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INDUSTRY

PROGRESS

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AMERICAN POULTRY PUBLISHING COMPANY
BUFFALO, N. Y., U.S.A.

AMERICAN POULTRY WORLD

Published the First of Each Month by the
AMERICAN POULTRY PUBLISHING
COMPANY

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President GRANT M. CURTIS
Vice-President WILLIAM C. DENNY
Secretary-Treasurer L. M. AVISE

SUBSCRIPTIONS

Fifty cents per year in advance. Five cents per copy. Ten cents per back number.

FOREIGN, one dollar per year. Canada seventy-five cents. Ten cents per copy.

Subscriptions can begin with any month. Write your name and post office address plainly. If your Journal does not reach you promptly each month, kindly notify us.

When you request change of address, give the old as well as the new address.

EXPIRATIONS AND RENEWALS

The AMERICAN POULTRY WORLD is discontinued at the completion of the subscription term by order of the postal authorities. This notice will be marked with a blue X when your subscription has expired. We solicit a prompt renewal. Please do not delay.

40,000 COPIES PER MONTH

It is positively guaranteed that during the year ending April, 1911, the AMERICAN POULTRY WORLD will circulate an average of forty thousand (40,000) copies per month. All advertising contracts are based on this circulation.

ADVERTISERS GUARANTEED

We guarantee our subscribers against loss due to fraudulent misrepresentation in any display advertisement appearing in the AMERICAN POULTRY WORLD, providing the subscriber when ordering the fowls or merchandise, states that the advertisement was seen in the AMERICAN POULTRY WORLD, and places the order during the month or months in which the advertisement appears in our columns and promptly notifies us of the fraudulent misrepresentation of the advertiser, giving full particulars.

American Poultry Publishing Company

Advertising Rates Made Known on Application

Entered at the post-office, Buffalo, N. Y., as second-class mail matter.

40,000 FOR MARCH, 1911

E. D. Corson, Secretary-Treasurer of the Corson Manufacturing Co., printers and binders, being first duly sworn, states that that company has a contract for and is printing and binding forty thousand (40,000) copies of the March, 1911, number of the AMERICAN POULTRY WORLD.

E. D. CORSON,

C. B. KOON, Commissioner of Deeds.

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Get Copy for Advertisements in Early

ALL advertisers are requested to send copy for advertisements to this office as early as possible. We again call attention of advertisers to the fact that all who desire to make changes in their advertisements **MUST SEND NOTICE TO REACH THIS OFFICE BY THE EIGHTH OF THE MONTH AND ALL ADVERTISING COPY MUST BE RECEIVED NOT LATER THAN THE TWENTIETH OF THE MONTH PRECEDING DATE OF ISSUE.**



PUBLISHERS' DEPARTMENT



NOTWITHSTANDING the extra work that had to be done in publishing the big issues of AMERICAN POULTRY WORLD that have appeared during December, January and February, the publishers have been making preparations for valuable and interesting articles from the best known and most able writers on subjects of vital interest to poultry breeders

who want to succeed. These arrangements are well under way and we can safely promise our readers that in the matter that has been arranged for, there is a great treat in store for them.

More money, more effort and more brains will be put into the next 12 issues of AMERICAN POULTRY WORLD than ever before. It means a more interesting poultry journal, a more practical poultry journal and one that will help the beginner as well as the experienced breeder.

Professors Stoneburn and Atwood will become regular contributors beginning with the April issue. Their departments cannot help but prove a valuable assistance to our subscribers who are invited to send their unsolved problems in poultry keeping to us. These will be forwarded to either Professor Stoneburn or Professor Atwood, or answered by some one of the editorial staff.

We have received many letters praising Artificial Incubation and Brooding and the Chick Book from those who followed the suggestion in these columns last month and ordered copies of these valuable books. Undoubtedly these

books are the best that have been written to date on the respective subjects and every one who purchases is sure to get his or her money's worth. Each book sells for 50 cents, or both books and a year's subscription to AMERICAN POULTRY WORLD for \$1.25. Books can be sent to one address and AMERICAN POULTRY WORLD to another. Also, if you are a subscriber, your subscription will be extended.

The new Standard continues to sell briskly. Upwards of fifteen thousand copies have been sold and shipped to customers. In many ways, it is undoubtedly the best Standard that has ever been published. Every breeder needs a copy for the assistance that it will render in selecting birds for breeding and exhibition purposes. It consists of 336 pages, has over 150 illustrations including five color charts. Costs 13 cents to mail and sells for \$1.50 post paid. Copies can be obtained promptly by sending orders to this office.

The new Orpington breed book is completed and ready for delivery. It is a complete and authoritative text book and instructive treatise devoted to all the varieties of the popular Orpington fowl. It tells of the origin of the Orpington, describes Orpington type, the merits of the breed as an exhibition and utility fowl, how to mate the different varieties, how to feed and care for them. Price 75 cents including postage, with one year's subscription to AMERICAN POULTRY WORLD \$1.00.

Two Monster Winnings

PHILADELPHIA—NEW YORK

Philadelphia. Won 1st pen S. C. Buff Leghorns, 1-2-3 cock, 2-3 hen, 3 cockerel, 3-4 pullet, 4 specials. Association Loving Cup for best display, and all specials for best cock in show. Whites not shown on account of judging.

Madison Square. Won 1st pen S. C. Buff Legnorns (the unequalled record of any breeder, winning this prize three straight years, also best display), 2nd cock, 2-4 hen, 2 cockerel and \$25.00 in gold offered by Association for best display, 5th pen White Leghorns (only entry).

These winnings place the Monmouth Strain alone and unequalled. We are now booking orders for Eggs and Baby Chix. Send for our beautiful 1911 catalogue and mating list.

MONMOUTH STRAIN S. C. BUFF AND WHITE LEGHORNS

MONMOUTH POULTRY FARM,
FRENEAU, N. J.

J. COURTNEY PUNDERFORD, Owner,
EGBERT WILSON, JR., Supt.

White Orpingtons

An Established Strain with an Established Record

They Lay Like Slot Machines



FIRST PRIZE WHITE ORPINGTON COCK - CHICAGO 1910
OWNED & BREED BY LAWRENCE JACKSON HAYSVILLE, PA.

AT CHICAGO, 1910, in a competition of 117 of the best White Orpingtons in this country, I won seventeen ribbons and the American White Orpington Club Silver Cup. Anyone with a fair bird can win where there is no competition, but to go into a big show against twenty of the best breeders showing 117 birds, it takes quality, and to get seventeen ribbons, as I did in this show, means that I have a GREAT NUMBER of good birds, not a few.

Winnings, Chicago, 1910

Silver Cup American, White Orpington Club, best Cock, Hen, Cockerel and Pullet.

*Special Ribbon, White Orpington Club, on Hen
Special Ribbon, White Orpington Club, on Cockerel*

*Special Prize for Best Four Cocks
Special Prize for Best Four Cockerels*

Special Prize for Best Four Hens

Special Prize for Best Four Pullets

1st Hen, 1st Cockerel, 2nd, 3rd and 4th Cocks, 2nd, 3rd and 5th Pullets, 2nd and 3rd Pen

Every one of the birds I put in this show were hatched and raised on my farm, from eggs laid on my own farm. When you buy eggs or stock from me you get the blood lines that bred these winners. At Cleveland, in hot competition, I cleaned up every first prize but one. I won 1st Cock, 1st Hen, 1st Pullet, 1st Pen. Also American Orpington Club specials on White Cock, Hen, Pullet and Pen. Also four silver cups, one of them being for best female Orpington (any variety) in the show, awarded by Judge Oke to my hen Bess. At Pittsburg I won 1st Cock, 1st Hen, 1st Cockerel, 1st Pen, and special for best display Orpingtons, any variety, Judge Denny. Altogether I have 24 firsts, 15 seconds, 16 thirds, 23 specials, 2 diplomas, 11 silver cups at Cleveland, Madison Square, Chicago, Pittsburg and other large shows. High class show birds and breeders for sale at reasonable prices.

I Have Supplied Many Winners in Stock and Eggs for My Customers, and I Can Do the Same for You

I have nearly 1,500 birds on the place from which to select, and feel sure that I can please you. I publish a poultry book from which you can learn the essentials of the poultry business in spare moments. It is small enough to go in the pocket. Price 25c. It contains no advertising. Our advertising is free for the askin

If you will write me I will send you extracts from the letters of my customers who have won with stock bought from me and raised by them from my eggs



“Suzette”
First Prize White Orpington Hen,
Chicago, 1910-Bred and Owned by
Lawrence Jackson-Haysville, Pa.

Lawrence Jackson, Box W, Haysville, Pa.

QUALITY!

QUALITY!

ROYAL BLUE BARRED ROCKS

NEW YORK AND BOSTON CHAMPIONS

The Breed to Raise is the Breed that Pays

The Strain that Wins and the Strain that Lays

\$600 in Cash from Two Settings
I'll Tell You How! It's No Secret!



On June 4, 1909, I put under hens two settings from the pen headed by "ROYAL BLUE," the First Prize Sweepstakes Champion Cockerel at New York. This was without question the best mating of Barred Rocks in the world, I expected great results and I got them. On June 25 were hatched 22 chicks from the two settings. With unlimited range, good care and everything that nature could supply them, they grew rapidly and at six months old were matured and on their way to Madison Square Garden, New York, where, just one year before, their illustrious sire had defeated all comers and was given the proud title of Sweepstakes Champion Cockerel of the entire exhibition. From those two settings I exhibited four Cockerels that were pronounced by the judges and breeders the best ever seen in Madison Square Garden, and the best ever exhibited by any breeder. They were the Sensational Stars of the entire New York show, and were awarded two of the first four prizes. The most convincing proof of the merit of these Cockerels was the fact that four of my competitors, and very prominent Barred Rock breeders, purchased them for \$600.00 to head their breeding pens. I could spare these birds, as I had older ones of the same breeding and quality for my own matings. For 25 years I have furnished winners to my customers from Maine to Texas, and at the largest exhibitions of the present season the Royal Blue Barred Rocks have won the highest honors.

YOU CAN RAISE CHAMPIONS!

if you take my advice. Let me send you Eggs from the Best Breeding Pens of Barred Rocks that live.

ROYAL BLUE.—The world's best Barred Rock Male. Winner of First Prize, Color Special and Grand Sweepstakes Prize for the best cockerel in the entire exhibition at Madison Square Garden, New York in competition with all the best breeders in America.

THE COCKEREL MATINGS

are all headed by Champions and Sons of Champions at New York and Boston, 1909, 1910 and 1911. The Females in these matings are all sisters or daughters of "Royal Blue," the New York Champion, "Boston Blue," the Boston Champion, and Lawson Cup Winners, and sons of these Champions. For correct type, clear and distinct barring to the skin, these Females are gems of the breed.

THE PULLET MATINGS

are all headed by sons and grandsons of the world's famous hen.

FLUFFY RUFFLES

the Sweepstakes Champion Female at New York, 1908 and 1909. The Females in these matings have been selected with care and have the correct type and barring to produce champions. Pullets of my breeding have won at the largest shows for years, and my matings this season are teeming with quality. The important feature of these Champion breeding pens is that they have been mated by a master hand with 30 years' experience in breeding the best. The correct blending of this royal blood is sure to produce The Champions of 1912 and you can secure EGGS from these

ALL STAR MATINGS

1 Setting, \$10.00; 2 Settings, \$18.00; 3 Settings, \$25.00; 100 Eggs, \$50.00.

CHOICE COCKERELS, TRIOS AND PENS

that will breed to please you.

ILLUSTRATED CATALOGUE OF AMERICA'S BEST BARRED ROCKS FREE

A. C. HAWKINS,

LOCK BOX 30,

LANCASTER, MASS.

THE "ROYAL BLUES" ARE RECORD LAYERS

ONE CUSTOMER WRITES:

Mr. A. C. HAWKINS.

WAKEFIELD, January, 19, 1911.

Dear Sir: My 21 "Royal Blue" Pullets laid 4362 eggs in one year, an average of over 207 eggs each for the entire flock.—BYRON H. BROWN.

Cheviot Farms Expansion



We are always trying to go forward at the Cheviot Farms. Our volume of business is leaping forward in a wonderful way, but our greatest advance has been along the line of quality.

Four years ago we determined to have the best Orpingtons to be had. We searched the world for birds

better in some one or more points than our own.

We had comparatively little trouble in finding better birds in White and Buff. We had more trouble to find better Blacks than we then owned.

We put every cent we could command into a very few superlative birds. Price cut absolutely no figure. We have bought in England birds in both White and Buff that had won at the Palace, Birmingham, etc. We could only afford a few, but as our funds were extremely limited then we felt we must make no mistake, take no chances. We bought the best for sale in the world. Only a very few but the best in the world.

From these birds we have now many hundred line bred birds. We have lengthened the short English back and put the American shade of color on the immense English Buffs with their grand massive bone. You cannot find in the whole world outside our yards massive Buffs with great bone and American type and color. We are at least three years ahead of any American breeder there.

We did not push the sale of superlative birds or eggs till we had a surplus. Now we can spare a few eggs from the most wonderful Buffs and Whites in the world.

Remember we have lengthened the backs of the English Whites too, with the splendid bone and pearly white color and under-color of the Palace winning Whites of today.

We now feel that in both Buff and Whites we are ahead of anything to be had elsewhere in the World for the American requirements, and that our Buffs and Whites are now fully equal relatively to our Blacks and we think we are as far ahead of competition now in those colors as we are conceded to be in Blacks.

We firmly believe that we have today in our matings the best Buff, Black and White Orpingtons, according to the American Standard, in the world.

We have retained absolutely every superlative pullet produced last year by our great Champion of England in Whites and the Palace winning females. These birds and the line bred chicks from our great Snow Lady, declared by Judge Keeler the finest type White Orpington in America, give us some sensational type, size and color.

In Blacks we have absolutely refused to sell a single female for more than \$25, retaining every superlative bird we produced last year for our egg trade.

We can now abundantly afford to retain the cream of our raising. Our egg customers this year will have several of the grandest pens in the world to select from here. Let no one miss it on Blacks; they are going right up without a single great advertising breeder pushing them. It is merit.

Watch the Blacks—they do not require artificial booming.

In Buff Orpingtons our customers not only get grand individuals wholly in a class by themselves—but think of the advertising value of the championship of America won by our strain of birds.

Just a word about prices. We have a little leaflet "Bulletin 3" that shows that our eggs at \$5 hatch better chicks than eggs from others bought at \$30. (1st Chicago Cockerel this year was hatched from eggs we listed at \$5 last year). We claim to be selling White Cockerels pretty cheap for quality—for example, we sold for \$50 a Cockerel that defeated a half dozen \$150 Cockerels at a leading show this year.

We cannot, and will not, appropriate our customers' winnings, but Bulletin 3 has enough evidence to satisfy most people and is made up wholly of absolutely voluntary, unsolicited letters.

Do not forget that we have now the famous Richter Leghorns, White and Buff, and also that this year we are selling eggs and some fine surplus stock from the famous Cheney Reds (both combs); also the Goble Wyandottes, White and Columbian. Our booklet "Bred to Lay" tells it all and it is free. If any one has better birds in these varieties than we have we would be very grateful to know who and where?

Our egg prices are very moderate.

Our Orpington Mating List will be ready by time this Magazine reaches you—Free if you mention the American Poultry World, otherwise send 10 cents

Don't forget about the Orpington Magazine, 25c a year or add American Poultry World or any other 50 cent Magazine, and take both for 50 cents

Better yet—Send \$1 and we will add American Poultry World's New Book on Orpingtons, a really reliable book

CHEVIOT ORPINGTON FARMS, MILTON BROWN, PROPRIETOR, CINCINNATI, OHIO

The IMPERIAL "RINGLETS"

SET THE SEAL OF CHAMPIONSHIP

At the Imperial Show of all America---Madison Square Garden,
New York---this winter of 1910 and 1911

E. B. Thompson's Barred Rocks Win as Follows:

First and Sixth Prizes on Cocks.

First and Third Cockerels.

First and Second Exhibition Pens.

The Imperial Prize of the Show Special for Champion Male.

Diploma presented by the American Poultry Association for best Cockerel.

Special for four best Cockerels.

\$25 Special Prize presented by the New York Show for finest display. Three times as many First Prizes as any competitor. More First Prizes than all competitors combined. All Silver Cups and Cash Specials.

Sterling Silver Sweepstakes Cup for best Plymouth Rock hatched in 1910, male or female, any variety.

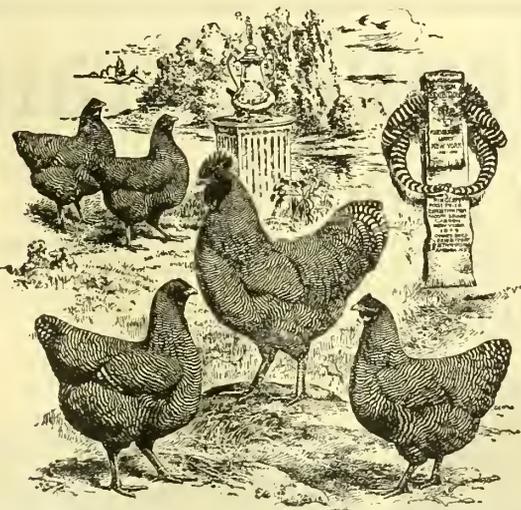
Challenge Silver Cup for best Exhibition Pen, won for third time and final Ownership.

Special for best Pen mated to produce Exhibition Cockerels.

Special for best colored Male.

Special for best shaped Male.

My exhibit was one of the wonders of the show, every bird wearing the matchless "Ringlet" barring. My three first prize Males stood out like stars. My first prize Champion Cockerel is the finest of all time—the masterpiece of the Barred Rock World.



"Ringlet" First Prize Exhibition Pen and Winners of Sweepstakes Silver Cup at Madison Square Garden, New York.

This new Championship Record is the Keystone which completes the "Ringlet Winning Arch" at Madison Square Garden, New York, during a period of a quarter of a century. It stands monumental above all other records—an achievement far and beyond anything ever hitherto accomplished

by any Barred Rock breeder since the New York Show was founded—nothing has ever approached it.

This final triumph, after 25 years of unbeaten record at the Premier Show of all America, places E. B. Thompson's Barred Rocks on an eminence by themselves as the World's Leading Strain of high and superior quality.

Furthermore—The "Ringlets" have won every Silver Trophy that has ever been offered at Madison Square Garden to be won three times; in short every Trophy on Barred Rocks that has ever been offered to be won three times has been won by me and is now my absolute property. Among them are the \$100 Challenge Trophy and \$100 Association Cups.

It will be to your interest to have my "Ringlet" birds and eggs to start right and improve your stock. The rich results of 30 years experience as a Barred Rock breeder may be yours. My long experience has produced thousands of winners for myself and customers, I will help you to the best of my ability, rest assured of this.

As wonderful layers of fine eggs every month in the year, the "Ringlets" are unsurpassed by any breed of poultry in the world. See testimonials from customers in my catalogue.

Elegant breeding and exhibition cockerels, pullets and hens for sale in any number you may want. Show birds fit to win in any competition at any show. New richly illustrated 60 page catalogue mailed upon request, it is full of pictures of New York winners from life.

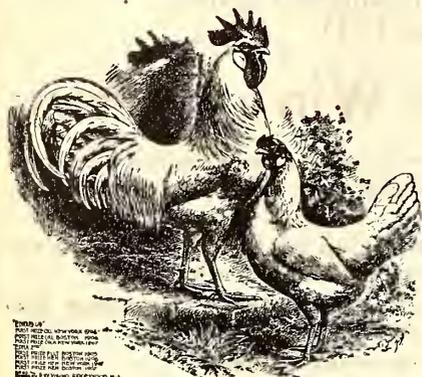
EGGS from the Worlds' Finest Exhibition Matings after January 10th, 1911, one setting \$10, two settings \$18, three settings \$25, four settings \$30, 100 eggs, \$50

Address E. B. THOMPSON, Lock Box, 330, AMENIA, N. Y.

See my other Ads. in this Paper.

YOUNG'S STRAIN Single Comb White Leghorns

I HAVE NO OTHER BREEDS



MY Leghorns have again won the greatest honors that could come to any strain at the recent World's Greatest Show at Madison Square Garden, New York City, December, 1910. In the second largest class in the show, I won:—

Cocks, 1-2-3-4-5-6. Cockerels, 1-2-3-4-5-6. Hens, 1-2. Pullets, 2-3-4-5-6. Pens, 1-2. One hundred dollars (\$100.00) in cash specials N. S. C. W. Leghorn Club. Elmhurst Poultry Yards Silver Cup for best display. Spratt's Gold Special Best Leghorn, any variety, hatched 1910. New York State Cup. American Poultry Association Medal for best Leghorn, any variety. N. S. C. W. Leghorn Club Silver Medal for best Cock, Hen, Cockerel, Pullet and Pen. Special Badges for best color male and female, best head male and female, best shape male and female.

You cannot win without my strain

For the twelfth time at America's Imperial Show I have demonstrated that it has no equal on earth in the show room, and it is acknowledged the world over to be the greatest laying strain. I have hundreds of grand Cockerels for sale, and can fill egg orders from sixty (60) pens.

Address, D. W. YOUNG,

(Mating List Free)

MONROE, N. Y.

Keating's Challenge Strain Columbian Wyandottes

I originated and bred the Challenge Strain Light Baahmas 20 years ago, and give my customers in my **Challenge Strain Columbian Wyandottes** the benefit of my long experience in breeding and producing the beautiful markings called for by the latest Standard of Perfection.

NOT ONLY THAT BUT--

They Win

Madison Square, 1909-1910

Special silver cup for best collection as well as other prizes.

Boston, 1910

1, 4 Cock; 1 Cockerel; 3, 4, 6 Hens; 6 Pullet; Special for Best Shaped Male; Best Colored Female; Best Cock and Four Hens; Best Cockerel and Four Pullets; Best Collection.

Chicago, 1910

1 Cock; 1 Pullet; 5 Hen; 3, 5 Cockerel; 1 Pen; Cup for Best Collection.

Bred-to-Lay

The Columbians are bred to lay, mature early and with ordinary care they are the equal of any layers known.

J. P. KEATING,



BOX W,

They Lay

Finest Broilers

The Wyandottes make the best of broilers, owing to their having a nice, full, plump breast at all times.

A Fancier's Fowl

The White Plumage with black markings has always been popular with fanciers and now that we have this plumage on a Wyandotte shape we have a truly fancy and utility fowl.

I have a grand lot of breeders at reasonable prices and the best matings I ever had for my egg trade. Write at once for Mating List and book your order early.

Westboro, Mass.

WHITE DIARRHEA CONQUERED

ROUP AND CHOLERA QUICKLY AND PERMANENTLY CURED

The hatching season is on. The dreaded diseases of white diarrhea, roup, cholera and gapes will yield readily to the scientific treatment of inoculation, and your fowls will be healthy and strong.

“OCULUM” Ten drops of Oculum injected in the rectum of the fowl will cure. It is absorbed by the bowel and passes quickly into the blood, inoculating the fowl. A penny's worth of Oculum will cure the worst case of cholera, roup, white diarrhea and gapes. Oculum not only cures, but it keeps fowls healthy. It is the best tonic. Oculum increases the egg yield; keeps down lice; decreases mortality 80 per cent.; increases weight, beautifies the plumage, relieves the drudgery of *eternal work* and makes poultry profits certain. Turkeys, ducks, pigeons and other fowls treated successfully with Oculum. Leading fanciers of the nation have tested Oculum and are loud in their praise of it.

Registered Trade-Mark

**Breeder of America's Best
PLYMOUTH ROCKS AND WYANDOTTES
Lancaster, Mass.**

November 23, 1910.

The Hancock Inoculum Co., Salem, Va.
Dear Sirs: I have been using your new remedy, Oculum, on some of my valuable birds and it has produced good results. You surely should have a large sale for the remedy when its qualities become known among poultry fanciers. Wishing you success, I am, truly yours,

A. C. Hawkins.

**C. H. LATHAM,
Lancaster, Mass.**

**Breeder of
BARRED PLYMOUTH ROCKS.**

November 28, 1910.

The Hancock Inoculum Co., Salem, Va.
Gentlemen: Your OCULUM has been given a most thorough test during the past month in treating my poultry. For mild colds, liver and bowel troubles, it is the best remedy I ever used.

Oculum will cure chronic cases of Roup, usually considered incurable.

I consider it an invaluable remedy and should be in every poultryman's medicine case.

It is a pleasure to recommend OCULUM, which is being introduced **solely on its merits** as a cure for many diseases we have among poultry. Yours truly,

C. H. Latham.

Champions at Madison Square Garden, Philadelphia and Boston shows. Have won the highest honors in the largest shows in all parts of the country in the hands of my customers.

A LEADING FANCIER COMMENDS OCULUM.

Hope, Ind., October 4, 1910.

Hancock Inoculum Co., Inc., Salem Va.
Gentlemen: I am going to do a lot of missionary work for you on your Oculum remedy, and if you will send me a batch of several thousand folders I would be pleased to mail them out for you when the occasion demands it. Please let these come forward at once and we will see how we can help you, I beg to remain, yours respectfully,

U. R. Fishel.

Originator of Fishel's White Plymouth Rocks, the best in the world.

Ask for Oculum at the store. If you can not get it, send us dealer's name and 25 cents for experimental bottle, or \$1.00 for large bottle. If it fails to do all we claim, will return your money. Circular and testimonials free on request. Circular contains diagnosis of Cholera and White Diarrhea, made by the Department of Agriculture of the United States.

SEND FOR OCULUM NOW

HANCOCK INOCULATUM CO., Inc.,

Sentinel Building,

SALEM, VA.

\$5.80 per Year per Pullet with Fenton Farms' Columbian Wyandottes and The Philo System

Every Person Using the Philo System Should Raise Fenton Farms' "Superior Strain" of Columbian Wynadottes

BECAUSE They have proven themselves one of the most profitable breeds for the Philo System. They are not a heavy breed or a light breed; they are a medium sized variety—yellow meated; very quick growers—reaching 1½ lbs. in 5 and 6 weeks. Pullets weigh 5 to 6 lbs; hens, 6 to 8 lbs; cks., 7½ to 8 lbs; cks., 8 to 10 lbs. In egg production they do BEST IN SMALL QUARTERS. At FENTON FARMS the unit is 30 layers in a space 10 by 12. The average egg record of every pullet at Fenton Farms is 174 eggs—14½ dozen—which average 40c per doz.; or

\$5.80 per Year per Pullet

IN the Philo System they will excel this average, as they are kept in smaller numbers. Our average is not exorbitant. We have kept careful pen records for 5 years. Anyone can get the same results as we do. Many of our customers report better than \$5.80 per year per pullet. April hatched chicks begin laying in October, and from November to March lay the most eggs. They are honest workers, very small eaters, do not become over-fat and are less broody than other breeds. No breed is more beautiful. We want you to give Fenton's Columbians a trial. Without doubt you will be convinced that they are the **most profitable breed in public favor today.**

We are the Largest Breeders of Columbian Wyandottes in the country. We own the largest and probably the Finest Chicken Farm in Michigan. Our stock is line bred and pure bred. All our birds are either winners or birds bred from winners at Chicago, Madison Square Garden, Boston and Detroit.

SEND FOR LITERATURE

Fenton Farms, Mt. Clemens, Mich.

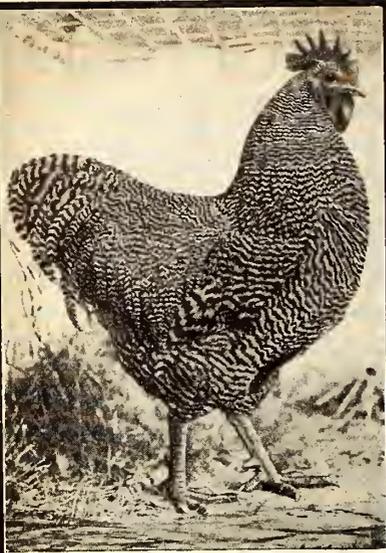
WALTER G. FENTON, Manager

Member A. P. A.

President National Columbian Wyandotte Club



Our 1911 Special Mating List is Just Out—Send for it



1st Prize Winner Boston 1910
Pittsfield Poultry Farm Co., Pittsfield, Mass.

Our Special Mating List of Prize Winning Barred Rocks, for the season of 1911, is out this week. Its publication is the great yearly event in the poultry world. Breeders who want to build up their flocks wait eagerly for its coming. Beginners who want to start with a money-making strain will surely want eggs from these high-grade matings. In all there are nearly two dozen pens. These include special matings for cockerels and other matings for pullets.

Special Matings for Cockerels

- Pen 45—headed by 1st Boston Cock, 1910—see illustration. Not shown this year.
- Pen 43—Male 1st Portland Cock, 1911, and 3d Boston, 1911. A better breeder than show bird.
- Pen 41—headed by 2d Boston Cock, 1911. Same type as Penn 45.
- Pen 44—headed by Cockerel in 1st Breeding Pen, Boston, 1911.
- Pen 42—Male is Color Special, also 2d Cockerel, Boston, 1911.

Special Matings for Pullets

- Pen 46—includes 1st Winning Hen at Boston, 1911, and other prize winners.
- Pen 48—contains hens having large trap nest record—see our catalogue.
- Pen 50—made up of best breeding birds produced by the hens now in Pen 48.
- Pen 47—contains 1st Portland Pullet, 1911, and 3 Pullets for 1st Pen at Portland.
- And four other pens of choicest matings.

In most of these pens we know the breeding qualities of the birds—a few we do not, but we do know the breeding of these and tell you what we believe they will do. Pittsfield Strain is the best among Barred Rocks. You will be surprised to learn how low we have made our prices. Our birds are bred to heavy laying, early maturing, and are true to standard. No other equal opportunity is offered you to build up the quality of your poultry.

“Money-Making Poultry”

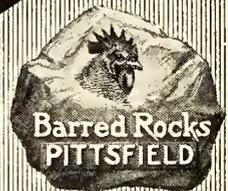
Get our new book, “Money-Making Poultry,” all about Barred Rocks and Pittsfield Strain. Tells how to feed and gives housing and other facts needed by poultrymen who would be successful and money makers. This unusual book is free. It has proved so popular among poultrymen that we have had to print a new edition. Just ask to have a copy sent along with our Special Mating List.

We Ship Day-old Chicks and Guarantee Safe Delivery

We have doubled our last year's capacity and expect to be able to take prompt care of all orders for day-old chicks. Distance no bar to successful shipments. These day-old chicks are the same stock as we use to maintain and improve our own pens. Orders may be booked for future delivery, and all orders, except for eggs from specified pens, are shipped the day they are laid.

PITTSFIELD POULTRY FARM CO.

276 Main St., Pittsfield, Maine



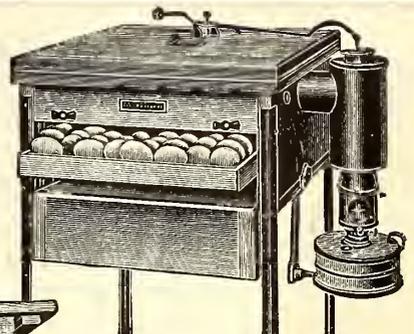
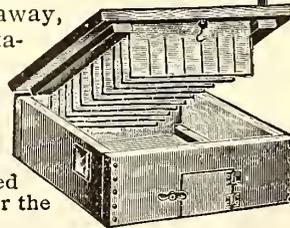
Only \$6⁵⁰ For Both Freight Prepaid



J. W. Miller

You can't equal this value no matter where you go. Ideal Quality at a price below the ordinary kinds, and freight prepaid to all points east of the Missouri River and north of Tennessee. If you live further away, write for delivered price to *your* station. Larger machines at equally attractive prices.

I've worked for years on this combination, because there has always been a big demand for my 60 egg size incubator and brooder, and I've made my plans, bought my materials, equipped my factory so I could give everybody the right start for the least money. Let me start *you* quick. Write at once.



Here's the 60 Egg Ideal for only \$5. Freight Prepaid.

Better order Ideal Brooder with it, and get both machines for \$6.50—delivered free. Send me a postal now for book or order direct from this announcement; money back if you are dissatisfied.

Ideal 60 Egg Incubator, \$5.00 60 chick Fireless Brooder, \$3.00

or both of them together—a complete guaranteed hatching outfit for only \$6.50. Incubator and brooder are ready to use—no extras to buy. Full instructions sent with each machine.

Better order yours—incubator or brooder—or both, right now from this advertisement. You'll never hear of any other such offer, and I'm sure to have more orders than I can fill when the rush season comes. You are safe in sending money now, as I guarantee satisfaction or refund money. But if you want all particulars, first write for my book, anyway.

The Ideals have been the world's standard for value for over thirty years. The world's best result getters, giving bigger, better hatches and stronger chicks than others. These new Ideals will boost their reputation still higher. They've got all the big features you want—walls of triple thickness—first, 1 inch lumber, then insulation, then ½ inch lumber—so no heat gets out or cold in—a perfect hot water heater made of cold rolled copper with tubular tank—substantial steel legs and lamp brackets and galvanized iron lamp. They have the famous Ideal Regulator—a regulator that regulates the temperature to one-half degree—also our celebrated Ideal Egg Tester and the best tested Thermometer. Ideals are specially adapted to beginners, because they are the simplest of all, need least attention and no experience.

Don't delay if you want one of these machines, for if I'm any judge, and I ought to be, for I've been in the business for 30 years, they'll go “like hot cakes.” Poultry Raisers don't get an opportunity like this every day, and most of them will be quick to see it. Think of it—a 50 Egg Size Ideal for \$5.00. A 60 Chick Brooder for \$3.00, or both for \$6.50. Freight prepaid east of the Missouri River and north of Tennessee. Write for our price if you live beyond these lines.

Big Book FREE—My big book, “Poultry for Profit” tells all about Ideal Incubators and Brooders and gives a wealth of useful information for poultry raisers and those who are going into the poultry business. It shows full page illustrations of Standard Bred Poultry—all breeds—many other fine cuts, too. It's yours for the asking. If you order now, without waiting to write for book, I'll send you a copy as soon as I get your order so you'll have the valuable experience to start with that I have put in this book. Write for it today anyway and learn about my other big 1911 bargains in larger size machines and all poultry supplies.

Whether you send your order or just write for the book, address me personally on this special combination price offer.

J. W. MILLER COMPANY, Box 123

Freeport, Illinois

WORLD'S FOREMOST HITE WYANDOTTES

have been the most prominent winners for the past 15 years at Madison Square, Boston, World's Fair, for me, in the strongest competition. I have bred more prominent winners than any other breeder—not just for one or a few shows, but for every prominent show in the United States and Canada; and many owe their success to my strain. Past year I sold the winners for such shows as Alaska-Yukon Exposition, Chicago, Indianapolis, Kansas City, Boston, New York, Pittsburg, Pa., Youngstown, O., and Ottawa,

Ont., Montreal and other shows in Canada. Many of these not only won 1st, but special for best in show, and these competed with birds from every noted breeder. They are starting in again this winter and have recently won Gold Medal for best cockerel and pullet in one show and highest honors in many others. 22 years line bred. Remember, I sell all my stock on approval. If not satisfactory return at my expense. My birds have also won high honors in foreign countries.

My matings will be same as every year—only the very best—and you will get eggs from the same I hatch from. My egg trade has always been a good ad. for me and has brought me many steady patrons for stock; and did not have a bad complaint past season, and I offered \$50.00 for one cockerel hatched from my eggs. Only a limited number orders placed early with amount will be able to have them without delay, for I book so to know how I can ship. \$5.00 per sit; 3 sit, \$12.00. Send for circular. High-class breeding cockerels for sale, \$5.00 up.

J. H. JACKSON, LOCK BOX 80, HUDSON, MASSACHUSETTS

PINE TOP POULTRY FARM

BREEDERS AND EXHIBITORS OF
BARRED PLYMOUTH ROCKS
and Single Comb White Leghorns



IF YOU WANT WINNERS for the fall or winter shows, single birds, pairs, trios, pens, or any number, why not send to us? We won the majority of Blue Ribbons at Orange County Fair, N. Y., all the Blue Ribbons in both classes at Troy, N. Y., 1909, more Blue Ribbons and Specials than all our competitors combined in both classes at Tri-State Fair, Memphis, Tenn., 1909, First Prize Pen, Single Comb White Leghorns, and many other places, Cup presented by the President of the National Single Comb White Leghorn Club for scoring the greatest number of points at Madison Square Garden, December, 1909, and January, 1910, and at Boston, Mass., January, 1910, we won every Blue Ribbon in Single Comb White Leghorns and every special, including the American Poultry Association Medal for the best male of all the Mediterranean class, and in Barred Plymouth Rocks won many places, and the special for the best shaped female.

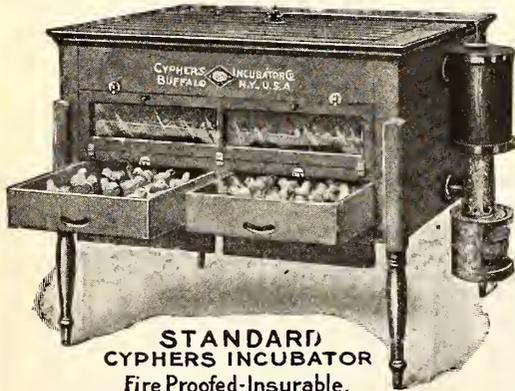
¶ If we can do all the above, why not send to us to help you out? Send for literature and particulars, as we consider giving information without charge, a pleasure. ¶ We have breeders, show birds, eggs for hatching, and day-old chicks for sale in season.

J. H. Hallock, Prop., Box 6, Hartwood, Sullivan Co., N. Y.

Fully One-Half Our Customers First Tried Other Makes

ONE-HALF THE TOTAL NUMBER of Cyphers Incubators and Brooders sold *every season* by us and our Authorized Agents are bought by men and women who *first tried other makes* and found them unsatisfactory—*unprofitable!*

WE WANT YOU, READER, to *consider carefully* what this big fact means—just what it *will mean to you* if you make the same mistake! These men and women, valued customers of ours, NOW KNOW THE REASON. They know *from actual experience* that IT DOES NOT PAY to put good money and good eggs into cheap, inferior, “bargain-price” incubators—that it does not pay to trust *valuable chicks* in worthless, *death-trap* brooders.



STANDARD
CYPHERS INCUBATOR
Fire Proofed-Insurable.

Positively, you cannot make money raising poultry by such means. You cannot build up a profitable poultry business ON SUCH A FOUNDATION.

If you are going to use an incubator at all, buy a good one—THE BEST TO BE HAD. If you feel that you *would like to own a Cyphers*, we could not possibly give you better advice than to urge you to BUY IT FIRST—not after you have “tried” a cheap machine, or several of them, *and have met with discouraging losses.*

When you buy one cheap incubator, discard that and buy another that is no better, you are OVERPAYING the Cyphers price WITHOUT getting CYPHERS RESULTS and CYPHERS SATISFACTION.

SAMPLE REPORTS FROM CUSTOMERS

“Common Mistake of Beginners”

North Epping, N. H., Jan. 6, 1911.
Cyphers Incubator Co., Buffalo, N. Y.
Last season was my first at using an incubator and I made the common mistake of beginners of buying a cheap incubator, made in —. After I had lost enough time and eggs to buy two good incubators, I awoke to the fact that if I wanted to make a success of the poultry business the best was none too good. Then I bought a Cyphers and I have had satisfactory results ever since.
H. H. YOUNG.

“Five Other Different Makes”

Kramer, Ind., Jan. 18, 1911.
Cyphers Incubator Co., Buffalo, N. Y.
Have been using your incubators and brooders for the last seven years. Have tried five other different makes. As a result of our experience we discarded all but the Cyphers, because under the same conditions we found they would give us 10 to 20 per cent. more chicks. HILLCREST POULTRY YARDS,
J. C. Dinsmore & Co., Props.

“Tried Several Other Makes”

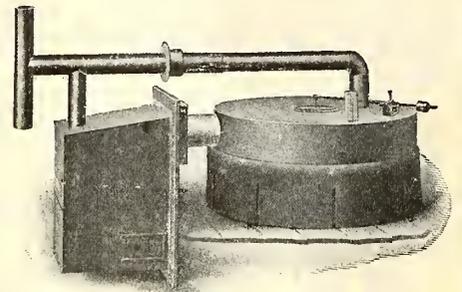
Fulton, Mo., Jan. 16, 1911.
Cyphers Incubator Co., Buffalo, N. Y.
We have used two of your Cyphers Incubators for three years. We had tried several other makes of lower priced incubators and brooders, but the difference in results made them an expensive luxury. We found your Self-Regulating Adaptable Hovers the best brooding device on the market.
DIEHL BROS.

“Would Vary Seven Degrees”

St. Johnsville, N. Y., Jan. 7, 1911.
Cyphers Incubator Co., Buffalo, N. Y.
We are using Standard Cyphers Incubators and have discarded all others. The other machines would vary seven degrees and we had to watch them day and night, but we can easily run your incubators without having them vary one-half degree and we only have to look at them twice a day, morning and evening. We also use your brooders and are able to raise 99 per cent. of the chicks placed in them.
FORESTVIEW POULTRY FARM,
Miles Bros., Proprietors.

“When I First Began Hatching”

Nebraska City, Neb., Jan. 12, 1911.
Cyphers Incubator Co., Buffalo, N. Y.
When I first began hatching chickens artificially I tried several kinds of incubators that were on sale, but I could neither hatch successfully, nor raise a profitable percentage in the brooders sold with these machines. As a last trial I bought one of your incubators and since then have had fine success. Then I tried one of your brooders and found it all you claimed it to be. Last year I bought one of your Adaptable Hovers and put it in a box of my own make and it worked fine. Depend upon it I am a friend of the Cyphers Company goods and recommend them to all my friends.
H. D. BEAM.



World's Challenge Adaptable Hover

(Patented)

Fire-Proof, Insurable, Self-Ventilating and Self-Regulating.

Used in Entire Line of Cyphers Company's Apartment Brooders. Unequaled for use in Home-made Brooders, in Roosting Coops, Colony Houses, etc. Price, complete with Regulator, Safety Lamp and Tested Thermometer, securely boxed for shipment, \$8.50 f. o. b. Buffalo, Boston, New York City, Chicago and Kansas City. Price, f. o. b. Oakland, Cal., \$9.50.

UNDERWRITERS LABORATORIES, INC.
INSPECTED INCUBATOR
No. 1

Form of Brass Label to be found (in serial numbers) on every Standard Cyphers Incubator, all sizes.

Fire Underwriters and that *has been inspected and approved* under the direction of the National Board, BEARS THE UNDERWRITERS' BRASS LABEL, attached to the front of the machine in plain view. These labels are equivalent to the *official signature* of the Associated standard fire insurance companies of the United States and Canada. They stand for *highest safety and lowest insurance*. The LABEL is the proof! Without the LABEL you cannot be sure you are getting *what you want*—an incubator or brooder that it will be safe to use anywhere and at any time. DEMAND THE LABELS, therefore and *accept no excuses*—no subterfuge!

Demand These Labels— Your Safety!!

DO NOT BE MISLED by mere general claims that Incubators and Brooders are “fire-proof and insurable.” These claims, *to be valid*, should be backed up by the UNDERWRITERS' LABELS. Every incubator or brooder—no matter by whom made—which is built to conform to the “Rules and Requirements” of the National Board of

UNDERWRITERS LABORATORIES, INC.
INSPECTED BROODER
No. 1

Form of Brass Label to be found (in serial numbers) on every Standard Cyphers Brooder, all sizes.

Don't Make That Mistake!

Start Right and Save Money

"Two Hot-Water Machines"

Stigler, Okla., Jan. 5, 1911.

Cyphers Incubator Co., Buffalo, N. Y.

I bought from you last summer one Cyphers Incubator, 240-egg size. At the same time I also purchased two other makes of different makes (hot water) of the same size as the Cyphers. I hatched as many chicks with the one Cyphers machine as I did with both the others, each of which had the same egg capacity as your machine.

A. C. STURGEAN.

"Hatched About 5,000 Chicks"

East Hampton, Conn., Jan. 17, 1911.

Cyphers Incubator Co., Buffalo, N. Y.

I have been using your incubators and brooders for the last four or five years with excellent success. Have run four other makes of machines, but sold them and now have five large Cyphers Incubators. Last season I hatched about 5,000 chicks and sold most of them and never had a sick chick. I have several of your brooders and like them very much.

L. A. HALE.

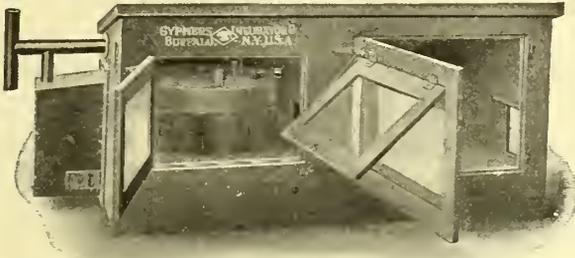
"Tried Several Cheap Machines"

Stoughton, Mass., Jan. 9, 1911.

Cyphers Incubator Co., Buffalo, N. Y.

Four years ago I purchased a No. 3 Cyphers Incubator from a Mr. Whitney of Everett, Mass., who sold same on account of its being too large and I have had fine success with it. I tried several cheap machines cracked up to be the best on earth, but it was all hot-air—either this or leaky tanks! I would not give one Cyphers Incubator for half a dozen of the cheaper kind, in fact would not again be fooled by such "trash" at any price.

A. M. LELAND.



World's Most Popular "Foster Mother"

(Patent Heating System)

Colony-Type, Three-Apartment, Self-Regulating and Self-Ventilating

Style B (formerly known as Style A) Cyphers Company Combined Outdoor Brooder and Colony Rosting Coop. Tens of Thousands have been sold on the "Personal Satisfaction Guaranteed" basis and we never have been asked to take one back.

THE Cyphers is known as the "business incubator of the age." It has *won its way* in all parts of the world where domestic fowls are kept because it is *different and better* in construction, because of its *patented principles*—because it *gives best results*.

Today Cyphers Incubators *are better made than ever before*. The materials are higher priced, the workmanship is better, the finish more attractive and lasting—THIS WE GUARANTEE.

BUT GET OUR BIG FREE BOOK!

We'll send it to you, postage paid. Contains thousands of interesting facts, practical hints and money making suggestions; tells all about Cyphers Incubators and Brooders and our *more than one hundred* standard poultry supplies. Address our home office or branch store nearest you. A postal will do! Mail it *now*.

EVERYTHING FOR POULTRY RAISERS

Incubators
Brooders
Brood Coops
Chick Shelters
Brooder Stoves
Leg Bands
Egg Packages
Egg Testers

Caponizing Sets
Scratching Food
Developing Food
Chick Food
Forcing Food
Laying Food
Short-Cut Alfalfa
Shredded Alfalfa

Mealed Alfalfa
Full-Nest Egg Food
Nodi Charcoal
Poultry Remedies
Lice Powder
Lice Paint
Napcreol (Disinfectant)
Anti-Fly Pest

Egg Preservative
Fumigating Candles
Drinking Fountains
Grit and Shell Boxes
Food and Water Holders
Roost Supports
Roofing Paper
Spray Pumps

Powder Guns
Wire Fencing
Bone Cutters
Chick Markers
Bone Mills
Root Cutters
Nest Eggs
Poultry Books

CYPHERS INCUBATOR COMPANY

Factory and Home Offices, Dept. 31. BUFFALO, N. Y.

NEW YORK, N. Y.
23 Barclay St.

BOSTON, MASS.
12-14 Canal St.

CHICAGO, ILL.
340-344 No. Clark St.

KANSAS CITY, MO.
317 S. W. Boulevard

OAKLAND, CAL.
1569 Broadway

LONDON, ENG.
126 Finsbury Pavement

"Using Them For Ten Years"

Rushville, Ill., Jan. 20, 1911.

Cyphers Incubator Co., Buffalo, N. Y.

I have been using Cyphers Incubators, Brooders and standard poultry supplies for ten years and am glad to say that they have been satisfactory in every respect. To be frank with you about it, I feel as though I would have to quit the poultry business if it were not for the Cyphers Company products—and I say this after having tried several other kinds in time past.

DR. WILBER DACE,

"Discarded All Other Makes"

Roslyn P. O., Md., May 25, 1910.

Cyphers Incubator Co., Buffalo, N. Y.

I have been using your machines for ten years and have always found them satisfactory, so much so that I have discarded all other makes of incubators and brooders. I consider your incubator as near perfect as it is possible to make a hatching machine.

ALEXANDER R. EARLY.

"So-Called Leading Incubators"

New Orleans, La., Dec. 22, 1910.

Cyphers Incubator Co., Buffalo, N. Y.

I can say this much for the goods put out by the Cyphers Incubator Company—after twelve years experience with many of the so-called leading incubators and poultry appliances—your goods, with which my whole plant is equipped, have paid me for time and labor wasted with others.

PALMETTO POULTRY YARDS,
F. B. Camors, Proprietor.

"Superior to Other Machines"

Finley, Lake Co., Cal., Dec. 9, 1910.

Cyphers Incubator Co., Buffalo, N. Y.

I began hatching with a machine made by—. It was not satisfactory. I then tried other kinds to the number of eleven. I retained the best and operated three of them in competition with the Cyphers. The Cyphers won, because, first, it hatched more and stronger chicks; second, it hatched no cripples; third, it required only about one-fourth as much attention as the best of the other machines.

G. W. BARBER.

"Other Makes Without Success"

Pensacola, Fla., Jan. 10, 1911.

Cyphers Incubator Co., Buffalo, N. Y.

I bought one of your No. 0 machines more than five years ago, after trying several other makes without success, and since then I have used both your small machine and the 120-egg size. I have always had excellent results with the Cyphers and consider them the most perfect hatching machines I have ever used.

W. H. WITTICH, Jr.



SEAMAN FARMS

BUFF ORPINGTONS

Win at Chicago, December, 1910

Grand Silver Trophy Cup for Best Display

2 Cock, 2-3 Hen, 3 Cockerel, 1-3 Pullet, 2-5 Pen. Special for Best Colored Female

Win Again at Pittsburg, February, 1911

Grand Special for Best Display

1-3 Cock, 1-2-4 Hen, 2-3 Cockerel, 1-2 Pullet, 1-2-5 Pen

Special for Best Display in any of the popular varieties at any of the leading shows is the most sought for and coveted of all prizes. Comparatively it is an easy matter to win a single prize in one of the open classes.

THE DISPLAY PRIZE REQUIRES A HIGH-CLASS
EXHIBIT AND QUALITY IN EVERY BIRD SHOWN

Winning the Grand Display Prize at Both Chicago and Pittsburg

in competition with the best Buff Orpingtons in America, places the "Stamp of Quality" on Seaman Farms' Buff Orpingtons, and puts them on the top round of the ladder.

☞ The birds in our exhibits at these great shows, and the birds in our breeding yards, possess the fine, low down, massive Orpington type, in combination with rich, soft Golden Buff color, that is so beautiful and attractive.

☞ We still have a limited number of birds to sell.

In Particular a Few Grand Cockerels

that will make very valuable and desirable breeders. Our prices are reasonable. We will be glad to describe these birds to you on application. Purchasers are privileged to return birds at any time within 48 hours if not satisfactory, and full purchase price will be refunded, less return express charges.

☞ The attention of those intending to place orders for Buff Orpington Eggs is directed to page opposite.

WE HAVE THE QUALITY AND OUR PRICES ARE RIGHT

Seaman Farms, J. B. SEAMAN, Jr., Prop. Box 71, Unity, Pa.
SAM'L H. JEFFRIES, Mgr.

SEAMAN FARMS

BUFF ORPINGTONS

EGGS FOR HATCHING

Our birds have been mated not according to the prizes they have won, but along the lines of breeding that have proven so successful for us.
Every yard is mated for the best results

We will sell and hatch eggs from all yards, none will be held in reserve. In this way our customers will have the same opportunity of hatching "the birds of the year" as we ourselves. In selling eggs for hatching, we do not guarantee them to hatch any given percentage of chicks, as the results depend largely on how the eggs are handled after their arrival at destination, as well as the actual fertility when shipped. But, when unsatisfactory results are reported promptly, we will endeavor to please every customer, as we want all of our patrons to be satisfied.

A BRIEF DESCRIPTION OF MATINGS FOR THIS SEASON FOLLOWS:

PEN NO. 1.

This pen is headed by a large typical Orpington cock bird with a good five point comb, eye and shape, solid buff in color and is, we believe, one of the best colored Buff Orpington Cocks in America today.

To him are mated six pullets, including third prize pullet and four pullets out of third prize pen, Chicago, Dec., 1910, the other pullet being a full sister to the Cockerel in Pen 2. The females in this pen are rich golden buff, extra strong in eye and head points. This is one of our very best pens and we expect some wonderful results from these birds.

A limited number of eggs will be sold from birds of this pen at \$2.50 per egg.

PEN No. 2.

Contains a Cockerel, a full brother of our third prize pen at Chicago, but a grand bird, good five point comb and equal to the Cock in Pen No. 1 in color. He is one of our best males and we have been very careful in selecting his mates.

To him are mated four hens and two pullets, the former consisting of second and third Chicago hens, also two hens out of our Chicago display pen, the pen that created so much admiration and comment while on exhibition. The pullets in the pen are two daughters of the Cock that headed our fifth Chicago pen.

Eggs from this pen \$2.00 each.

PEN No. 3.

Headed by the Cockerel that we showed in third prize pen at Chicago, a very fine bird in every section from head to shank, good eyes and color, very good shape. In fact, an Orpington in every sense of the word.

With him are seven females, three of them being full sisters to the Cockerel that headed our first prize pen at Pittsburgh, Feb., 1910. The other four are out of our Chicago display pen. These four females were also in our first prize pen at

Pittsburg. Every hen in the pen weighs over nine pounds and we are frank to say that a better colored, more typical pen of Orpingtons were never mated anywhere by anybody.

The price of eggs from this pen will be \$2.00 per egg.

PEN No. 4.

This pen is headed by "Buster," second prize Cock at Chicago, weighing nearly twelve pounds, a bird of superior color and shape.

This bird produced many winners last season and, in mating him, we have selected five of our very choicest females, including first pullet at Chicago, 1910, first and four pullet, second hen, and the best hen out of second pen at Pittsburgh, 1910.

This is one of our strongest combinations and only a limited number of eggs will be sold at \$2.50 per egg.

PEN No. 5.

The Male in this pen is an imported bird. We have never bred him before, but, if his color and type denote anything, we are sure we will hatch some wonderful birds out of this mating.

We have mated him to three hens out of second prize pen at Pittsburgh; also five hens out of our Pen No. 1 of last year. This entire pen, including the male, are very large, heavy boned and even colored, and with the best of blood lines back of them, they should produce their share of good ones.

Eggs from this pen, \$20.00 per fifteen eggs.

PEN No. 6.

A superb mating of our third prize Chicago Cockerel and ten pullets, all early hatched and over standard weight, six pullets being sired by our first prize Cockerel at Pittsburgh, Feb., 1910, the other four being sired by the Cock that headed first prize pen at the same show.

All are especially strong in head points and are full breasted, low, broad, deep bodied birds, and should

produce some of our next year's winners.

Eggs from this pen will be sold at \$20.00 per fifteen.

PEN No. 7.

"Bob," the male at the head of this pen, won first as Cockerel at Pittsburgh in competition with the very best that could be put on exhibition. He has an almost perfect five point comb and is a rich golden Buff throughout.

To him we have mated four pullets we showed in our fifth prize Chicago, 1910, pen, an imported English pullet, and five of his own daughters. This pen is first class in every respect, and as "Bob" produced a number of high class winners last year, we expect him to repeat this year.

Quality considered, we think that eggs from this pen are cheap at \$10.00 per fifteen eggs.

PEN No. 8.

A twelve pound bird heading this pen was first prize pen Cock at Pittsburgh, Feb., 1910; also shown in display pen at Chicago.

To this male, we have matched ten large pullets, daughters of "Bob," first prize Pittsburgh Cockerel.

Eggs from this pen, \$10.00 per fifteen eggs.

PEN No. 9.

Headed by a large shapely Cockerel, good five point comb, a son of "Bob," the first Pittsburgh Cockerel, and mated to ten hens, all pen sisters to the male that headed second pen at Pittsburgh, Feb., 1910.

Eggs from this pen \$5.00 per fifteen eggs.

PENS No. 10 to 20.

Each consists of a large vigorous Cockerel and ten hens and pullets, mated for best results. We shall hatch from these pens ourselves and expect to produce some good ones.

Eggs, \$5.00 per fifteen eggs.

OUR ILLUSTRATED MATING LIST WILL BE SENT FREE ON REQUEST

Seaman Farms, J. S. SEAMAN, Jr., Prop. Box 71, Unity Pa.
SAM'L H. JEFFRIES, Mgr.

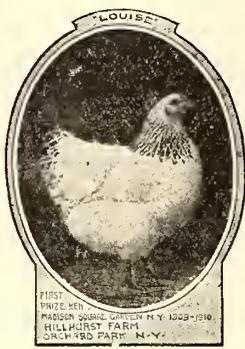
Columbian Wyandottes

We recently purchased the entire flock, business and good will in Columbian Wyandottes formerly owned by Dr. C. J. Andruss, Canandaigua, N. Y., including

36 Winners at New York, Baltimore, Buffalo and Rochester

And LOUISE, the sensational first prize hen, Madison Square Garden, 1910. These birds added to our Large Flock make Hillhurst Farm. HEADQUARTERS for COLUMBIAN WYANDOTTES

Our birds have won 1st Pen at Buffalo 3 years in succession. At Boston, 1910, in the largest and best class ever shown, they won 4th cockered and 3rd and 4th pen. At Buffalo, 1910, in competition with the best birds from the United States and Canada, they won 3 firsts on 3 entries. We have over 700 selected birds on hand and can furnish the choicest breeding and exhibition birds at reasonable prices.



THE BEST VARIETY

No other breed, no other variety will satisfy you as a laying fowl, as a breed for broilers, as a roasting fowl, like the Columbian Wyandottes. Big brown eggs and plenty of them. Round, plump breasts and quick development. All this and more you will find in Columbian Wyandottes, the handsomest variety, the one for the fancier and market poultry raiser.

THE RIGHT WAY

If you want to start right, or desire to improve your flock, is to let us furnish you with birds that have been bred from winners; birds that have the right shape and color; birds that are healthy and have vigor and stamina behind them. We have 20 Pens of our choicest birds mated for the egg trade. We can start you right. Our prices are reasonable and will surprise you. We invite you to visit our farm, and also will be pleased to answer your correspondence. Address

J. B. CASTERLINE, Manager Poultry Department

HILLHURST FARM,

ORCHARD PARK, N. Y.

ESSEX-MODEL INCUBATORS

THE POULTRY KEEPER OF EXPERIENCE never buys an inferior incubator, nor one that is untried. He can't afford to! Neither can you afford to take chances at this late date. Buy the best NOW. The Following Tells How Money is Made by the use of the Essex-Model Incubators of Quality. As America's Leading Manufacturers of the Largest and Most Superior Line of Incubators and Brooders, we can't afford to allow inferior material nor inferior workmanship to enter into our machines. Therefore we are in a position to Guarantee every machine. With them you can do as well as the people who have written us below—and can do it the first time. Buy a Machine You Are Sure of, and Save Your Money.

Most Firms Can Show You SINGLE Cases—We Show You MANY MONEY MAKING Poultry Keepers Use The ESSEX-MODELS

\$1910.60 FROM MARKET EGGS

Dear Sir: WEST BERN, N. Y., July 30, 1910
From December 1, 1909, to August 1, 1910, I got \$1910.60 from market eggs alone from 750 fowls. That is over \$2.50 per hen. I do not hesitate to recommend your incubator and brooder to beginners. I now have three machines. My average hatch this year was 82 per cent, and I have hatched 230 chicks out of 339 eggs with only one test. I have been a user of your goods ever since they were first put on the market and have never thought best to make a change. Why should I? The chicks are growing fast and the fowls have paid me well.
Very truly yours, GEO. D. SHULTES.

200 LAYERS KEPT MY FAMILY

Dear Sir: VINCENTOWN, N. J., Aug. 13, 1910
I run an eleven-acre farm, and would you believe it, my 200 layers kept my family of five. This is owing in great part to the use of your incubators. They are reliable, and I have had good success. I have hatched 93 per cent, and raised 90 per cent, to maturity.
Yours truly, ARTHUR STEBRITZ.

SHIPPING 60 DOZEN EGGS A WEEK

Dear Sir: EAST TAUNTON, MASS., Feb. 9, 1910.
I am using two incubators and 4 brooders of your make and am very satisfied. Have them in use for four years. Am able to ship 60 dozen eggs per week. I raised 1200 chicks last season and lost only 50 out of them.
Respectfully yours, JOHN KILOWRATH.

"SELLING EGGS AT 50 CENTS"

Dear Sir: 2289 Main St., BUFFALO, N. Y., Oct. 12, 1910
A year ago this spring I hatched 63 chicks—all big back first ones—in a No. 1 Model Incubator. I put them in your Model B Brooder, and did not lose a chick. They were hatched on the 8th of May and on the 4th of November I got my first two eggs. During December I got 23 dozen, which sold at 50 cents per dozen. In January I got 38½ dozen which sold at the same price. In the month of December they cost me \$3.00 for food, and the same in January. The chickens were far stronger than any I ever hatched with hens—perhaps because they have no insects to bother them.
Yours very truly, (Miss) ETHEL THOMAS.

COUNTRY STORES PAY 23 CENTS IN AUGUST

Dear Sir: LEWISTON, N. Y., Aug. 1, 1910
Country stores are now paying me 23 cents a dozen for eggs. I do not breed fancy stock. I find your incubator and brooder very simple to operate. I can raise all the healthy chicks in your brooder. On March 21, 1910, I hatched 58 chicks out of 69 fertile eggs (96½ per cent).
Yours truly, RALPH W. BROWN.

INCREASING PLANT RIGHT ALONG

Dear Sir: MONROE, N. Y., Aug. 5, 1910.
We have found the poultry business very profitable and are increasing our plant right along. We have now the largest plant in this county. We always recommend the Model Incubators, and consider them the best we have ever used. We are going to discard the others and use only Models. We have six of your incubators and twelve of your brooders.
Very truly yours, EGBERT M-ELROY.

BEGAN WITH EIGHT PULLETS—MADE \$1000.

Dear Sir: MONTROSE, PA., July 12, 1910.
I began poultry raising with eight pullets which my mother gave me about five years ago and now have about \$1000.00 worth of equipment paid for. I use No. 2 and No. 3 Standard Model Incubators. They are easy to run and are in good condition yet, after using four years.
Very truly yours, FRED L. BUTT.

SOLD BROILERS AT 85 AND 40 cts. A POUND.

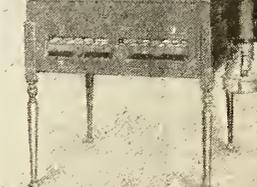
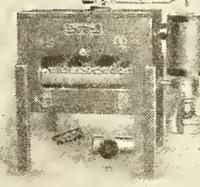
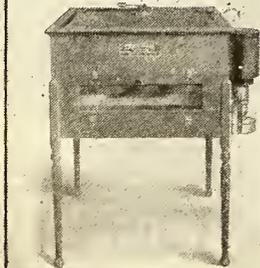
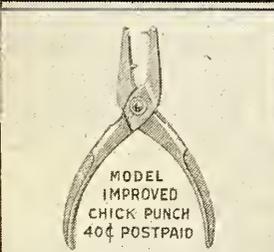
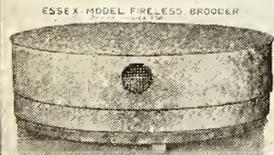
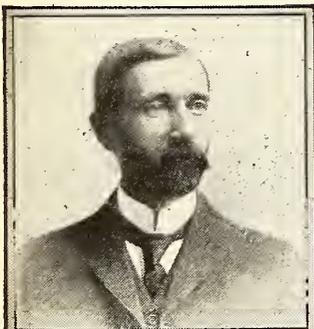
Dear Sir: BALDWINVILLE, MASS., July 11, 1910.
I was a dealer when I bought your incubator. I have hatched 170 chicks from 134 eggs (being over 87 per cent). They are all strong and healthy and not a cripple among them. I found the poultry business profitable this year. Broilers were good for 150 per cent profit. I marketed them for 35 cents and 40 cents a pound.
Very truly yours, E. P. WHITCOMB.

MADE GOOD IN A POOR YEAR.

Dear Sir: MARION, N. J., Sept. 15, 1910.
Last spring I decided to buy a Model Brooder to try, and after testing it thoroughly was so well pleased with it that I purchased three more. I found the ventilation was perfect and it could be heated in a few minutes, and required very little attention. I have about 1200 chickens—all raised in Model Brooders, and while it has not been considered a good chicken year, I have been very successful and think that a great deal of credit is due your Brooders, that I found exactly as represented.
Wishing you every success, I remain,
Yours very truly, F. R. PARKER

"PAYS WELL AND IS PLEASANT WORK"

Dear Sir: BURR, IOWA, July 5, 1910.
The Model Brooder is the nearest to a real brooder I have yet seen. I have two and have raised winners in them. I am well satisfied with you people so far as I have dealt with you. Everything is all as you claim. I have been breeding Leghorns on a small scale, but have found it pays well and is pleasant work. I have over 400 pullets now.
Very truly yours, W. A. SIGSBEE.



[STANDARD INCUBATORS-SIX SIZES \$17. to \$48.] [MIDDLE PRICE INCUBATORS-FOUR SIZES \$9. to \$29.]

GRAY'S SILVER QUILL WHITE ROCKS

HAVE DEMONSTRATED THEIR QUALITY BY AGAIN WINNING AT NEW YORK STATE FAIR

1-2 pens old; 1-2 pens young; 1-3-4 pullets, 2-3 cockerels, 2-3-4 cocks, 3-5 Hens

In the past two years we have shown pens nine times, winning nine first prizes, four of them at our State Fair. At Rochester, January, 1910, they won 1-2-3 cocks, 1-2-3-4 cockerels, 1-3-4 pens, 2-3 pullets, 3-4 pens. Silver Cup best cock, hen, cockerel, pullet and pen. Special for largest and best shaped male, all varieties competing. American Poultry Association diploma for best cockerel in American class.

Several Hundred Youngsters For Sale

Including a lot of big-boned, show-white cockerels that have nice low combs and rich bay eyes. They weigh up to 9 pounds each and will please anyone looking for well-bred, healthy and vigorous stock. Our prices are reasonable and we guarantee satisfaction. If you wish to win or to breed winners, get started right with

Gray's Silver Quill White Rocks

Groveland Stock Farm, Route No. 1, Groveland Station, N.Y.

D. E. GRAY, Proprietor

HARRISON HALL, Superintendent

BROODERS AND SUPPLIES

YOU MAY THINK that our Incubators and Brooders should cost you more than other similar machines on account of their Superiority. *But they don't! They cost less!* The people who wrote the letters on the opposite page have found them Better Hatchers, Better Mothers, Better Built, Better Looking; Yet They Cost Less Per Egg, Less Per Chick, and Give Greater Satisfaction. *Fanciers and Farmers, Experts and Beginners, Women and Men,* all recommend them FOR WHAT THEY DO. Our Big Free Catalogue contains many similar letters. Did you get it? If not, will you write for it?

In Addition to Incubators and Brooders We Manufacture
A Full Line of Poultry Supplies and Laboratory Products

<i>Incubators</i>	<i>Fireless Brooders</i>	<i>Chick Salts</i>	<i>Head-Lice Killer</i>
<i>Brooders</i>	<i>Chick Shelters</i>	<i>Egg Maker</i>	<i>Lice Spray</i>
<i>Thermometers</i>	<i>Drinking Founts</i>	<i>Chick Markers</i>	<i>Lice Dust</i>
<i>Hyprometers</i>	<i>Wall Founts</i>	<i>Leg Bands</i>	<i>Nest Eggs</i>
<i>Thermostats</i>	<i>Water Cups</i>	<i>Roup Cure</i>	<i>Sulphur Candles</i>
<i>Egg Testers</i>	<i>Food Hoppers</i>	<i>Chicken Pox Cure</i>	<i>Health Regulator</i>
<i>Lamps</i>	<i>Grit Boxes</i>	<i>Gape Cure</i>	<i>Quic-Molt</i>
<i>Burners</i>	<i>Food Troughs</i>	<i>Cholera Cure</i>	<i>Scaly-Leg Salve</i>
<i>Colony Coops</i>	<i>Charcoal</i>	<i>Fly Driver</i>	<i>Disinfectants</i>
<i>Brood Coops</i>	<i>Perch Supports</i>	<i>Spray Pumps</i>	<i>Sundries</i>

SPECIALS THIS MONTH—*Nutrine Chick Salts*, which provides young chicks with the mineral salt food they do not get enough of in their regular food, *Chick Punches*, *Head-Lice Killer*, *Lice Spray*, *Lice Dust*, and *White Diarrhoea Remedy*. All made in our own Laboratory by our own Chemist, and guaranteed the best for their purposes. You will find them all described in our Big Free Catalogue. Did you get it yet? WE HAVE AGENTS throughout the country who show our Incubators, Brooders, and all our Supplies in their stores. Ask your storekeeper for Essex-Model Goods, and accept no other. They are Superior. If your storekeeper does not keep them in stock write us direct to the factory.

Don't Lose Your Chicks By Poor Brooding

The first few weeks of a chick's life cover the most important period of its existence. Expert poultry raisers watch their chicks closely during that period. Brooders that are not built on correct principles should be avoided. Chicks need Light, Heat, Floor Space and Ventilation without drafts; and it is in combining these needs that the "Essex-Model" Brooders have become popular. Users of our Brooders write that *They Mother the Chicks Better than a Hen*. That is because they possess all the advantages with none of the discomforts of brooding with hens. Our catalogue fully describes and illustrates them, showing *1911 improvements possessed by no other brooder on the market*.

If you want a Fireless Brooder try the Essex-Model Latest Improved Telescopic, illustrated on opposite page.

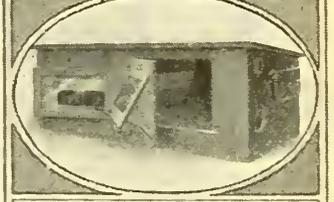
Don't forget that the BEST Brooder is necessary to your success—the labor-saving, chick-saving kind. Don't go to the trouble of hatching chicks and then "lose out" in the brooding of them.

Write For Our Free Catalogue containing chapter written by Mr. Essex telling "How Some People Make Money and are Successful in the Poultry Business Where With Equal Chances Others Lose" It illustrates our two styles (ten sizes) of Incubators and five sizes of Brooders. Prices from \$7 to \$48. Address

ROBERT ESSEX INCUBATOR CO.
13 Henry Street, Buffalo, N. Y.



MODELS-A&B BROODERS
100 CHICKS \$11.50-125 CHICKS \$14.00



MODEL-C BROODER
150 CHICKS \$17.00



MODEL-D BROODER
INDOOR & OUTDOOR-100 CHICKS \$13.00



ESSEX-MODEL LABORATORY PRODUCTS

ESSEX-MODEL PORTABLE HOVER
150 CHICKS \$7.00

ORPINGTONS

AT NEW YORK SHOW

Get In the Band Wagon



OUR YEARS AGO we ran a full page advertisement in the leading Poultry Journals and advised our friends to get in the band wagon and raise Kellerstrass Strain Crystal White Orpingtons, the big egg producers. Was our advice right? Write and ask those who took our advice and they will tell you that they cannot begin to fill their orders. In January, 1911, issue of the Reliable Poultry

Journal, on page 1246, there are just an even 50 breeders advertising White Orpingtons, 44 out of the 50 advertise Kellerstrass Crystal White Orpingtons, the big egg producers. Now what is the cause? There must be a reason for it. Let us give you our reasons for it.

FIRST: They have to weigh one pound more than the largest clean legged fowl in the world, according to the American Standard.

SECOND: They are the biggest egg producers known to the world today, producing chicks that start to lay when only four and four and one-half months old.

THIRD: They mature quicker than any other breed, producing chicks at 8 weeks old that weigh 2½ pounds.

FOURTH: As to fancy for the show room just send and get the last official catalogue of the New York, Baltimore or Kansas City show from their Secretary; that is evidence that

no one can dispute. These are the only three shows we made in 1910. Here is our record: Baltimore Show, first week in January, 1910, 1st on cock, 1st on cockerel, 1st on pullet, 1st on hen and 1st on pen. Kansas City Mid-West Show, September, 1910, 1st on cock, 1st on cockerel, 1st on pullet, 1st on hen and 1st on pen. Madison Square Garden in New York, last week in December, 1910, we won the Gold Special for the best display of White Orpingtons in the show room over the foremost American and foreign breeders of the world.

IF YOU WERE in attendance at the New York show you know what the competition was. We also know that over eighteen thousand (\$18,000) dollars worth of White Orpingtons came over from ENGLAND for this occasion. For some of them they asked \$1,000 apiece right there in the show room before the ribbons were awarded. Then after the ribbons were up, one of the largest known breeders in the east made the remark time and again that if he OWNED OUR FIRST PRIZE COCKEREL, FIVE THOUSAND DOLLARS WOULD NOT BUY HIM. We were asked time and again every day during the show to set a price on him. We said "No," and here is the SECRET OF OUR SUCCESS—

We Never Sell Any of Our First Prize Show Winners

like a good many breeders do. We need them, money won't buy them. We use them, and must have them for our breeders. So you can readily see why so many of our customers produce show winners, that buy eggs from us for hatching. Send 10 cents in stamps or silver and we will send you our large illustrated catalogue, which gives prices of stock and eggs that we have for sale.

Address **KELLERSTRASS FARM,** ⁸¹⁴⁰ Westport Road **KANSAS CITY, MO.**



Give Me Your Name and Address

Sign below, tear off and send to me. This is simply your direct request for the fine poultry book shown here. Sending it does not obligate you in any way. Fill in and address your letter to me personally—P. M. WICKSTRUM, the Queen Incubator Man, Box 31, Lincoln, Neb.

Name _____

Address _____



QUEEN INCUBATORS and Brooders as Money Makers

The rank and file poultrymen produce nine-tenths of all the poultry and eggs in this country. It is their success I am watching and working for. Nearly 75,000 of them are Queen Incubator users. I am co-operating with them and

helping them **make more money.** Helping them to make the poultry business a paying business, a real business. They are sending oceans of poultry and eggs to market and are salting down the good, hard cash year after year. Here's to them. They are my kind. They are going the Queen Incubator way. Come, friends, join the procession.

A Little Story of One of Them

A lady living at Fort Madison, Iowa, bought a Queen Incubator last year and went into poultry in earnest—the Queen Incubator way. I do not mention her name, because I want to send you pamphlet giving the story in full, in her own words. She says:

My first hatch came off March 21—225 Chicks
Second, April 13—263 Chicks
Third, May 6—282 Chicks
Fourth, May 31—343 Chicks
Fifth, June 25—264 Chicks

1377 Strong Chicks—No Cripples

She says further:—"Chicken raising has become a pleasure since I have so trusty an incubator. I believe the Queen will hatch every hatchable egg, and, above all, I have no cripples."

Not a Professional—a Rank and File Queen User

This lady was not a professional poultry raiser. There are thousands and thousands of Queen Incubator users like her. I get the same stories of success from all of them. They wanted to make money and they found the Queen to be the machine that helps them and "makes chicken raising a pleasure."

No Chances to Take

The Queen Incubator is first, last and all the time the machine for the average poultry raiser, because it is so simple, positive and so completely automatic in all its workings.

You can't make poultry a paying business without a business machine—one that will make results sure under all conditions. You can take the word of these thousands of money-making poultry raisers as to what the Queen has done and is doing for them.

The Truth Good Enough

The truth about poultry profits is good enough. Don't be caught by exorbitant claims. I don't promise you, as some people do, that you can make three, four, five and up to ten dollars profit per hen each year with a Queen Incubator.

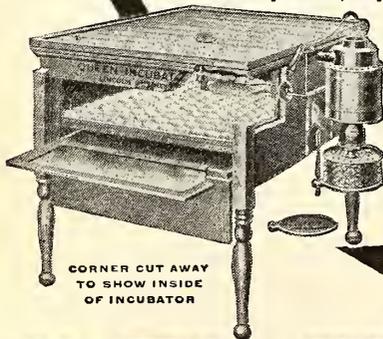
But I do claim that the Queen Incubator is the business machine, which makes poultry a paying business.

Incubator of Certain Results

No other machine gives such certain results to all operators under all conditions. The Queen does not perform miracles, but it does give legitimate profits that are sure and large. All are making money. Some are making comfortable fortunes. Outfit yourself with a Queen Incubator and Brooder, go into poultry in earnest, and my word for it, friends, no other business you can engage in will give you such certain and satisfactory returns on your investment.

Get a Queen on the Make-Good Plan

That's my offer, my way of selling. I'll send you a Queen on a long time trial—practically your own time. You take no chances. It must make good in your hands. If it doesn't make good, it doesn't cost you a cent. You get it direct at my low factory price. My personal, binding **guarantee for ten years** goes with it to you. It makes you safe. We can get together on this fair offer. Be sure to send me the coupon at the top of the page and let me send you my great free book. Season's on, act now. Address



CORNER CUT AWAY
TO SHOW INSIDE
OF INCUBATOR

WICKSTRUM, the Queen Incubator Man
 Box 31, Lincoln, Neb.



**Make the Poultry Business
A Real Business**

Queen

HALL Equipments

AMATEUR POULTRY RAISERS who pursue the business merely as an avocation can safely depend upon the material instincts of the Old Hen for hatching purposes, but the man who intends to sell poultry products in large quantities must travel by the incubator route, and success depends upon Getting in

Right. The success of a poultry farm depends primarily upon the hatching plant. Successful, healthy hatches can be had only where the conditions are the same as supplied by the Old Hen; downward radiation, even temperature, and the retention of sufficient moisture within the shells. There is but one machine that supplies all these conditions and that is the Hall Mammoth Incubator. The cost for fuel to run a 6,000 egg Hall Mammoth Incubator has been proven to be less than one cent a day per thousand eggs.



The New Hall Catalog

The Successful Hatch Must Be Well Brooded

A necessary adjunct of the Hall Mammoth Incubator is the Hall Brooder System. The Hall Brooder System is absolutely the last word in brooder perfection. After incubation, the growth, yes, the very life of the chicks, depends—upon how well they are started.

The Hall Brooder System was conceived with the twofold idea of duplicating natural conditions on a large scale coupled with a minimum of labor and expense. The Hall Brooder System is simple in design but scientifically perfect. The experience of the largest and most widely known poultrymen in this country proves its ability to raise vigorous and profitable early layers.

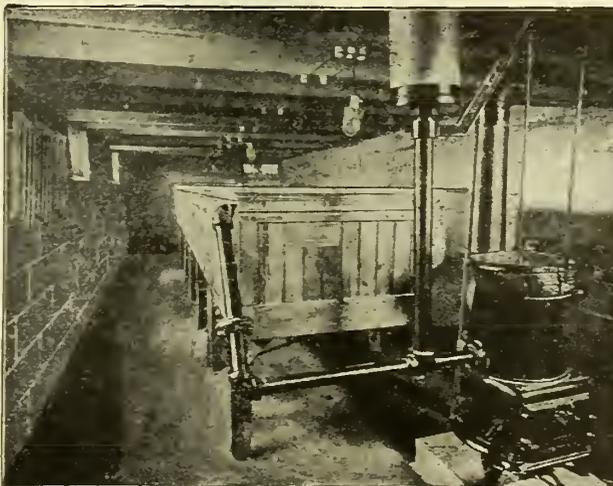
The Hall System is the result of experiments by a poultryman first and an inventor afterwards. Each and every part of the Hall System is built exactly as experience has shown to be the best.

Write Today for Beautiful Book, "Fact and Argument," Free

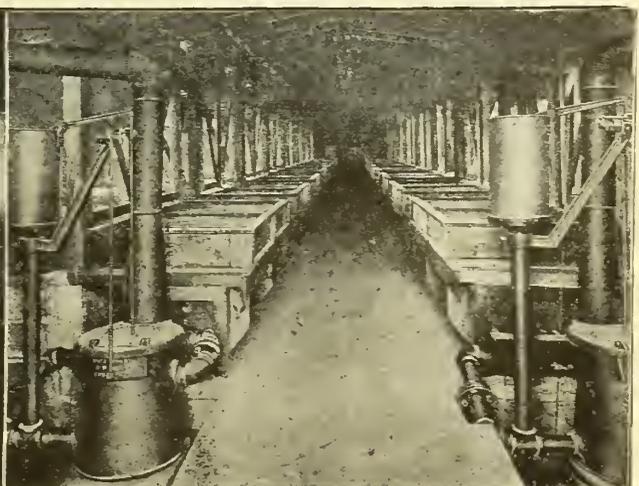
This is the most interesting and comprehensive book ever issued on the subject, containing many photographic views of famous poultry plants. It explains *why* the Hall Mammoth Incubator hatches *more eggs* and *stronger, more livable chicks*, *why* the Hall Brooder System *raises more and better chicks*, *why* the Hall System lowers fuel and labor expense.

If interested, write for your copy of "Fact and Argument" today

THE HALL MAMMOTH INCUBATOR CO., UTICA, NEW YORK



Hall Mammoth Incubator



Hall Brooder System

Your 3 Meals Means Less Than These New Books

Just one money-saving idea, from the 1653 topics in these nine brand-new books, will show you how to add dollars upon dollars to the value of your property. Send today. Your books are waiting.

Know the facts that will make your work easier—and yield more money, besides

Book No. 1

Tells how two men made "\$6.41 per Hen per Year"—explicit directions followed by Edward and Gardner Corning, the expert poultrymen, 236 subjects, 25 clear illustrations, all condensed into 64 pages.

Book No. 2

The man that owns, uses, buys, or loves a horse, needs "Horse Secrets," by Professor Alexander, Department of Horse Breeding, University of Wisconsin. Full of horse sense.

Book No. 3

From amateur to expert, and how you, too, can succeed in the egg business is told in the "Million Egg Farm" book. 238 subjects treated in detail, 47 cuts.

Book No. 4

One man sold a \$10,000 cow for \$85, because he had never seen our book, "Half a Ton of Butter per Cow per Year." Get it, and know how much cows are worth.

Book No. 5

Michael K. Boyer *knows* the poultry business from A. to Z. He spent years in gathering and testing these "Poultry Secrets." They are worth hundreds of dollars to you. 65 subjects covered comprehensively, tersely, honestly.

Book No. 6

"A good garden saves doctor bills, drives away the blues, sweetens the home and puts gold in thy purse"—213 subjects covered by Jacob Biggle. Inimitably interesting and informing. 49 pictures.

Book No. 7

"Corn Secrets," by Prof. P. G. Holden, the cornbelt authority. 143 important points covered—104 illustrations. This is perhaps the most accurate corn manual written.

Book No. 8

Free courses in agriculture are fully described in our new first aid to prospective farmers, "Shall I Farm"—232 subjects, a few good pictures, 64 pages, long wearing cover, complete index—a book full of common-sense.

Book No. 9

"The Curtiss Poultry Book" covers 226 subjects, written by a pioneer in the poultry business. Six indispensable formulas for feed mixing.

Here are other folks' experiences—how they got more results for less work. You can do as they did. Pick out your books **right now**. Perhaps never before has such a valuable and easily read set of farm books been published—you need them—get them at once. See descriptions in left-hand column.

These nine books, printed from large type, and easy to read, are crowded with boiled-down facts that you can use every day. They tell not only how others have raised poultry and eggs, and made money at it, but how you can do it, too—how you can get bigger profits from your cows, whether you have two or twenty—how you can be sure you're getting a square deal in a horse trade—how you can grow more corn from every hill—how you can make a 10 x 20 garden yield as much as most folks get from a 20 x 40 plot.

All these things and many more are told. These books are the cream of the life experience of experts. They are absolutely authentic—or Farm Journal wouldn't offer them to you. Get your set now; profit by all these other folks' efforts. They're enjoying the results of their money-saving efforts—so can you. Just use the coupon below.

Why You Need Farm Journal

Farm Journal is printed for those who want to know about flowers and vegetables, poultry, dogs and other pets, horses and cows, crops, good roads, building and odd jobs, improvements around the place. It has home doctoring hints, dressmaking helps, ideas for an evening's fun, cookery suggestions—why there isn't any thing worth while it doesn't have. vates a square rod or a square mile.

Farm Journal is the only paper of its kind in the world. It helps the amateur and the expert. It helps the man or woman who culti-Farm Journal believes in clean fence rows, sharp tools, and the 101 little conveniences that go to make a happy family. Take advantage of this offer now.

How to Get the Three Books You Pick Out

Use the coupon or write a letter, enclosing a dollar bill or a money order or even stamps (we take all the risk, remember)—and the 3 books you select will be shipped, fully prepaid and your name entered for Farm Journal until January 1, 1913. If you care for only one book, send only fifty cents—you get all these splendidly helpful issues of Farm Journal in either case. You can have all your money back, if not satisfied. Additional books, 20c each.

WHAT READERS SAY:

EAST

Frank Wolfe, N. Y.—"Our people have learned to call Farm Journal the monthly sunshine."

A. S. Austin, N. Y.—"Once read, Farm Journal is hard to do without."

M. E. W. King, Del.—"The books came all right. I like them and think I shall learn a great deal from the study of each one."

E. A. Nichols, Mass.—"I received the Garden Book and Almanac and am very much pleased with them."

Mrs. C. M. Spalding, Conn.—"I have been an appreciative reader of Farm Journal for 25 years and have a paid-up subscription for the next 15 years."

WEST

F. J. Carrol, Ohio—"Let me say that am most happily disappointed in Farm Journal. I expected to be 'stung,' but discover it to be the only really helpful paper for the farm that I have yet seen."

Mrs. Mary L. Perry, Ill.—"More in one column than most others in a whole page."

W. F. Hildebrecht, Ohio—"I consider your paper so valuable that my subscription is paid to Dec. 1917."

NORTH

Robert L. Haddock, Minn.—"The October number just received. I would not take a dollar for it."

S. Moore, Sask.—"Every home in the West should have Farm Journal."

SOUTH

W. H. Lanzec, Tenn.—"Five farm papers come to our home, but Farm Journal is the best." Andrew J. Shipor, Va.—"Farm Journal is not like any other farm paper, but far better and more interesting."

James Trotter, Tenn.—"I like Farm Journal for its plain facts."

Reward for Promptness

A copy of the latest revised 1911 edition of "Poo Richard's Almanac," 48 pages, will be included with every \$1 order—as long as the Almanacs last. Hurry your order along.

SPECIAL MONEY-BACK COUPON

Farm Journal, 167 Clifton Street, Philadelphia, Pa.:

Enclosed is \$1.00. Please send me books No. and Farm Journal until January 1st, 1913, —also the Almanac if I am in time.

Name.....

P. O. R. F. D.

County..... State

RHODE ISLAND REDS

Rose and Single Comb

Also Pekin and Rouen Ducks

Eggs for Hatching

Our matings this season, both Rose and Single Comb, are the best the farm has ever owned, and are mated to produce the best birds possible. Our Egg prices: Best Pens \$15 and \$10 per 15 eggs. Prize Matings \$5 per 15 eggs. We guarantee 12 fertile eggs in every sitting of 15 eggs. All express charges will be prepaid on all original orders from March 1st to June 1st. In the event of a poor hatch, we will duplicate the original order at one-half price.

An Advance Step---An Opportunity

Send for our catalogue, look over matings representing many of the best Reds ever yarded. Pick any one mating listed at \$15 per setting. Any one mating listed at \$10 per setting and any one mating listed at \$5 per sitting. We will send you 5 eggs from each mating, a total of 15 eggs, for \$9, and we will guarantee 12 of them to be fertile. Will replace all clears returned to us prepaid. Breeding Stock for sale in single birds, both utility and fancy stock, at all prices.

Special for March—Bargain Sale of Utility Cockerels, \$3.50 and \$5 each, while they last

White Birch Poultry Farm, MARY B. CONANT, Prop., BOX 186
W. H. WITHINGTON, Mgr. BRIDGEWATER, MASS.

WHITE WYANDOTTES

FISHEL BRED MEANS WINNER BRED

Why? BECAUSE we carefully mate and breed our winners. We have done so for years with results most gratifying. They have reproduced themselves so many times that they have become known throughout the length and breadth of the land as

THE WORLD'S BEST

They have successfully met the strongest competition in all the leading shows, such as Chicago, St. Louis, Columbus, Cincinnati, Indianapolis, Springfield, St. Louis World's Fair, Nashville, Memphis, Alaska-Yukon Exposition - Seattle, Lexington and New Orleans. The winners of one year with our careful mating produced the winners of the succeeding year, and are at the present time so mated that the FISHEL STRAIN will produce scores of the winners for next year. We have carefully selected and mated for this year Twenty Choice Pens, and really have many extra strong "TYPE" birds that we will not have use for and will sell at prices most reasonable, quality considered.

Now Stop and Think The perfecting of the WHITE WYANDOTTE has been our life-work and the records we have made are open facts. By using our Perfected Strain, either in birds or eggs you can start, up-to-date and right with the present Standard of Perfection and save yourself years of disappointment and worry!

Eggs from these Twenty Choice Pens will be sold as they come at \$5.00 per 15 eggs. Pens No. 1 and No. 2 are made up of our Choicest Breeding Birds and eggs selected from these pens only will be sold for \$1.00 per egg.

J. C. FISHEL & SON,

Box W,

HOPE, INDIANA





**“I Made
\$18,178.53**

NET PROFIT

**In One Year, Selling
Chickens & Eggs”**

**I Tell
You
How**

I made \$3,600.00 in one season from 30 hens, on a lot 24x40, by feeding the scraps from my table three times a day. I'll give you the names of those who paid me over \$2,000 for the eggs alone from these fowls—you can refer to them.

I'll tell you how I make my chickens weigh 2 1-2 pounds at 8 weeks of age.

I tell how I prepared my chickens for the show room, so that I won over 90 per cent of all the blue ribbons offered during 1907 and 1908. This has never been published before.

How I raise ninety-eight chickens out of a hundred that I hatch—how I feed my chickens for egg production—how I keep them healthy and free from disease—how I tell the layer from the poor layer—how I break up my broody hens without injuring them. I tell you how to pack eggs to keep them fresh—how I mate my chickens for breeding and fertility—how I run my incubators and supply moisture—how I raised my famous \$10,000.00 hen, “Peggy”—how I bred my big egg-laying strain. I tell you all about broiler plants, egg plants, etc.

I tell you about everything that is necessary to success in the poultry business.

It also gives you my opinion and experience that I have had with advertising solicitors of poultry journals.

It also gives you my opinion and experience that I have had with poultry judges in the show room, and why, in my opinion, the little fellow don't get what he thinks he ought to have in the show room. I tell it just as I have seen it and experienced it. There are several pages in this book taken from my records, and from my cash book and ledger. There are no secrets—I tell it all.

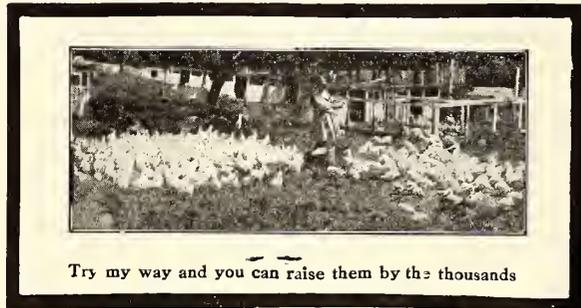
See what others say on opposite page.

I took a flock of 1,638 chickens and made them net me a profit of \$11.09 per bird in 12 months' time.

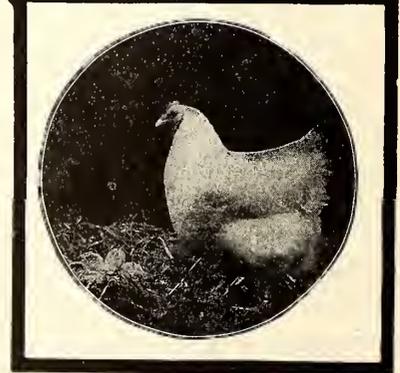
My farm and books are open for inspection to any State Poultry Experimental Station. If your station doesn't find the above statements true, I'll donate \$1,000.00 in cash to your institute.

**My New Poultry Book Tells
How I Did It.**

It covers all branches—it tells everything necessary to success with poultry. It tells you what I have done—how I started.



It shows you a picture of the first hen house I built, 6x6 feet in size. It contains over 50 full-page pictures of buildings and views taken on my farm. It was written from actual experience



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NOTE—Ask the editor of this Poultry Journal or any “licensed” poultry judge as to my reputation as a breeder.
MENTION AMERICAN POULTRY WORLD WHEN WRITING ADVERTISERS. READ GUARANTEE PAGE 2 COVER.



"KELLERSTRASS WAY"

The Kellerstrass Farm,
Kansas City, Mo.

Burnett, Cal.

Mr. Ernest Kellerstrass,
Kansas City, Mo.

Augusta, Ga.

I received your book sent me Saturday a. m. It would have been worth to me \$500.00 if I had had it last spring. "Good Book," common sense learned by hard-earned experience. Worth \$1,000.00 to me. Respt.,

L. R. HAYWARD.

Dear Sir:—Yours of a recent date to hand, also your book of "Kellerstrass Way of Raising Poultry," which I appreciate very much. I must say I think more of it than all the other books I have ever received.

Thanking you again for the book you sent me, and assuring you that I am and will from now on follow your way and no other,

Yours truly,

G. K. JOHNSON.

Kellerstrass Farm,
Kansas City, Mo.

Clinton, Ia.

Mr. Ernest Kellerstrass.

Hot Springs, Ark.

The book, "The Kellerstrass Way of Raising Poultry," received, and will say it is the most sensible and practical book on poultry that I have ever read, and I would not part with it for ten times its price if I could not get another one.

Very truly yours,

H. C. HEINSEN.

Albany, N. Y.

Dear Sir:—Please excuse my apparent slothfulness. I have not had a chance to write to you since I received the book. I would not take three times the cost of it for it. It is all good common sense, and no man could have known it without experience, and it takes time to find out such. I am a thousand times obliged to you. I feel as if you had given it to me. I am not a breeder of any particular breed. I just raise a few for home use, but I like to make them pay. I am an admirer of the work and hope in the near future to go in it for a business.

Thanking you again, I am,

Respectfully yours,

R. S. TONEY.

Ernest Kellerstrass.

Dear Sir:—I received your book. Comparatively speaking, it is WORTH MORE MONEY.

Very truly yours,

GEO. W. CAMPBELL.

The American White Orpington Club,
Richmond, Va.

Dear Mr. Kellerstrass:

Received the book O. K., and it certainly is brim full of meat; you have the other fellows beat a mile for real down chicken information, and I have all of the books, as well as some practical experience in the 15 years I have been breeding.

Fraternally,

F. S. BULLINGTON.

Hurst Pierrepont,
Garrison-on-Hudson, N. Y.

Thanking you again, I am,

Respectfully yours,

R. S. TONEY.

Grey Bull, Wyo.

Received book all right. It suits me fine. Is worth its money in any man's country. Yours as ever,

J. T. ROBINSON.

Oklahoma City, Okla.

Mr. Kellerstrass

I have read your book with deep interest, and want the satisfaction and pleasure of telling you how much I admire your wonderful enterprise, your unbounded success and your most beautiful and peerless poultry. I have the greatest wish to visit your farm, and as I am honored with a permit, I hope some day to avail myself of the privilege.

It must be a great satisfaction and joy to you to have been able to do all you have done, and to have given inspiration to very many people.

It is not probable that it would be possible for anyone to excel you. You have no doubt brought poultry raising up to the goal of excellence, but if in the future there should happen to be others capable of following your great example, you will have reason to rejoice that you were the first to give them such an inspiration. What greater good can we do in the world than to be an example so perfect in whatever way that others may desire and succeed in following. What most people need is inspiration. Many talents lie dormant. The desire has not been roused to put forth interested efforts.

When one such as you and Luther Burbank come to the fore it has the effect of stirring desire and ambition. Blessed are such individuals; they have accomplished a great work, and posterity will not forget them.

Sincerely yours,

M. BECKWITH.

Winchester, Kans.

Dear Sir:—Received the book all O. K. this a. m. and find same very interesting and full of GOOD SOUND LOGIC.

Yours truly,

CHAS. FORSYTHE.

Mr. E. Kellerstrass,
Kansas City, Mo.

Buffalo, N. Y.

Dear Sir:—Received your book all right. Am well pleased with book; best dollar's worth I have ever received.

Yours truly,

CHAS. P. GOETZ.

Mr. Ernest Kellerstrass,
Kansas City, Mo.

Adah, Pa.

Dear Friend:—The book at hand. I got so much interested in the book that I couldn't lay it down. It is the best book that I ever opened on poultry talk. I think every person that has a bird on his lot or farm should have one of these books. I was surprised when I read where you opened those chicks and found lath nails and tacks in their craws. I never heard of such a thing; it stands to reason that would kill them.

H. M. GROVER.

Irvington, N. J.

Ernest Kellerstrass:

Dear Sir:—Received your poultry book; it is worth many times the price, and should be in the hands of everyone handling chickens, as it contains information that would take many years to learn.

Yours very truly,

JOHN SELFELDER.

Kellerstrass Farm,
Ernest Kellerstrass, Prop.,
Kansas City, Mo.

Elyria, Ohio.

Dear Sir:—I was very much interested in your book, as I believe that it gets closer to nature than any other book that I have seen, and am much interested in your Crystal White Orpingtons.

Yours very truly,

H. H. CLOUGH.

Ernest Kellerstrass,
Westport Station,
Kansas City, Mo.

Dear Sir:—Please find enclosed check for \$2.00 for two copies of your "New Book on Poultry." I received a copy of this book from you some weeks ago, but it was so admired by a friend that I gave it to him, and now want one for my own use.

Very truly yours,

THEODORE CRANE.

Fiske's S.C. White Leghorns

WIN ANYWHERE AND EVERYWHERE

At Madison Square Garden, 1910-11

1 Pullet, 3 Pen, on three entries.

At Boston, 1911

1-2-3-4-5 Cock, 1-2-3-5 Hen, 1-2-3-4-5-6 Cockerel, 1-2-3-4-5 Pullet, 1-2 Pen. American Cup for best Cock, Hen, Cockerel and Pullet in whole show. A. P. A. Grand Prize for best Cockerel in show.

At Buffalo, 1911

1-2-3-4-5 Cock, 1-2-4-5 Cockerel, 1-2 Pen.

—————MATING LIST NOW READY—————

SKYLANDS FARM, HARLO J, FISKE, Mgr.,

STERLINGTON, N. Y.

“BABY CHICKS OF QUALITY”

FISHEL STRAIN WHITE PLYMOUTH ROCKS

Single Comb White Leghorn

Barred Plymouth Rocks

Single Comb Rhode Island Reds

EACH breed the product of a speciality breeder of many years experience with his special breed. All chicks are strong and healthy and will develop into a pleasing maturity. : : : : :

Safe Arrival Guaranteed

Prices Moderate

—————
SEND SIX CENTS IN STAMPS FOR MY VERY HANDSOME CATALOGUE GIVING DETAILS
—————

R. C. CALDWELL, Box 102-A, LYNDON, ROSS COUNTY, OHIO

C. M. REYNOLDS' WHITE PLYMOUTH ROCKS



A Prize Winner. The Best in the West Strain.

THE BEST IN THE WEST

WINNERS at Cleveland, Ohio State Fair, Omaha, Topeka, Hastings and in fact all the big shows where "Quality" talks. All my best pens are headed by winners at the late 1910-11 shows. If you want exhibition birds, breeders, utility flocks, eggs for hatching or baby chix, it will pay you to write me, as I give my whole time and attention to this one breed, ship on approval and guarantee satisfaction. *Largest exclusive breeder of White Rocks in the West.* Express paid on baby chix, safe arrival guaranteed. Eggs from best matings \$5.00 per 15, \$25.00 per 100.

WRITE FOR MY FREE ILLUSTRATED CATALOGUE

C. M. Reynolds, Box G, Fullerton, Nebraska
Life member of both American Poultry Association and White Plymouth Rock Club

Write Your Name on a Post Card for Big 112-Page Poultry Book **FREE**

GREATEST POULTRY CATALOG EVER PUBLISHED

You will be surprised at the amount of valuable information this big 112 page catalog contains—and the good part of it is, it is just the kind of information you want. For example the very first article is "Poultry Possibilities on the Farm"—tells how you can raise poultry and make five times the profit you can in pork or beef.

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How to Select Breeders, Layers, Etc.
How to Feed Layers.
How to Fatten and Feed Chicks
How to Grow Ducks.
Poultry Buildings.

Winter Laying Houses.
Incubating the Eggs.
Lamp or Fireless Brooders.
Diseases—How to Prevent and Cure.
What Systems are Best and Many
Other Important Topics.

In the 30 years we have been building incubators and brooders we have never published such a helpful, instructive and valuable book. It also tells how the big, leading poultrymen conduct their poultry farms—gives their experiences—the kind of equipment they use. No catalog published approaches this new book. Describes the

1911 Prairie State Incubators

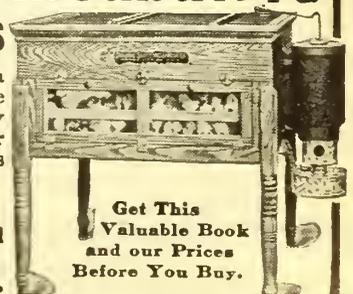
BROODERS, HOVERS, COLONY HOUSES

which have maintained the lead 30 years as the most successful, efficient and economical machines made. The Sand Tray Prairie State Incubator is a decided improvement over others. No other machines are fitted with this Special Device which accounts for its big hatches of strong, vigorous "chicks that live." Catalog fully explains this. The Prairie State Universal Hover is another exclusive improvement for rearing chicks. It reduces the death loss by furnishing ideal brooding conditions. With this device and a piano or dry goods box you can build your own brooders. You ought to

Send for this Valuable FREE Book at Once

See what the successful ones are doing—see what the best equipment will do for you and how you can make the most money in the shortest time, with least trouble and expense.

PRAIRIE STATE INCUBATOR CO. 481 Main Street, Homer City, Pa.



OWEN FARMS

Eggs for Hatching

If Owen Farms will sell you eggs for hatching from the very same pens they are using to produce their eggs for hatching their whole and entire flock, can you ask for more? If they say to you that they will have on their farm mated up only such males and females as they confidently believe will produce birds of the very highest ideal in type, quality and exhibition points, birds mated together that, from their experience of many years, they can well-nigh know will produce birds that they themselves desire, can you ask for more? This is exactly what Owen Farms undertake to do on honor and to the very best of their ability. There will be no pens mated on Owen Farms from which we will sell eggs for hatching that will not contain the quality and the breeding chance that will not justify a very much larger price, but we, from our experience last year, are thoroughly and entirely convinced that our arrangement to give each and every one a good, fair, square chance at the best of the year is the only equitable arrangement.

Our prices will be the same in each and all of our varieties and are as follows:

10 Eggs for.....	\$ 7.50
11 Eggs for.....	8.25
12 Eggs for.....	9.00
13 Eggs for.....	9.75
14 Eggs for.....	10.50
15 Eggs for.....	11.25
50 Eggs for 60c each.....	30.00
100 Eggs for 50c each.....	50.00

We guarantee a good hatch. In the event of your not having a satisfactory hatch, we will furnish you a number equal to your first order at one-half price. Express charges will be prepaid on all orders for eggs (ten or over) for original orders but not on eggs at half-price, either on account of unsatisfactory hatch or on account of lateness of the season, which half-price season commences June 1st.

Catalogues

We have a general catalogue which treats of the following subjects:

PERSONNEL
BUSINESS METHODS
CORRESPONDENCE
PRICES
SHIPMENTS
EARLY ORDERS
GUARANTEES
BREEDING STOCK
SHOW STOCK
INDIVIDUAL RESPONSIBILITY
HONEST ADVICE
FOREIGN TRADE
CONFIDENCE
EGGS FOR HATCHING
VISITORS

We have a mating list which we are ready to send you. We have a special catalogue on White Orpingtons and are preparing a special catalogue on each and every one of our breeds. These in due course we shall announce and send to all of those who desire them. Be sure and mention the breed you desire when writing.

Our Pen Headers for 1911 Full Description of Each Male and Pedigree of Females in 1911 Mating List

White Orpingtons

Son 1st Boston ckl.....	1910
Son 1st Boston cock.....	1910
Son 1st New York ckl.....	1910
Son 1st New York cock.....	1910
Son 1st New York ckl.....	1910
1st Boston cock.....	1910
1st Boston ckl.....	1910
1st Pen ckl., Boston.....	1910
Son 1st Boston Pen ckl.....	1910
1st New York cock.....	1910
Superb imported ckl.....	
Son 1st New York cock.....	1910
1st and Cup, Club Show.....	1909
Son Cup Winner.....	1909
1st and Cup, Club Show.....	1910
Perfection imported ckl.....	
Son Cup Winner.....	1909
Son 1st New York ckl.....	1910
Another grand imported ckl.....	
1st New York ckl.....	1910

Buff Orpingtons

1st Boston Pen ckl.....	1909
2nd N. Y. cock.....	1909
5th N. Y. ckl.....	1909
Grandson 1st Cleveland ckl.....	1908
Grandson 1st New York cock.....	1908
2nd Pen Male N. Y.....	1911
1st Pen Male N. Y.....	1911
2nd N. Y. cock.....	1910
Grandson 1st N. Y. cock.....	1907
2nd Cockerel N. Y.....	1911
Grandson 1st N. Y. ckl.....	1906
Son 1st Boston ckl.....	1910
Son 2nd N. Y. cock.....	1911
Son 1st N. Y. Pen Male.....	1910
Son 1st Boston ckl.....	1909
1st N. Y. Pen ckl.....	1910
Son 2nd Boston ckl.....	1910
2nd New York cock.....	1911
5th New York cock.....	1911
1st Boston ckl.....	1909

Black Orpingtons

1st Boston ckl.....	1910
1st Boston Pen ckl.....	1910
1st Philadelphia cock.....	1910
2nd Boston ckl.....	1910
3rd Philadelphia ckl.....	1910
1st Boston Pen ckl.....	1911

White Plymouth Rocks

1st Pen Male, N. Y.....	1909
1st Boston cock.....	1910
1st Pen Male, N. Y.....	1910
1st Pen Male, Boston.....	1910
2nd Boston ckl.....	1910
1st Boston ckl.....	1909
2nd Boston cock.....	1910
1st N. Y. cock.....	1909-1910
2nd Pen Male, N. Y.....	1909
2nd Pen Male, N. Y.....	1910
Best Son 1st Pen Male, N. Y.....	1909

ORDER EARLY.

Please order early. January 1st we had received 60 per cent. as many orders for eggs for hatching as we received in the whole of last year. It will be desirable and necessary for you to order early, specifying the date you wish shipment. We do not wish to disappoint you. We will do our best if you give us time.

Best Son 1st Boston cock.....	1910
Best Son 1st Pen Male, N. Y.....	1910
Best Son 1st Pen Male, Boston.....	1910
Best Son 2nd Boston ckl.....	1910
Best Son 1st Boston ckl.....	1909
Best Son 2nd Boston cock.....	1910
Best Son 1st N. Y. cock.....	1909-1910
Best Son 2nd Pen Male, N. Y.....	1909
Best Son 2nd Pen Male, N. Y.....	1910

Barred Plymouth Rocks

(Cockerel Matings)

3rd New York cock.....	1910
5th New York ckl.....	1910
1st N. Y. Pen ckl.....	1910
2nd Ckl, Boston.....	1910
2nd N. Y. cock.....	1911
Best Son 1st Pen Male, N. Y.....	1910
Best Son 2nd N. Y. cock.....	1911
Best Son 3rd N. Y. cock.....	1910

(Pullet Matings)

Sire 1st N. Y. Pen Pullet.....	1910
Brother 1st N. Y. pullet.....	1909
Head 1st pullet pen, N. Y.....	1910
Brother 1st pen pullets, N. Y.....	1910
Son 1st N. Y. pullet.....	1909
Son 2nd N. Y. hen.....	1911
Brother 2nd N. Y. hen.....	1911
Ckl from 1st pen pullets, N. Y.....	1910

White Wyandottes

2nd New York ckl.....	1908
1st pen Boston.....	1910
1st pen Male, N. Y.....	1903
Display Male, N. Y.....	1911
1st Pen Male, N. Y.....	1910
4th Pen Male, N. Y.....	1910
3rd Boston ckl.....	1910
Son 1st Chicago ckl.....	1908
Grandson 1st Chicago ckl.....	1908
Son 1st Boston pen male.....	1910
Son 1st N. Y. pen male.....	1909
Son 1st N. Y. pen male.....	1909
Best Son Display Male, N. Y.....	
Best Son 1st N. Y. pen male.....	1910
Best Son 3rd Boston ckl.....	1910
Best Son 2nd N. Y. ckl.....	1908

S. C. Rhode Island Reds

Display cock, N. Y.....	1911
Superb yearling cock. A wonder.	
Sound red cock. Extra black points.	
1st Brockton pen male.....	1910
Superb Red ckl. Fine type and color.	
Best ckl. seen this year.	
Almost perfect colored ckl.	
Son display cock, N. Y.	
Son 1st N. Y. Pullet.....	1908
Brother 1st N. Y. pullet.....	1910

R. C. Rhode Island Reds

3rd New York ckl.....	1910
Son 3rd N. Y. ckl.....	1910
Son 3rd N. Y. ckl.....	1910
1st Brockton pen ckl.....	1910
Son 1st N. Y. cockerel.....	1910
Son 1st N. Y. cockerel.....	1910

STOCK.

We have in all of our varieties birds just coming to their very best for showing and for breeders, and we will be very pleased to have you write us concerning them. Write fully in your first letter; give us the best idea you can of the quality desired. We will answer you promptly and do our very best.

OWEN FARMS, 115 William Street, VINEYARD HAVEN, MASS.

WM. BARRY OWEN, Proprietor.

MAURICE F. DELANO, Manager.

MENTION AMERICAN POULTRY WORD WHEN WRITING ADVERTISERS. READ GUARANTEE PAGE 2 COVER.

OWEN FARMS

White Orpingtons Stock Eggs for Hatching

While I will not say that Owen Farms has furnished more stock than any other breeder of White Orpingtons in America this year, I am decidedly positive that we have furnished more winners for the largest and most important shows in the country for our customers than any other breeder three times over. Wherever we have sent our birds and whatever the competition we have met they have been extraordinarily successful. We therefore think it absolutely fair and right that we should say, because we believe it, that we can furnish stock in this grand breed of better quality at a fair price than any one else in this country can or does. Could I but frankly recite to you the history of our White Orpingtons in the show room from Allentown to Boston, from the extreme east to the extreme west and from the extreme north to the extreme south, I would know there would be no doubt or question in your mind concerning it.

Our eggs for hatching last year produced the quality of White Orpingtons all of our customers were looking for. That we shall do far better for our customers this year, I know positively well. Take it from me as being so, that you will get far better results and more winners from our eggs for hatching this year than last. The price is right, allowing you to get more and better birds for your money than anywhere else.

Buff Orpingtons Stock Eggs for Hatching

We showed Buff Orpingtons at Madison Square Garden this year. We did not intend to do it but at the last moment, on account of the illness of a customer for whom we were expecting to show, we found ourselves with a magnificent string of birds all ready for showing and so entered them. A large string was brought over from England by Mr. Bell. Other birds in Buff Orpingtons were brought over by another English breeder, especially the First Crystal Palace Pullet (which was catalogued at \$1,000), which was Sixth to our First Pullet. Representatives were there from Canada. Wm. Cook & Sons were represented by a string Sunswick, Miss Hooker, indeed most breeders of prominence in the United States were in the competition. We won FIFTEEN POINTS more than our closest competitor, who was Bell of England. First Buff Cock, the champion Buff male of America, was the same bird that won last year. This bird was bred by us and hatched from a sitting of eggs which we sold in the spring of 1908. We were Second with a very near relative of this bird and it was very close between the two. We also won Fifth in Cock. We won Second in Hen and also Third in Hen. We won Second in Cockerel, a very close second indeed to the winner. We won First in Pullet and First and Second in Pens. This is the first time for years that First and Second Pens have been won by the same exhibitor. Thus you see that Owen Farms was the only exhibitor placed in every class and in no class lower than second, and winning by far the most of any one and making by far the best showing. This is only in accordance with the work that we have been doing for many, many years in Buffs, and I cannot urge you too strongly to take it for a fact that Owen Farms has the best flock of Buff Orpingtons in this country and I may almost say, from the English competition that was there, the best flock of Buffs in the world.

You can pay more money for eggs for hatching in Buffs than we ask but I assert you cannot get better quality.

Black Orpingtons Stock Eggs for Hatching

Our Black Orpingtons have always been strong and this year they are stronger than ever. The best evidence of our strength is to read carefully the list of pen headers that are heading our pens this coming season. There is scarcely a bird in our whole lot, male or female, that has not evidenced his or her great form, both in every quality that makes a winning bird in the showroom and that has been tried out as a breeder, so that we know that the results which we are predicting from these pens will be more than fulfilled. While the number of pens is not large, the quality is extremely high, and we shall be very glad to give to those enthusiastic breeders of the Blacks the assistance which we know so well we can furnish.

White Rocks Stock Eggs for Hatching

Here again our strongest presentation of the White Rock situation is in asking you to very carefully notice the list of birds heading our pens for this coming season. I dare to say that never before in the history of breeding White Rocks

were there ever such male birds together on one farm, mated to females that are very near perfection in each and every detail. Seldom does Owen Farms fail to win in White Rocks where they undertake to do so. Numbers in White Rocks at Owen Farms is not the feature we are striving for. While we have many, many White Rocks, quality is the first consideration, and in offering to you our eggs for hatching from these pens I dare to say that there is more first-class, world-championship quality many times over than is represented anywhere else.

We have grand birds as well to offer you for breeding and shall be glad to have you take it up with us at the earliest possible moment.

Barred Rocks Stock Eggs for Hatching

If Owen Farms were not handling the most popular breeds of poultry in the United States, particularly the Orpingtons, White Rocks, White Wyandottes and R. I. Reds, we should certainly call this a Barred Rock year. For true it is that the constant, persistent demand for Barred Rocks with us has been more than satisfactory and we have furnished over the United States some of the most successful winners in the leading shows. The demand arose very early and has been continuous and steady from the very beginning of the season up to the present time. Our wonderful win in pens at New York last year certainly led all of our customers to believe that we could furnish matched pens of wonderful winning quality and our trade in this department has been uncommonly large and successful. Then, again, from all over the United States enthusiastic breeders of Barred Rocks have indicated their belief that Owen Farms could help them in the breeding, both in the cockerel and pullet line and from all accounts we are positive that this has been done and we have no hesitation in affirming that in considering and reading carefully the description of our mated pens, and especially the male birds heading them, that you will agree with us that our chance of furnishing the best Barred Rocks of the year is very bright. We expect this result. Mr. Cosh, Mr. Delano and the writer say to you with all frankness that they are more satisfied with their matings in Barred Rocks, both in the cockerel and the pullet line, for the season of 1911 than they have ever been before in their history. Fertility is already known to be exceptionally good. The birds are in magnificent condition and taking into consideration Owen Farms' tremendous interest in this variety and their very deep purpose to give you results, they feel that you can depend upon them in furnishing you the best Barred Rock possibilities of the year.

We have now ready for shipping grand breeding birds in both cockerels for cockerel matings and for pullet matings, and are stronger in wonderful cockerels for pullet mating than we honestly believe anyone else can be.

White Wyandottes Stock Eggs for Hatching

Constantly during the past years we have been saying extraordinary things about our White Wyandottes. Much of it, if not all of it, has been based upon the very extraordinary record which we have made at Chicago, New York and Boston. The truth, however, if we told it in its entirety, would show that even these winnings we have made would form a very, very small portion of the wonderful winnings that have been made by us for birds in the hands of customers. The field has been the very broadest, from the Atlantic to the Pacific and from North to South. This has proved and indicated that our type is the one approved by the judges everywhere. Never are we surpassed in head, including all the details of that section. Never are we beaten in type, including wonderful breadth of back and spread of tail and full, deep breasts. Always are they white, maintaining that beautiful whiteness under any and all circumstances. Our matings this year include the best birds in cocks, hens, cockerels and pullets that any farm in this country ever had the possibility of mating together. The results from them, we are as near positive as one can ever be, will bring about the most marked successes of the year. As we have said before, so we repeat, that we cannot use too strong language in describing either the birds we have or the possibilities given to our customers in eggs for hatching.

We bred White Wyandottes over a longer period of time this year than perhaps any other variety. We have had birds that were absolutely right to win for our customers in the shows that have passed. We have others that are now at their very best and others that are approaching their very best and never were we better prepared to furnish birds of the very highest show quality or birds for foundation breeding. We will tell you about them by special letter. We are more than willing to send our White Wyandottes on approval. We say to you, you are under no obligation to Owen Farms until after you have seen, inspected and accepted them. We pay return express charges where birds are not approved and we return all money with absolute promptness.

OWEN FARMS, 115 William Street, VINEYARD HAVEN, MASS.

WM. BARRY OWEN, Proprietor.

MAURICE F. DELANO, Manager.

MENTION AMERICAN POULTRY WORLD WHEN WRITING ADVERTISERS. READ GUARANTEE PAGE 2 COVER.

OWEN FARMS

Rhode Island Reds Stock Eggs for Hatching

Hundreds of letters have we received from people all over the United States congratulating Owen Farms that they have taken up the Rhode Island Reds. Many of these letters have given as a reason for their congratulation that they now know of a place to which they can send for Rhode Island Reds either for stock or for eggs for hatching where the results will be entirely satisfactory for the money spent. Two days ago a prominent breeder from the West went all through our mated pens. He afterwards said that he never believed such average quality in Reds could have existed on any farm in the United States. His commendation of our male birds was the strongest that any visitor to Owen Farms has ever uttered. Mind you, he handled every male bird in the pens and found not a trace of smut and not a feather showing white in any of these male birds. Now, the writer states positively that as far as our experience goes, the hardest breed in the United States to breed true is the Red, and while he would not lead you to expect that all the birds you might raise from eggs for hatching from Owen Farms in Rhode Island Reds would prove to be marvellous and perfect, he does say and does believe that you cannot secure eggs for hatching from any other source that will give you a better percentage of good birds than from this farm.

Single Comb Rhode Island Reds

We have mated up not a large number of pens for our egg trade, but those we have mated up are of sterling quality. Special attention has been given to the selection of the females so that each and every one shall, according to our knowledge of breeding, mate with the male bird used so as

to secure the very best result. A description of the headers of these pens you will find in the mating list. We hope and we expect to give you satisfaction. We have already booked a large number of egg orders in Single Comb Reds and we advise, on account of our limited quantity this year, very early ordering.

Rose Comb Rhode Island Reds

A word about our Rose Combs. The best Rose Comb Reds in this country as a flock that have ever been produced were developed by Mr. Bean of South Braintree, Massachusetts. A year ago in New York, Mr. Bean showed three Rose Comb Red males, winning first, second and third, and it was universally admitted that the one called Sensation and winning first was the best Rose Comb Red male in the world. The third cockerel was equal to him in quality, but was younger and was beaten only on development. It happened that Owen Farms became possessed of the third cockerel of New York during that year, one of the three Bean birds, and it is through him that we have secured the whole of our foundation flock and blood in Rose Combs. This cockerel has gone on and made a bird we believe to be the best Rose Comb cock bird in America today, since his brother, Sensation, died a few hours after winning first at the New York Show this year. Fortunately, also, we have been able to add to our matings two sons of Sensation that we consider to be two of the very best birds of the year. One of these birds headed our display cage at New York and was pronounced by everybody there as one of the marvellous birds of the year. We dare to say that in these birds and the other pen headers which we describe particularly in our mating list, we have in Rose Combs, the birds right here that will, in our opinion, give the best results of the year. We are very confident of pleasing you if you place your orders with us. We have some grand stock also in Rose Comb Reds ready for mating and shall be glad to receive your orders for them.

OWEN FARMS, 115 William Street, VINEYARD HAVEN, MASS.
WM. BARRY OWEN, Proprietor. MAURICE F. DELANO, Manager.

Christie's S.C. White and Brown Leghorns

THE GREATEST LAYERS OF LARGE WHITE-SHELLED EGGS IN THE WORLD TODAY



ONE BUT THE BEST---none but those that have shown us beyond a doubt that they have proved by their past performances to be *sterling layers* are ever allowed to enter our breeding pens.

¶ Five hundred robust and vigorous, two and three year old hens constitute our breeding pens this season, each one a picture of health and beauty, and each one a bird of rare quality. Imagine the hardy and thrifty, fluffy youngsters, the offsprings of these birds are like, and there is not one particle of doubt in our minds where you will place your order.

¶ Every claim we make for our *Leghorns* is backed up by years of practical experience and thousands of pleased customers. Write for our illustrated catalogue, it will interest you.

S. C. White and Brown Leghorn Day-Old Chicks after March 1st
\$15.00 per 100

Wayne Poultry Farm,

F. W. CHRISTIE, Prop.
Box 67,

Stony Point, N. Y.

The Pure Strain Farms Co.

CAPITAL, \$100,000

Common Stock, divided into 10,000 shares
Par Value \$10.00 FULL PAID and NON-ASSESSABLE



THE Pure Strain Farms Co., now own and operate the farm known as the Pure Strain Farm, located at Scottsville, Monroe County, N. Y., consisting of 220 acres. Heretofore the owner has operated a breeding plant, raising for sale and show purposes what are known as the "Pure Red Strain Rhode Island Reds" and famous throughout the country because of the many prizes taken at the different Poultry Shows where they have been exhibited.



The Gentlemen in charge of the farm and responsible for the remarkable showing made with their fowls, have gained a national reputation in this line and justly so, because they thoroughly understand the business and its possibilities, consequently they are able to say with a reasonable degree of certainty, what profit can be made with a specified amount of capital invested and we respectfully request your careful consideration of the plan outlined and which is briefly submitted for your approval.



The Owners of the Pure Strain Farms have decided to go into the more profitable Egg and "Day Old Chick" business. To carry out their plans there must be available about \$30,000 and it is proposed to raise this money through the sale of stock, hence the Corporation—The Pure Strain Farm Co., with \$100,000 Common Stock, and disposition of said stock as follows: The owners have turned their farm over to the Corporation for \$50,000 of stock, of the remaining stock it is planned to sell about \$30,000 at par, the balance to remain in the treasury of the Company. There is no promotion stock. The books of the Company will be open to those interested at any time, showing the disposition of every share of stock issued and amount received for same.

The Organizers and present Directors of the Pure Strain Farms Company are:

CHAS. W. HARTUNG, Sale and Exchange Stables

FREDERICK A. BROTSCH, JR., Contractor

CHAS. W. AUGENSTEIN, Superintendent Pure Strain Farms

Present assets of the Company: 220 acres of farm land, large brick house, concrete cow and horse stables, poultry houses and other buildings; 60 acres of young orchards. Conservatively estimated to be worth \$60,000. Plans for the expenditure of money obtained through the sale of stock and a general prospectus of the business will be cheerfully furnished upon application.

General Office of **PURE STRAIN FARMS CO.**, ^{11 TRIANGLE BUILDING,} Rochester, N. Y.
FARMS, SCOTTSVILLE, NEW YORK

WRITTEN FOR OUR MUTUAL BENEFIT

IN EVERY SALE OR TRADE both parties to the transaction should be benefited. That is a basic rule in the business world of today. This advertisement is written (and paid for) with the hope of directly benefiting *each and every poultry raiser* who reads it, as well as ourselves.

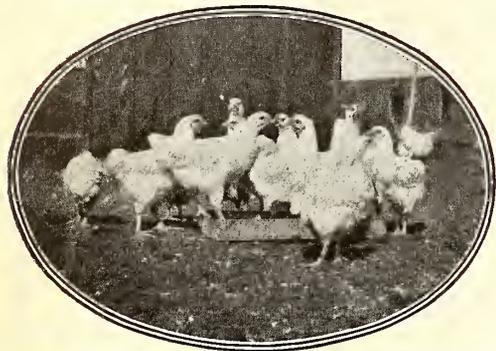
The Cyphers Company has Chick Food for sale and you, Reader, *ought to buy and use it*—in your own interest, for your own profit! We know that this is so, and we are spending our good money to convey the information to you.

We want very much to sell you *one sample bag* of our six-grain, balanced ration, finely granulated, machinery-mixed Chick Food. We will then leave it to you to decide—*on actual results*, on a personal test—whether or not you want another bag, or will ever want another ounce of it!

If we did not know what the outcome of this test would be—if we were not positive that in a large majority of cases *the use of this trial bag would bring us further orders*, we simply could not afford to pay for this advertisement—and this fact is our guarantee to you of quality, of satisfaction, of *profitable results*.

Among the *most valuable discoveries* made in behalf of poultry-raisers during the last dozen years, the greatest in *real importance* is the use of dry-grain, evenly-granulated, properly-balanced food for *little chicks* in place of the raw and “cooked” messes and the coarse-grain, irregular mixtures that were fed to chicks “any old way” *until recent years*, even by well-informed poultry raisers.

It has long been said that “*the proof of the pudding* is in the eating of it.” The proof of the value of Cyphers Sealed-bag, Trade-Mark Brand, Balanced-ration Poultry Foods *is in the feeding of them*—is to be found in the *highly profitable results* obtained by our thousands of customers who last season used more than a quarter of a million dollars (\$250,000.00) worth of these foods. Following is evidence down to the minute:—



White Wyandotte chicks raised on Cyphers Sealed-bag, balanced-ration Chick and Developing Foods. At ten weeks old a pair of them weighed exactly six pounds.

Recent Sample Reports from Customers

“Nothing Else as Good”

Sayreville, N. J., Jan. 12, 1911.

Cyphers Incubator Co., Buffalo, N. Y.

I have been using your Chick Food and Developing Food for my chickens the last three years and would not think of raising chickens without them. I have used several other kinds, but am satisfied there is nothing else as good on the market for growing chickens as your ready-mixed and balanced-ration foods.

J. M. BLEW.

“Chick Loss Was Stopped”

York, Neb., Jan. 8, 1911.

Cyphers Incubator Co., Buffalo, N. Y.

I have used your Poultry Foods exclusively for the last six years. These foods are unsurpassed—especially the Chick and Developing Foods. Before that time I had used most anything called “chick food” sold by local grocers and feed dealers, and they were called the best of course, but I continually lost chicks and it was not until I began using Cyphers Chick Foods that I found out where the trouble was and the chick loss was stopped. I know your foods to be all that you claim for them.

STROBEL'S ORCHARD FARM,
Fred. Strobel, Prop.

His Chicks Stopped Dying

Cuba, Mo., Jan. 24, 1911.

Cyphers Incubator Co., Buffalo, N. Y.

Last season I used your Chick Food and found it just the thing. None of my little chicks died after I began using it and they grew like weeds. I tried another kind of chick food from another firm and had about 250 chickens that I fed it to. Most of them died before I realized what was the matter. As a result of my experience I have resolved never to use any other kind of poultry food but Cyphers as long as I am in the business of raising chickens.

SAM. A. STACK,

“No Waste Material In It”

Lake View, Me., Jan. 5, 1911.

Cyphers Incubator Co., Buffalo, N. Y.

I have used different kinds of poultry foods, but I find yours to be far superior, with no waste material in it and it goes farther than any other kind I have used. Your Chick Foods simply make the birds grow and your Scratch and Laying Foods make my hens lay better than any other kinds I have tried.

WALTER COBB.

“Every Chick I Hatched”

Wheeling, W. Va., Jan. 5, 1911.

Cyphers Incubator Co., Buffalo, N. Y.

By using your Chick Food and Developing Food I brought up every chick I hatched last season, not losing a single one. I cannot speak too highly of your Chick Food, Developing Food and High Protein Beef Scraps. Have found your foods to be the best on the market and intend to use them exclusively hereafter.

J. W. MASON.

Found It “Very Nourishing”

Milladore, Wis., Jan. 20, 1911.

Cyphers Incubator Co., Buffalo, N. Y.

Have used your Chick Food for five years and attribute to it a great part of my success in raising young chicks. Have found this food very nourishing and it contains the proper variety of grains to make the chicks grow and to keep them in a good, healthy condition. I also use your Developing Food, Scratch Food, Laying Food and Beef Scrap with the best results and believe that any person using Cyphers Company foods will be successful, both with chicks and breeding stock.

J. W. CHERNEY, Sr.

“Simplicity of the Method”

Canton, Ohio, Jan. 3, 1911.

Cyphers Incubator Co., Buffalo, N. Y.

I am a strong advocate of Cyphers Chick Food for the simple reason that I have raised more and better chicks by feeding it exclusively from the first, than by any other method. By use of this food I am able to avoid the customary chick ailments and can readily bring my stock to weigh 2 to 2½ pounds at eight to ten weeks old. Coupling these results with the simplicity of the method, one could hardly ask for more.

OLD ORCHARD POULTRY YARDS,
Howard V. Kell, Prop.

“Bowel Trouble All Stopped”

Ashland, Kan., Jan. 5, 1911.

Cyphers Incubator Co., Buffalo, N. Y.

When I first began in the chicken business I had great discouragement in losing my chicks from bowel trouble. Finally I decided to try Cyphers Chick Food and I have never been sorry, for the bowel trouble all stopped and now I would not think of raising chicks without your Chick Food. Later I began using Cyphers Developing Food and I want to say to the chicken raising public, the more you use of Cyphers Company supplies the better success you will have—the more money you will make.

WESTSIDE LEGHORN FARM,
R. B. Lostutter, Prop.

“With Not a Single Case”

Doylestown, Pa., Jan. 9, 1911.

Cyphers Incubator Co., Buffalo, N. Y.

Last spring was the first time I used your Chick Food. I had very good success, raising 240 chicks out of 259, with not a single case of diarrhoea or gapes. I heard of chicks dying by the hundreds around here and believe I owe it to your Chick Food that I lost so few.

JOHN THURMAN.

“By Use of Your Foods”

Fort Wayne, Ind., Jan. 4, 1911.

Cyphers Incubator Co., Buffalo, N. Y.

For some time I have been wanting to write you in regard to your Chick and Developing Foods, also your Beef Scrap. I have used these foods in my yards since I started in the chicken business and want to say that they are easily the best I have been able to find. I would not try to raise chicks without your dry-grain chick foods. By the use of your foods it has been possible for me to raise some grand birds.

JAS. A. RYAN.



CYPHERS CO.'S
CHICK FOOD.

This 100-pound bag will feed 100 Newly-Hatched Chicks four weeks, or 50 chicks six to seven weeks. Price, \$2.50 f. o. b. Buffalo, Boston, New York City, Chicago and Kansas City. Price f. o. b. Oakland, \$3.00.



A copy of this booklet is supplied free to every user of Cyphers Company balanced-ration, sealed-bag Chick or Developing Food. Ask for your copy.

THIS ADVERTISEMENT MEANS YOUR SUCCESS

"Was No Waste At All"

Whallonsburg, N. Y., Jan. 4, 1911.
Cyphers Incubator Co., Buffalo, N. Y.
We have used your Chick Food, Developing Food and Scratch Food—and they were all good. The Chick Food was the best we ever had. We bought a local brand, but it was not nearly as good as yours. We could tell the difference in the way the chicks grew. The chicks always ate your food up clean—there was no waste at all—while with the other foods we tried there was waste.
GRAY VIEW FARM,
W. W. Fortune.

"Full of Chaff, Dirt, etc."

Jefferson City, Mo., Jan. 23, 1911.
Cyphers Incubator Co., Buffalo, N. Y.
I have used hundreds of pounds of your poultry foods, especially your chick food. A neighbor of mine bought some chick food of another firm and I compared mine with his. There really was no comparison, as his was full of chaff, dirt, etc., while yours was perfectly clean.
EDWARD T. SHOLTUS.

"Raised About 1,500 Chicks"

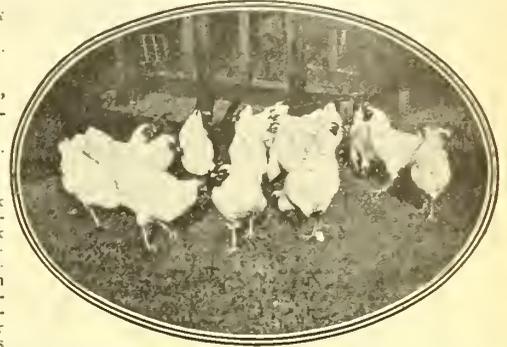
San Lorenzo, Cal., Aug. 15, 1910.
Cyphers Incubator Co., Buffalo, N. Y.
Since purchasing the large 390-egg Cyphers Incubator last February, we have hatched about 1,500 chicks, all strong and healthy. We have raised them on Cyphers Chick Food, Cyphers Developing Food and Cyphers High-Protein Beef Scrap exclusively. We cannot speak too highly of your foods and attribute much of our success to having used them, as when we started we knew nothing of the poultry business.
D. McMILLAN.

"Makes the Chicks Grow"

Bridgewater, Mass., Jan. 16, 1911.
Cyphers Incubator Co., Buffalo, N. Y.
We are using large quantities of your foods and supplies. We have used the Cyphers Chick Food with fine results, also your Developing Food, which certainly makes the chicks grow. Your foods are of uniform quality, free from waste or dirt and the chicks eat them up clean.
BRIDGEWATER POULTRY
FARM,
W. H. Withington, Mgr.

"Are Laying Right Along"

Taneytown, Md.,
Dec. 26, 1910.
Cyphers Incubator Co.,
Buffalo, N. Y.
I have used your Chick Food with very gratifying results. I have S. C. Black Minorca pullets weighing 5½ lbs. that are laying right along, which proves that your foods contain the right growing materials. To feed your Scratch Food—means plenty of eggs.
CLEARVIEW POULTRY
YARDS,
Wm. F. Bricker, Prop.



White Plymouth Rocks hatched in Cyphers Incubator, raised in Cyphers Brooder, and fed on Cyphers Foods. Several of these cockerels weighed seven and one-half pounds at four and one-half months.



CYPHERS CO.'S DEVELOPING FOOD.

This is a medium-Granulated, five-grain balanced ration that we advise our customers to feed to Growing Chicks Between the Ages of Six and Twelve Weeks, before they are given whole Grain. Write for prices.

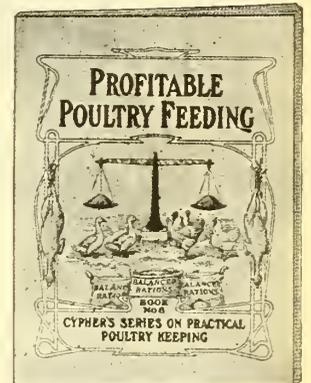
CYPHERS CHICK FOOD is sold in 50 and 100 lb. bags. Every sack contains a free booklet "Foods and Feeding" (see illustration), giving full directions for correct and economical feeding. One pound of this food will go as far and do more good than two pounds of by-product "chicken feed" of the ordinary kind. Test our strong claims by trying a sample bag—then you will know. It is always ready to use—and there is no waste! The chicks eat it all—eat it to the last particle. It preserves chick-health—the natural state. It insures rapid growth and is equally valuable for hen-hatched and for incubator chicks.

For a trial 100 lb. bag send \$2.50 to any of our places of business, except Oakland Cal. (Oakland Price per 100-lb. bag is \$3.00). Order from our place of business nearest you and thus secure low freight rate and quick delivery. Quantity prices mailed on request.

WE WERE PIONEERS in the manufacture and sale of granulated, dry-grain food for little chicks. Our Brand of Chick Food has been in successful use eleven years! CYPHERS CHICK FOOD consists of six different grains, and is a properly-balanced, long-tested, scientific ration. It is a complete food for young chicks—no other grain ration being required, or advisable.

This food is guaranteed by us to be composed entirely of sound and wholesome grains—no weed seeds, no by-products, no waste materials, no grit. It is granulated and mixed by special, patented machinery and is always the same—always reliable. Cyphers Chick Food—the genuine trade-mark article—is PUT UP IN SEALED BAGS to prevent substitution and to protect the interests of thousands of earnest men and women who year after year are raising chickens "the Cyphers Company way."

WE ASK YOU, READER, to try our way and to do it now, at the very beginning of the present season, when it will profit you most. One bag will tell the tale! The cost is a mere trifle. It will neither break you nor make us. At today's prices for sound, sweet, wholesome grains you could not possibly buy the separate ingredients of this food at as low cost from any local feed dealer. Besides this, there is the correct formula, the special machinery for proper granulation, cleaning and mixing, for successful manufacture—also our guarantee and the sealed bag for your protection.



ONE COPY of this book (64 pages, 8x11 inches, well illustrated) WILL BE SENT FREE to each customer who buys a 100-lb. bag of Cyphers Chick Food or Developing Food during the spring of 1911.

SPECIAL OFFER: TO EVERY PURCHASER of Cyphers Poultry Foods we supply free a sixteen-page booklet entitled "Foods and Feeding," which gives definite information on how to use our Foods to best advantage. **ADDITIONAL TO THIS** (for the season of 1911) we shall give to each customer who buys a 100-pound bag of Cyphers Chick Food and Developing Food, a free copy of Book No. 8 of the Cyphers Series on Practical Poultry Keeping, entitled "Profitable Poultry Feeding," a book of sixty-four large pages that contains much valuable information on the most successful methods of poultry feeding, both for chicks and adults. Only one copy sent to each customer. Ask for your copy when you send in your first order.

Send orders and address all letters to our nearest office and branch store, as follows:

CYPHERS INCUBATOR COMPANY

Factory and Home Offices, Dept. 31, BUFFALO, N. Y.

NEW YORK, N. Y.
23 Barclay St.

BOSTON, MASS.
12-14 Canal St.

CHICAGO, ILL.
340-344 N. Clark St.

KANSAS CITY, MO.
317-319 Southwest Boulevard

OAKLAND, CAL.
1569 Broadway

2,000
Selling Agents

ORPINGTONS Grand Exhibition and Breeding Stock

S. C. White, Buff and Black

Also Buff and Blue Orpington Ducks

Do You Want to Win at Your Shows

Hens
That
Lay

We breed our own Winners, and can supply birds to Win for you, or Eggs that will hatch next season's WINNERS

Eggs
That
Pay

We can supply
Grand Breeding Stock
in Pens, Trios or Single Birds

HATCHING EGGS FROM
GRAND MATINGS

1911

Book Your Orders Early
For Hatching Eggs
and so avoid delay in shipping

SEND FOR MATING LIST
AND CATALOGUE

NO BABY CHICKS

We have captured over 450 prizes, SPECIALS, CUPS, MEDALS, A. P. A. DIPLOMAS and SWEEPSTAKES at the leading shows in the country, such as NEW YORK, BOSTON, MASS., ALLENTOWN, PA., HAGERSTOWN and BALTIMORE, MD. Our Catalogue will give proof of our QUALITY from records which are facts.

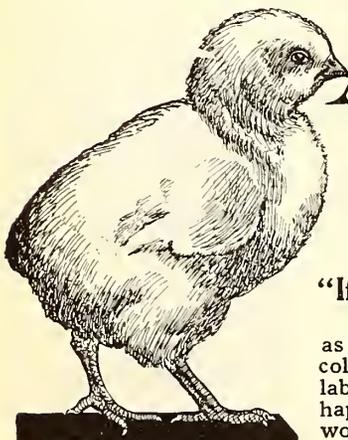
All Sunswick wins are made by ourselves, not bought with the BIRDS. Address,

SUNSWICK POULTRY FARM, SOUTH PLAINFIELD, NEW JERSEY

INSPECTION INVITED

RUFUS DELAFIELD, Owner

TRAINS MET



My Mother *Tycos* BROODER Uses A *Tycos* THERMOMETER

It is one thing to hatch chicks and it's another thing to raise them. "If I could only raise them," so many poultrymen have declared.

It's just as important to have the right temperature in the brooder as in the incubator. If it's too hot the chicks smother, and if it's too cold they crowd and sweat, then take cold, then diarrhea, then die. Time, labor and money lost. Now, if the temperature is right, the chicks will be happy and thrive, and grow rapidly into profits. Why take a chance and worry and fret when you can absolutely depend upon a

Tycos BROODER THERMOMETER

These thermometers are made of the same high-grade materials, by the same skilled workmen, and seasoned and tested, just like the *Tycos* Incubator Thermometers and *Tycos* Hygrometers, and they carry the same guarantee for accuracy and dependability. The *Tycos* Brooder Thermometer has magnifying lens front, thus making easy reading of the scale. Made in mercury tubes only to insure accuracy.

When you buy a Brooder or Hover, see that it is equipped with a *Tycos* Brooder Thermometer. You can buy brooding apparatus supplied with *Tycos* instruments, for the manufacturers have long since learned that the best is the cheapest. You can always depend upon the quality of the brooding apparatus supplied with a *Tycos* Thermometer. Send for Booklet and full particulars.

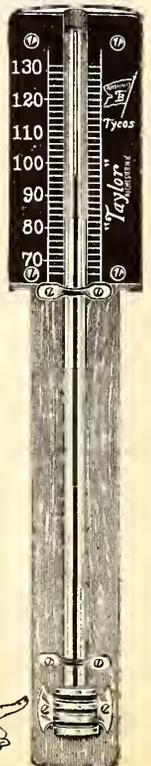
- Tycos* Brooder Thermometers, each... \$0.75
- Tycos* Incubator Thermometers, each... .75
- Tycos* Certified Thermometers, each... 1.50
- Tycos* Incubator Hygrometers, each... 1.50

Taylor Instrument Companies.
Rochester, N. Y.

WILBUR G. WATT
Breeder of WATT'S WHITE WYANDOTTES
Decatur, Illinois.

I have used the *Tycos* Thermometers for the past two seasons with the best of results and am pleased to recommend them to anyone desiring a dependable thermometer.

Wishing you success, I am, Yours Truly,
(Signed) W. G. WATT.



BARGAINS IN BOOKS

WE SAVE you money. "A dollar saved is a dollar earned." The following offers illustrate how you may secure one or more of our popular poultry books together with your subscription to *American Poultry World* at a saving of 15 per cent. to 30 per cent. of the regular price.

	Reg. Price	Both for
American Poultry World, one year	\$0.50	65c
Reliable Poultry Remedies25	
	\$0.75	
American Poultry World one year,	\$0.50	75c
Poultry Houses and Fixtures50	
	\$1.00	
American Poultry World, one year,	\$0.50	\$1.00
Rhode Island Reds75	
	\$1.25	
American Poultry World, one year	\$0.50	\$1.25
The Wyandottes	1.00	
	\$1.50	
American Poultry World, two years	\$1.00	\$1.00
Artificial Incubation and Brooding	0.50	
	\$1.50	
American Poultry World, two years	\$1.00	\$1.50
Successful Poultry Keeping	1.00	
	\$2.00	
American Poultry World, three years	\$1.50	\$1.25
The Chick Book50	
	\$2.00	
American Poultry World, three years	\$1.50	\$1.50
The Orpingtons,	0.75	
	\$2.25	
American Poultry World, three years	\$1.50	\$1.75
The Plymouth Rocks	1.00	
	\$2.50	

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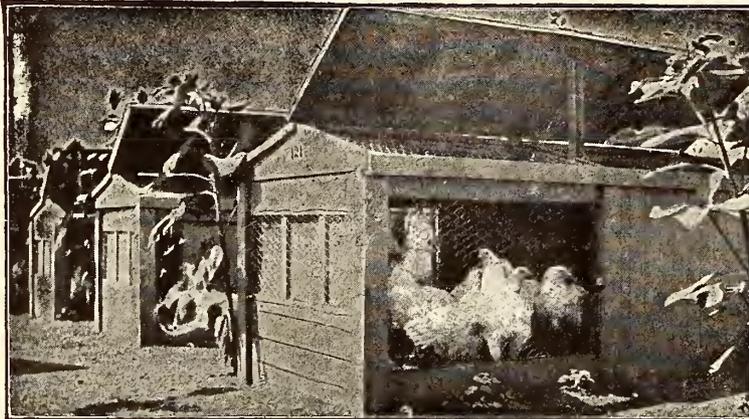
NOTICE: The foregoing "examples" simply illustrate how orders can be made up. Any two 25c books in the above list may be substituted for a 50c book in the examples, or any 50c book and one 25c book may be substituted for a 75c book, or two 50c books, or one 75c book and one 25c book may be substituted for a \$1.00 book, etc.

SEND ORDERS AND MAKE REMITTANCES PAYABLE TO

AMERICAN POULTRY WORLD, 158 Pearl St., BUFFALO, N. Y.

A LIVING FR

**\$1,500 from 60 Hens in Ten Months on a
City Lot 40 Feet Square**



Note the condition of the three months old pullet at the School Farm. These pullets and their ancestors for seven generations have never been allowed to run outside the coops.

The Philo System Is Unlike All Other Ways of Keeping Poultry

and in many respects just the reverse, accomplishing things in poultry work that have always been considered impossible, and getting unheard of results that are hard to believe without seeing.

The New System Covers All Branches of the Work Necessary for Success

from selecting the breeders to marketing the product. It tells how to get eggs that will hatch, how to hatch nearly every egg and how to raise nearly all the chicks hatched. It gives complete plans in detail how to make everything necessary to run the business and at less than half the cost required to handle the poultry business in any other manner.

Two-Pound Broilers in Eight Weeks

are raised in a space of less than a square foot to the broiler without any loss, and the broilers are of the very best quality, bringing here three cents a pound above the highest market price.

Our Six-Month-Old Pullets Are Laying at the Rate of 24 Eggs Each Per Month

in a space of two square feet for each bird. No green cut bone of any description is fed, and the food used is inexpensive as compared with food others are using.

Our new book, *The Philo System of Poultry Keeping*, gives full particulars regarding these wonderful discoveries, with simple, easy-to-understand directions that are right to the point, and 15 pages of illustrations showing all branches of the work from start to finish.

Don't Let the Chicks Die in the Shell

One of the secrets of success is to save all the chickens that are fully developed at hatching time, whether they can crack the shell or not. It is a simple trick and believed to be the secret of the ancient Egyptians and Chinese which enabled them to sell the chicks at ten cents a dozen.

SPECIAL OFFER

Send \$1.00 for one year's subscription to the *POULTRY REVIEW*, a monthly magazine devoted to progressive methods of poultry keeping, and we will include, without charge, a copy of the latest revised edition of the *Philo System Book*.

E. R. PHILO—64 LAKE STR

TO the average poultryman that would seem impossible, and when we tell you that we have actually done a \$1,500 poultry business with 60 hens on a corner in the city garden 40 feet wide by 40 feet long, we are simply stating facts. It would not be possible to get such returns by anyone of the systems of poultry keeping recommended and practiced by the American people, still it can be accomplished by the

Philo System

Chicken Feed at 15 Cents a Bushel

Our book tells how to make the best green food with but little trouble and have a good supply any day in the year, winter or summer. It is just as important to get a large egg yield without green food as it is to keep a cow without hay or fodder.

No lamp required. No danger of chilling, overheating or burning up the chickens as with brooders using lamps or any kind of fire. They also keep all the lice off the chickens automatically or kill any that may be on them when placed in the brooder. Our book gives full plans and the right to make and use them. One can easily be made in an hour at a cost of 20 to 50 cents.

Testimonials

South Britain, Conn., April 19, 1909.

Mr. E. R. Philo, Elmira, N. Y.

Dear Sir:—I have followed your system as close as I could; the result is a complete success. If there can be any improvement on nature, your brooder is it. The first experience I had with your system was last December. I hatched 17 chicks under two hens, put them as soon as hatched in one of your brooders out of doors and at the age of three months I sold them at 35c a pound. They then averaged 2½ lbs. each, and the man I sold them to said they were the finest he ever saw and he wants all I can spare this season.

Yours truly,

A. E. Nelson.

Elmira, N. Y., Oct. 30, 1909.

Mr. E. R. Philo, Elmira, N. Y.

Dear Sir:—No doubt you will be interested to learn of our success in keeping poultry by the Philo System. Our first year's work is now nearly completed. It has given us an income of over \$500.00 from six pedigree hens and one cockerel. Had we understood the work as well as we now do after a year's experience, we could have easily made \$1,000.00 from the six hens. In addition to the profits from the sale of pedigree chicks, we have cleared over \$960.00 running our hatchery plant, consisting of 56 Cycle hatchers. We are pleased with the results and expect to do better the coming year. With best wishes, we are,

Very truly yours,

(Mrs.) C. F. Goodrich.

DOM POULTRY

The Poultry Review

*A Monthly Magazine Devoted to Progressive Methods
of Poultry Keeping*

THE POULTRY REVIEW is edited by E. W. Philo, author of the Philo System Book and founder of the Philo National Poultry Institute.

It is edited and printed on a practical poultry farm, where experiments are being conducted and reported in full in the REVIEW. New discoveries and improvements are described and illustrated, and each issue contains a number of letters of experience and suggestion from followers of the Philo System.

Rev. W. W. Cox, our associate editor, is conducting a Philo System Plant, and his "Notes from a Six Hen Plant" in each issue have created considerable interest, and contain much valuable instruction. The first year's work on this plant netted over \$500.

In addition to the best original articles it is possible to obtain, a review of the best articles from over a hundred publications is made—the "cream" of the poultry press arranged for the busy reader.

Another thing that is proving of great value to our subscribers is our Information Department. Our editors are always ready to help subscribers. When any difficult problem arises and you see no way of solving it, write us, and we will give you a prompt personal reply. It is quite probable that we have had a similar experience and can help you. Although no charge is made for this service, it is worth many times the subscription price.

For 1911 the POULTRY REVIEW guarantees the largest circulation of any paper of its kind—over 100,000 copies monthly, reaching the best class of poultrymen in every state and over thirty foreign countries.



Photograph taken from the roof of the Philo National Poultry Institute, showing a portion of the poultry plant, where there are now over 5,000 pedigree White Orpingtons on less than half acre of land.

TESTIMONIALS

E. R. Philo, Publisher Poultry Review, Elmira, N. Y.

Dear Sir:—Of all the poultry journals I take, I would fail in all rather than in the Review, as I really like your paper for the pithy and sound articles. There is no dry reading in it as there is in other poultry journals, such as accounts of poultry shows that do not really concern any one but those who are written about. I do not think that any one in any part of the country cares who wins and who does not. It is all right in a local show, written and published by a local paper. Well, success and great success for the Review, and I hope to receive it regularly in the future.

Very sincerely yours,
R. G. Wetmore.

905 Douglas St., Greensboro, N. C.
Feb. 12, 1910.

Mr. E. R. Philo, Publisher,
Elmira, N. Y.

Dear Sir:—The Review came in its new dress today; quite an improvement in looks, and I am much pleased with it, as it tells you what you wish to know in a few words.

Yours for success
Milton Norman.



Sunflowers are planted along one side of the coops to provide temporary shade. Two years later the plum and peach trees set this spring will provide permanent shade.

SEE SPECIAL OFFER ON
OPPOSITE PAGE

EET — ELMIRA, NEW YORK

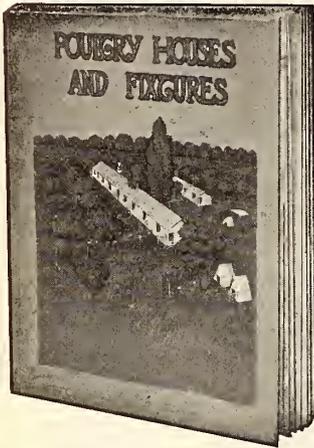
POULTRY HOUSES & FIXTURES

SEVENTH EDITION. REVISED AND ENLARGED. DOWN-TO-DATE

STANDARD WORK ON POULTRY HOUSE CONSTRUCTION

James E. Rice, Professor of Poultry Husbandry, Cornell University, Ithaca, N. Y., states: "Poultry Houses and Fixtures" is the best work yet written on the subject. I shall recommend it to our students as a text book on the subject of poultry houses."

COMPLETE PLANS FOR PRACTICAL BUILDINGS AND EQUIPMENT



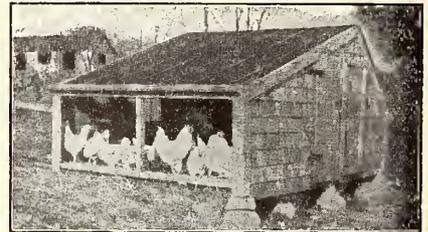
96 PAGES, 9 x 12 INCHES

PARTIAL CONTENTS OF THE BOOK:

Building a Poultry House: Facts to be Considered by the Poultryman Before Construction. The Influences of Location, Soil and Climate. Full Details of Construction.

Closed Front Houses: A Five-Pen Laying House. House for Laying Hens. Poultry House with Hallway. Double Poultry House. House for City Lot. Cheap House for Small Flock. Low Cost Poultry House. Successful Southern House. A Business Poultry House. A Hillside Poultry House. Continuous Brooding and Laying House. Bills of Materials and Interior Equipment for these houses.

Scratching Shed Houses: Poultry House and Scratching Shed. House for Southern Breeders. Scratching Shed Colony House. Roosting Room and Scratching Shed. House for Two Flocks. House for One Flock. A Tennessee Poultry House. Scratch Shed and Brooding House. Maine Experiment Station Curtain Front House. Farm-Poultry House. Maryland Curtain Front House. Cloth Filled Frames in Place of Glass Windows. A Village Poultry House. A Roosting Coop House. A Cheap Poultry House.



Specimen Illustration From Book (Much Reduced.)

Open-Front Fresh-Air Poultry Houses: Tolman 20th Century Fresh-Air House. Woods' Semi-Monitor Open-Air Type. California Poultry House. Woods' Open-Front House for Southern Breeders. Fresh-Air House for Cold Climate. Open-Front House for City Lot.

Portable Poultry Houses: Sled Runner Colony House. Type of Movable House Used in England.

Exterior Fixtures: Portable Coop at Low Cost. A Good Roost Coop. Piano Box Weaning Coop. Shed for Weaned Chicks. Dry Goods Box Coop. Brood Coops. Wedge Door Fastener. Portable Shelters. Brood Coop with Hood. Crate for Shipping Day-old Chicks. Simple Carrying Crate.

Interior Fixtures: Successful Automatic Feeder. Coops for Breaking up Broody Hens. Nest Boxes. Practical Feeding Trough. Trough for Mash. Grit Box. Device For Heating Water. Device for Watering Ducklings. Safety Trough for Chicks. Drinking Fountain for Chicks. Government White Wash.

THIS BOOK CONTAINS OVER 150 ILLUSTRATIONS

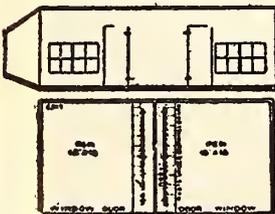
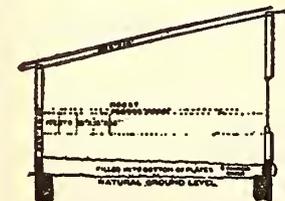
Unquestionably the most instructive and comprehensive work on the construction of poultry houses and appliances that has been compiled to date. Every house and fixture described in this book is in use on the plant of a successful poultryman; is simple, labor-saving and reasonable in cost.

PRICE, 50 CENTS, POSTPAID

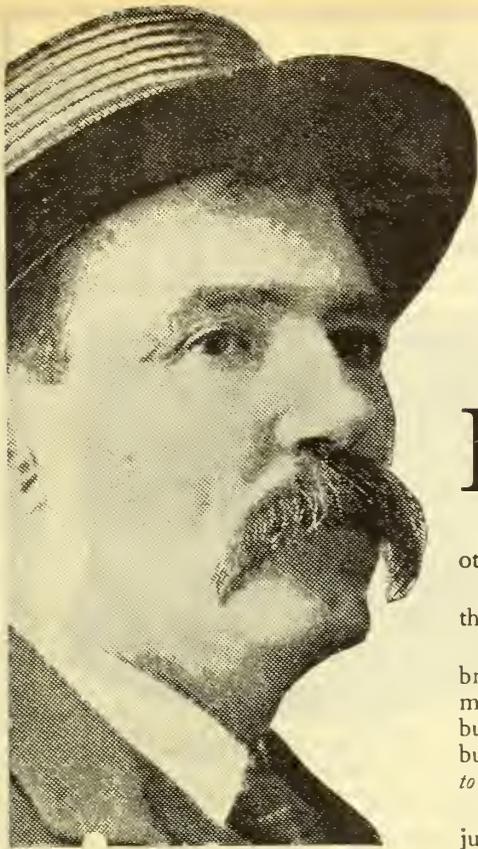
Or 75 cents including a year's subscription to American Poultry World, or will be sent free for two annual subscriptions to American Poultry World at 50 cents each.

AMERICAN POULTRY PUBLISHING CO.

BUFFALO, N. Y., U. S. A.



Specimen Poultry House Diagram (Much Reduced.)



I'm going to write an advertisement —I wonder if you'll read it

It's about the Old Trusty. The world's biggest and fastest selling incubator

I am out here in my office at Clay Center, Nebraska, the place where most incubators come from.

I am making my plans for 1911 and they're pretty big plans for an incubator manufacturer to be laying out.

I am going to manufacture more incubators for 1911 than any five other incubator and brooder manufacturers ever sold in any one season.

I am going to sell 100,000 machines this year. I sold 75,000 last year, and then didn't have enough to go around.

Now, there has got to be a reason why I can sell so many incubators and brooders. Here in the factory and in my offices, we have had a great many arguments as to just the biggest reason why I have had such a tremendous business—and we've come to the conclusion that the main reason for my big business is because I make so many incubators and brooders that *I can afford to keep the quality high and the price low.*

I do not figure to make any certain number of dollars on any one machine; I just figure on 7 per cent above the actual cost, which makes *my profit on each*

machine less than 70 cents—and the price that I offer them to my customers is under \$10, delivered, freight prepaid (east of Rockies)—on 30, 60 or 90 days' free trial.

Now, if you've read this advertisement so far, I wonder if you'll answer it and send me your name for

MY OWN FREE BOOK OF 1911

People have been good enough to tell me that I get out a book that's of more real value to the man or woman who wants to make real money out of poultry than any book published. I take a great deal of interest and pleasure in writing this book every year. I never allow any theories to creep into it. Everything in my book is based on actual experiences in poultry raising for profit gained by myself and my 250,000 satisfied customers throughout the United States. And so, when you get this book, you get actual facts about how to make money out of poultry and how to make it on the *smallest money outlay at the start.*

I want you to get this free book—and I'd like to have

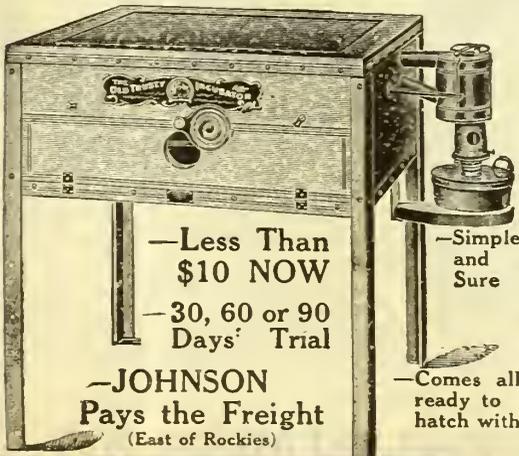
you own one of my Old Trusty Incubators and Brooders—but I won't feel bad if you don't buy after reading the book. I will feel bad, however, if you think of buying an incubator and brooder and don't send for my book first, because I'd like to put the details of my machines and what they've done for others before you; then I am willing to let you be the judge of the incubator you'll buy.

Please remember that I make nothing but incubators and brooders—it's the biggest industry of our section of the country. I'm not selling anything else—I'm not giving my time or attention to anything else, nor is my big family of factory employees doing anything else. We do a good job of making incubators and brooders and selling a lot of them. That's all.

I can't tell you more in this advertisement, so I'll wind up by saying let me send you the book now while this advertisement is before you and the matter is in your mind. Then order or not, just as you see fit.

Write me a letter, postal, or fill out coupon printed here for your convenience.

M. M. JOHNSON, Clay Center, Neb.
"The place where most incubators come from"



M. M. JOHNSON COMPANY Old Trusty Incubators and Brooders Clay Center, Nebraska

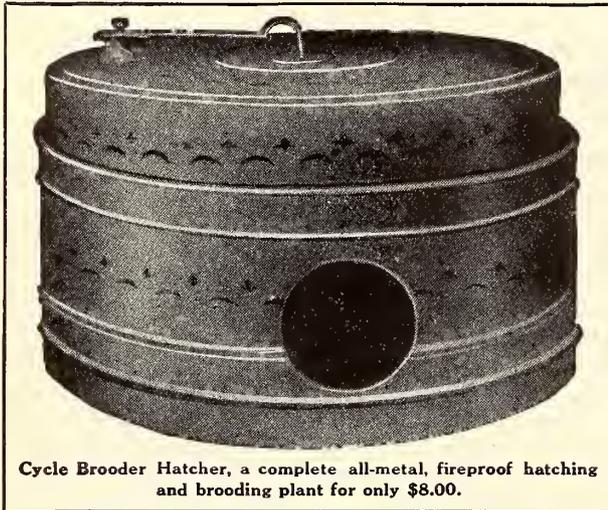
Here's my name and address—send free big book and hundreds of actual reproduced photographs.

Name.....

Address.....

A Little Poultry and A Living

Is the title of a booklet we will mail free. It was written by the author of the Philo System Book, who makes every one of his hens pay him a profit of \$50.00 to \$100.00 each.



Cycle Brooder Hatcher, a complete all-metal, fireproof hatching and brooding plant for only \$8.00.

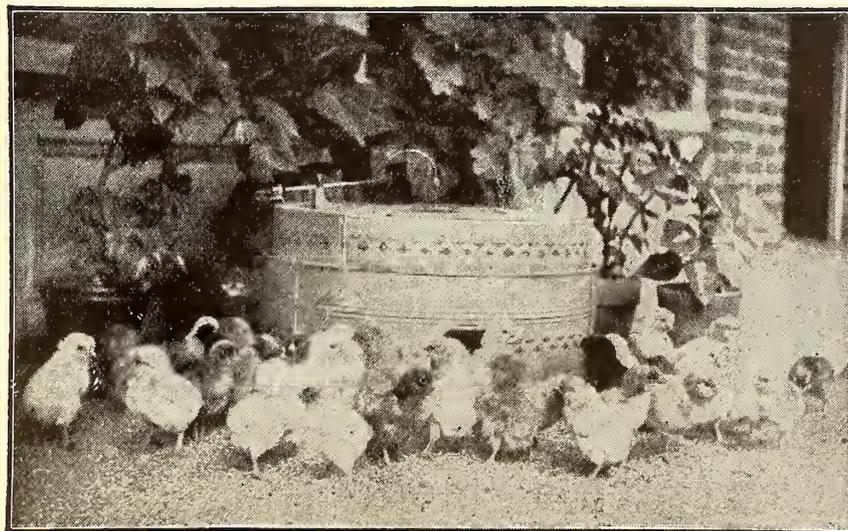


The All-Metal 50-Egg Cycle Hatcher, only \$6.00 complete.

Our New Discoveries Make Poultry Keeping Easy and Profits Sure

OUR machines were used exclusively in the original Philo System plant, where over **\$1,500 from 60 Hens in Ten Months** has been cleared from the sale of eggs, baby chicks and fowls raised on a city lot 40 feet square. One of the largest hatching plants in America saved over \$700 this year by using our system of brooding. We sell the best brooder ever made for only \$2.50.

One party hatched and raised \$500 worth of poultry last year with four metal mothers and hundreds of others are delighted with our machines and our new way of raising poultry. Our combined machine hatches and broods perfectly at the same time with only one lamp and one-fifth the oil used in other machines. Once filling the lamp completes the hatch. It runs as steadily as a clock in any room from cellar to garret, and our Long Burning Safety Lamp runs on for weeks without attention. It is the only machine that airs the eggs in the natural way and applies the heat to the chicken like the mother hen.



Brooder Hatcher doing double duty—hatching and brooding at the same time. Cycle Lampless Brooders—all metal, and will last a life time—\$1.50, \$2.00 and \$2.50 each.

TESTIMONIALS

The Cycle Hatcher Co., Elmira, N. Y.
 Sir:—I have used your incubators, both the Cycle Hatcher and the Brooder Hatcher, during two seasons and found them very satisfactory, as they were easily managed and gave excellent results every time. The Brooder Hatcher makes a convenient place for brooding the little chicks when first hatched, before putting them into the fireless brooders,
 Very truly yours,
 REV. E. B. TEMPLER,
 Valley Falls, N. Y.

The Cycle Hatcher Co., Elmira, N. Y.
 Sirs:—No doubt you will be interested to learn of our success with the Cycle Hatchers. We have cleared over \$960.00 running our hatchery plant, consisting of 56 Cycle Hatchers. We are pleased with the results and expect to do better the coming year. With best wishes, we are
 Very truly yours,
 MRS. C. P. GOODRICH,
 Elmira, N. Y.

PRICES

One Brooder Hatcher, . \$ 8.00
Two, \$15.00; Four, \$29.00
One Cycle Hatcher, . \$ 6.00
Two, \$11.50; Four, \$22.00

We have warehoused and can ship from Colorado, Indiana and Ontario, Can., at slightly increased prices.

Large stock of machines at Oakland, Calif., our Western office. Write Cycle Hatcher Company, Oakland, Calif., for Pacific Coast prices.

CYCLE HATCHER CO., 202 Clover Street, ELMIRA, N. Y.

CHAMPIONS ^{OF} THE WORLD

TOMPKIN'S SINGLE AND ROSE COMB RHODE ISLAND REDS

The UNDEFEATED, UNDISPUTED CHAMPIONS

Never has my record been equalled or approached by any individual breeder of any variety in the history of Standard bred poultry.

My records at America's leading shows, east and west, prove my claim that Tompkins Reds are "CHAMPIONS OF THE WORLD."

One thing sure

YOU WANT THE BEST

That's what it takes to win in the present day competition. Let me say Tompkins' Blood Lines are what you want. It takes strong blood lines to produce better offsprings than their sires, and no strain on earth has stronger blood lines than Tompkins'. For the first time in my years of advertising



Onething certain

My winnings at America's Greatest Shows, including Madison Square, Boston and Chicago, have never been approached norequalled. My birds have met and defeated "the best of birds" owned by the leading breeders from the north, south, east and west. Not only do they win for me, but for my customers also in every state in the Union and foreign countries

There is hardly a show of any importance but that you will find the winners have Tompkins blood. Hence

I SAY

You Must Have Tompkins' Strain to Win

Q AND let me impress on your mind that my 1911 matings represent the greatest, strongest matings that were ever bred, and from these matings the Blue Ribbon winners of America's Great Shows will be raised. From a setting of eggs from my best matings you get the same chance that I do in raising the famous winners for next season's show.

First Pen for Six Consecutive Years at Madison Square Garden, New York

EGGS EGGS EGGS EGGS EGGS

*\$5.00 per setting
2 settings, \$8.00
3 settings, \$10.00*

*\$10.00 per setting
Straight \$50 per 100*

*\$20.00 per setting
Champion Matings*

*\$25.00 per setting
Champion Matings*

Grand Champion Mating, the strongest and best mating of Rhode Island Reds in the world, \$50 per setting. Send for Mating List. Hundreds of Great Birds for sale.

LESTER TOMPKINS,

CONCORD, MASS.

A 16 lb.
Capon

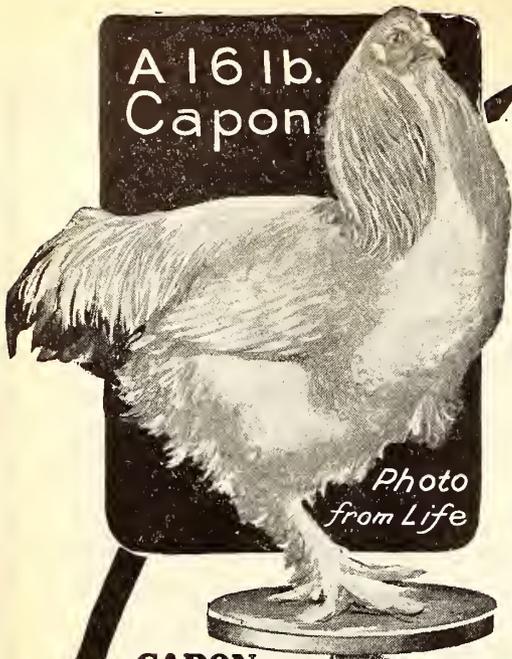


Photo
from Life

CAPON CULTURE

The valuable chapter on Caponizing is in itself worth more than the price of the book. Capons sell for 30c. to 40c. per lb. in city markets.



Poultry Truths

After all it's the TRUTH—the plain unvarnished FACTS about poultry-raising that you want, not theories advanced by writers who too often have "an axe to grind."

There are many poultry books obtainable, but they differ so materially on important details of the poultry business that readers become confused. The trouble is that most of them are written by men who are long on theory and short on practical poultry experience. They are usually better writers than poultrymen, or their books are published in the interests of some makers of poultry equipment, or in behalf of a publication. At any rate, it is a fact, that men who have read several of these hastily prepared books are generally "up in the air" when it comes to practicing the mass of impracticable theories and contradictions contained in them.

There has long been a need for a book of poultry truths written by a prominent, practical, successful poultryman—a book of truths, with no strings to it—a book of real reliability without a selfish motive. Such a book has finally been prepared and it is receiving a tremendous welcome by struggling poultrymen everywhere.

No matter how many other poultry books you may have read, your own interests—your need for the REAL FACTS about poultry-raising—should prompt you to send for the new book "POULTRY TRUTHS."

The Most Reliable Poultry Book Ever Published

Probably no man in this country has been so constantly besieged for advice on poultry subjects as Mr. S. B. Twining, of AFTON FARM (the oldest and first successful poultry farm in the country). His wonderful success in raising poultry for profit has made him a character of national prominence among poultrymen. It is doubted if any one man in the country has had so much practical experience, and is so well equipped to give intelligent, reliable advice on poultry matters. Mr. Twining has written a most valuable book, giving to the world the benefit of his lifetime of experience on a successful poultry farm. It is unquestionably the most interesting, comprehensive and reliable book of its kind ever published. It contains just what its title indicates—POULTRY TRUTHS—with many photographic illustrations of breeding pens, brooder houses, feed rooms, etc. No high-sounding theories are advanced—the book tells in a plain, frank, honest way how to profitably conduct a poultry business.

POULTRY TRUTHS treats of incubation, brooding and breeding of chickens, ducks, geese, turkeys, guineas and pigeons. The questions of heating, breeding, marketing and shipping are thoroughly covered. There is common-sense advice upon feeding, with many valuable helps for beginners. Capon culture is treated most fully in all its phases.

Mr. Twining has spent many thousand dollars and a life-time of study and labor in solving the problem of profitable poultry-raising. The results are offered to you for a dollar.

POULTRY TRUTHS is a book which every poultryman and prospective poultry-raiser will find it most profitable to read. No other book contains so much practical, reliable advice. Entire satisfaction guaranteed or money refunded.

Remember, it is being sold purely on its merits—in no connection with any publication or any advertising scheme.

\$1.00 Per Copy, Postpaid

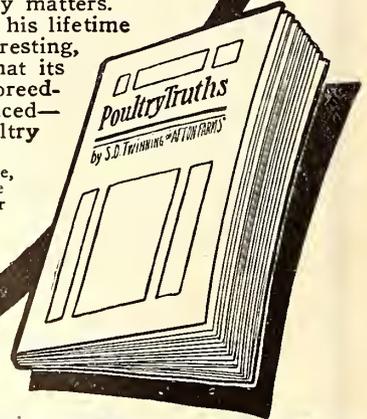
POULTRY TRUTHS is not a catalog, but a real book worthy of a prominent place on your book shelf.

Send A Dollar Today to

AFTON FARM

Box D 53

YARDLEY, PA.



SUMMIT POULTRY FARM.

South Bend, Ind., December 15, 1910.

R. F. D. 2.

MR. S. B. TWINING, Yardley, Pa.

Dear Sir: "Poultry Truths" is just the kind of a book practical poultrymen need and want. Wishing you the success in the sale of this book you so well deserve, I am,

Very truly,

JAMES G. RUGH, Supt.

TROUT BROOK FARM.

Clark's Corners, Conn., January 6, 1911.

S. B. TWINING, ESQ., Yardley, Pa.

Dear Mr. Twining: I am certainly pleased at the straightforward way you have written "Poultry Truths." Not only the beginner, but the older poultrymen should have this book, which you have properly named. Yours truly,

D. D. CAVANAUGH, Mgr.

FARM ASHMEAD.

No. Hanover, Mass., January 13, 1911.

S. B. TWINING, ESQ., Yardley, Pa.

Dear Sir: I must say that "Poultry Truths" is the clearest expression of market poultry culture of any portrayed yet. The only error you have made is that you didn't charge \$5.00 for the book. It's worth it. I am very truly,

E. O. DAMON.

Camden, N. J., January 2, 1911.

MR. S. B. TWINING, Afton Farm, Yardley, Pa.

Dear Sir: "Poultry Truths" received this morning. For some years I have read much on the subject of poultry-keeping, but nothing has pleased me more than "Poultry Truths." The paragraph to "Mr. Beginner" is alone worth the price of the book. Yours very truly,

(Signed)

CLEMENT C. GROSS.

New Albany, Ind., December 31, 1910.

MESSRS S. B. & E. W. TWINING, Yardley, Pa.

Gentlemen: Enclosed please find \$2.00. I enjoyed your book so much I want you to send one copy of it to Ernest Huser, Haymarket, Va., and one copy to Miss Hallie Meade, Haymarket, Va. Yours truly,

(Signed)

N. T. DEPAUW.

THE LINFIELD POULTRY FARM

OUR BUFF ROCKS TRAVELED
3,000 MILES
TO PROVE THEIR QUALITY

AND at Madison Square Garden, New York, December, 1910, amongst very hot competition, won first, fourth and fifth on Cock; first on Hen; first and fourth on Cockerel; fifth on Pullet; first and second on Pen; winning by a large margin more points on display than any other competitor.

At the Great Kansas City Show, Nonember, 1910, in a class of 139 single entries and eight pens, we won first and second on Cock, first, second and third on Cockerel; first, second and fourth on Hen; first and fifth on Pullet; third and fourth on Pen; special for the best shaped male; special for the best colored male; special for the best colored female.

At the Meeting of the American Buff Rock Club
AT THE CHICAGO SHOW, DECEMBER, 1910

Our birds won first and fourth on Cock; first and fifth on Pullet; first and third on Pen; second and fifth on Cockerel; second on Hen; special for the best shaped Male; special for the best colored Male; special for the best shaped Female; and the National Cup for the best Cock, Hen, Cockerel and Pullet.

These, in addition to other remarkable winnings in past years, prove conclusively that "Poley's World's Best Buff Rocks" are all that their name implies.

Several months ago we purchased Mr. Poley's entire flock of "World's Best Buff Rocks" and from now on Linfield is the only place where this famous strain will be bred.

Now is the time to purchase breeding stock and place your orders for eggs for hatching and day-old chicks.

All of the above winning birds will head our mating pens this year. The demand for eggs from these pens will greatly exceed the supply and if you intend breeding Buff Rocks this season we would advise you to send for our catalogue and mating list at once. Address all communications to

THE LINFIELD POULTRY FARM

ANGELO J. MYERS, Proprietor
JOHN W. POLEY, Manager

Box W, LINFIELD, Montgomery County, Pa.

THE LINFIELD POULTRY FARM

LINFIELD WHITE ORPINGTONS

AT Madison Square Garden, 1910, with only seven birds entered in competition with the greatest White Orpington class ever exhibited at New York, we won more points on display than any other competitor, the following breeders showing: Ernest Kellerstrass, Wm. Cook & Sons, Louis Lee Hagin, Wm. Moore Bell, Fred Harries, Foxhurst Farm, Sunswick Farm and Lawrence Jackson.

Our winnings were as follows: Second and third on Cockerel; second and third on Hen; third on Pullet; sixth on Cock; sixth of the seven birds we entered receiving places.

We imported from England last fall these seven birds and fifty of the finest White Orpington females that have ever been bred in that country. All of these birds will be in our mating pens this season, and we will have only a very limited number of eggs for hatching to offer for sale from these matings.

If you intend breeding White Orpingtons this year you will find it greatly to your advantage to either visit us and see these birds or send for our catalogue and mating list.

ADDRESS ALL COMMUNICATIONS TO

THE LINFIELD POULTRY FARM

ANGELO J. MYERS, Proprietor
JOHN W. POLEY, Manager

Box W, LINFIELD, Montgomery County, Pa.

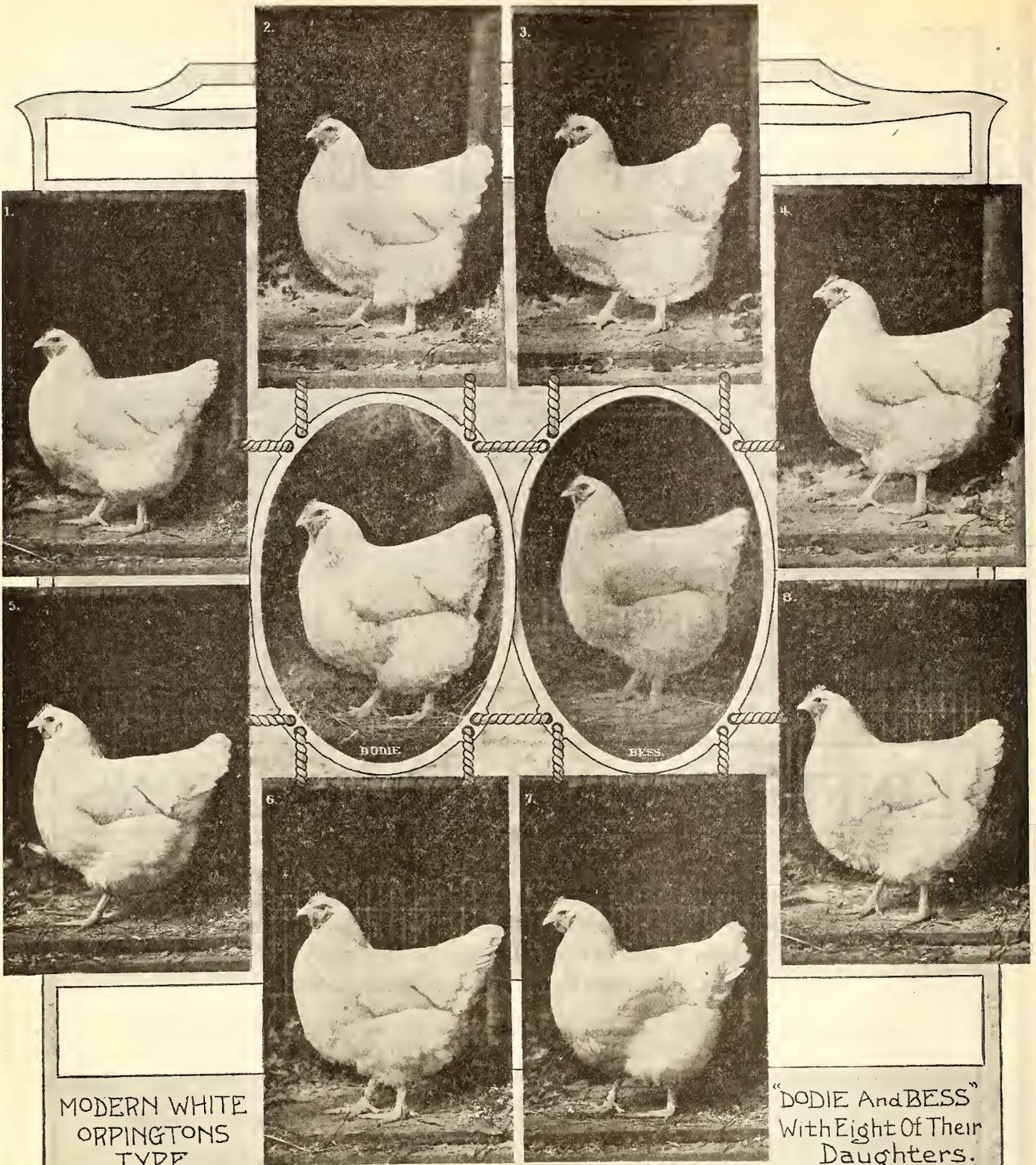
THE LINFIELD POULTRY FARM

POLEY'S WORLD'S BEST BUFF ROCKS

POLEY'S WORLD'S BEST BUFF ROCKS

LINFIELD WHITE ORPINGTONS

LINFIELD WHITE ORPINGTONS



MODERN WHITE
ORPINGTONS
TYPE.

"DODIE And BESS"
With Eight Of Their
Daughters.

Upper Row Nos. 1 to 4, Winners Special Best Four Pullets.
Lower Row Nos. 5 to 8, Winners Special Best Four Hens.
GREAT CHICAGO SHOW December 1910.
LAWRENCE JACKSON HAYSVILLE PA.,
OWNER & BREEDER.

A. O. Schilling
1911

PRIZE WINNING WHITE ORPINGTON FEMALES OWNED AND BRED BY LAWRENCE JACKSON

The above illustration represents a remarkable study in line breeding of White Orpingtons. Lawrence Jackson, whose White Orpingtons have been among the leaders in the past five years, is very proud of the splendid strain he has built up from his original foundation stock, never having introduced any foreign blood into same at any time, but carefully selecting each year the best of the descendants from the dams, "Dodie" and "Bess" and equally good sires. A study of the above pictures shows the two great hens and their eight daughters, the uniformity of type in all being very striking.—A. O. Schilling.

AMERICAN POULTRY WORLD

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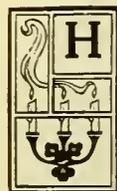
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WHITE LEGHORNS

ORIGIN AND HISTORY OF THE DEVELOPMENT OF THE MOST FAMOUS STRAIN OF SINGLE COMBED WHITE LEGHORNS IN AMERICA. LINE BREEDING AND CAREFUL SELECTION OF SIRES AND DAMS RESPONSIBLE FOR THE GREAT IMPROVEMENT IN TYPE AND COMB. SYSTEMATIC AND SCIENTIFIC FEEDING OF GRAINS IMPORTANT IN OBTAINING PURE WHITE PLUMAGE. PREPARING WHITE LEGHORNS FOR EXHIBITION

By D. W. Young



HAVING bred the same strain of White Leghorns for the past thirty years, it may prove interesting to Leghorn breeders to know the origin of this strain. It was in 1853 that Mr.

W. Simpson claimed to be the first breeder of White Leg-

horns in this country. He got them from an officer of a ship, which came from some Mediterranean port. About the same time Captain Stratton of Lewisburg, N. Y., (a small place opposite the city of Poughkeepsie) had a Barkentine which sailed from Leghorn, Italy, to New York, and which brought over a lot of Brown and White Leghorns or "Italiens" as they were known at that period. My father, Sol. Young, purchased these birds and bred them at the old homestead, Highlands, New York, for many years afterward, never introducing new blood. It was from this flock that I started my present strain, which has been kept pure, no new blood having been introduced at any time in the past thirty years.

IMPROVING THE TYPE AND COMB

We started to improve the type of the breed at once beginning with breeding for small combs so as not to handicap the small frame of the Leghorn, at the same time lengthening the back and dropping the carriage of the tail. The early Leghorns were almost squirrel-tailed, and short in back, the combs being very large, thumb-marked and unevenly serrated, with long coarse wattles. Both combs and wattles were a decided handicap, especially on cold days and nights of the winter, freezing completely off in a temperature not lower than fifteen above zero. The neat small comb and wattles of the modern Leghorn do not freeze readily; neither do they make much heavy drain on

the vitality of the bird. The deepening and lengthening of the body increased the strength of the White Leghorn, making a more vigorous bird and a greater layer. Scientific mating, careful line breeding, and feeding foods that

are rich in protein, enabled us to accomplish the above result. But we soon found that we were approaching the Minorca type, in fact, nearly adopting it, so we started to breed from birds which possessed longer, lower and well spread tails and concave backs. We found this improved the appearance wonderfully, bringing out the beautiful curved lines that give the unsurpassed grace and style of the Leghorn. Another improvement made was in lengthening the legs of White Leghorns, which gives them more power of endurance, as they are one of the greatest foragers among domestic fowl.

IMPROVING THE COLOR

The first White Leghorns bred in this country were not of the pure spotless white plumage found in the Leghorns of today. It was impossible to find a male bird whiter than straw color in those early days and for years afterward it was a rare instance when a male was found free from creaminess or brassiness. We started twenty-two years ago to produce pure white plumage by breeding from only the whitest birds and feeding only food that was free from any color pigment, using white instead of yellow corn, as an illustration. We have also found the whitest birds to prove to be the best layers.

The eye of the Leghorn years ago was pale, being yellow or daw in color. This by careful selection has been bred out and replaced by the brilliant red eye, which adds greatly to the beauty of the bird, also giving it a more snappy and vigorous appearance. The yellow and red ear-lobe has disappeared and the

(Continued on page 417)



Clear cut Leghorn character and that tense nervous style that every fancier of the race admires, with a disposition quite docile when trained for handling, are qualities possessed by the cockerel shown above, and these same qualities furnish the reasons why the Young strain of White Leghorns wins. There is always a rare satisfaction in handling a Leghorn that responds to the touch of the handler with a proud nervous pose. Mr. Young has proven himself an artist in breeding and training this into his birds. They have the character of thoroughbreds, and the disposition to display it to beautiful effect in every line of their make-up.—F. L. Sewell.

PRACTICAL POULTRY HOUSING

POULTRY KEEPER AND HEN IMPOSE CERTAIN CONDITIONS. TYPE OF HOUSE VARIES AS CONDITIONS VARY. WINTER EGG PRODUCTION AN ARTIFICIAL CONDITION. HEALTH AND VIGOR CAN BE MAINTAINED WITHOUT ANY HOUSES. HOUSING AFFECTS HATCHABILITY OF EGGS

By Prof. James Dryden

[The next article by Prof. Dryden will give the results in egg yield in different sections of the country, and in different styles of houses. Egg records will be given and this is the real test of a house.—Ed.]



THE last word has not been said about housing of poultry. We have been making progress in poultry husbandry, though sometimes we may have to make progress backward to get on to the right track, and it would not be surprising if some of the things we are advocating now about housing, we do not advocate five years from now. Our troubles I think mostly come from a failure to understand the essential principles of

good housing. When we fully understand the requirements, the details of construction will be easy. The type of house will, of course, vary as conditions vary. That means that there will always be a little opportunity to do a little thinking ourselves in planning our poultry houses. We will always need to exercise a little intelligence. There will be no one plan of house that will suit all conditions and all poultrymen.

THE HEN IMPOSES CERTAIN CONDITIONS

There are some conditions I want to speak of. I don't pretend to know all the conditions of poultry housing, but I will speak of a few. The hen doesn't take us into her confidence and we must guess some. The poultry-keeper also has certain conditions that we must consider. Let us consider some of the conditions.

What is the purpose of housing fowls? With most poultry keepers the purpose is to increase productiveness. With some breeders for fancy points the purpose may be to maintain the fowls in show condition rather than to secure a heavy egg yield.

THE POULTRY-KEEPER IMPOSES CONDITIONS

If the sole aim of the poultry-keeper is to secure eggs for selling in the market he may require a different house from the man whose main business is to produce eggs for hatching. Heavy egg yield in winter may not be conducive to good breeding quality during the natural hatching season, but the man who desires a good egg yield in winter must give special attention to housing. That is one of the conditions of the poultryman; we must consider the purpose he has in view in keeping fowls. But in this article I intend to confine myself to housing as it effects egg production.

WINTER EGG PRODUCTION IS AN ARTIFICIAL CONDITION

We can hardly get away from that. In a state of nature where the only purpose of egg production is reproduction,

the hen doesn't lay all the year. The spring is the natural breeding season. You know a hen will lay in the spring under all sorts of conditions, but when eggs are 50 cents a dozen about the easiest way to make her lay is to chop her head off. Winter egg production is a fight against nature, against the wild nature of the hen. We cannot get away from that. But we can get eggs in winter. We can get the hen away from nature, a little—not altogether. We can get her far enough away from her natural state to lay occasionally in winter by proper housing. Our troubles in housing poultry have come from failing to recognize the nature of the hen, and in forcing the process of domestication too far. In a state of nature her wings answer the purpose of a house; she flew into a tree to get away from her natural enemies. She does it yet, but the enemy

now is the man who builds houses that are as deadly as the prowling jackal of the jungle. Her wings were given her for that purpose. But we have no use for her wings. They cause the poultryman a good deal of trouble and expense. But the wings teach us a lesson. If the house doesn't suit the hen she will use her wings to get away from it. She prefers the tree to a poor house, and very often prefers the tree to any kind of house.

The lesson is that the hen has still a little of the wild nature, and when we modernize her, when we put her under artificial modes of living, we are liable to get the same result that the nation got in putting the Indians under conditions of modern civilization. They can't stand it, not until they have been bred to it by a long process of selection. We will get better results if we remember this fact and plan our houses accordingly. That is a condition that the hen imposes.

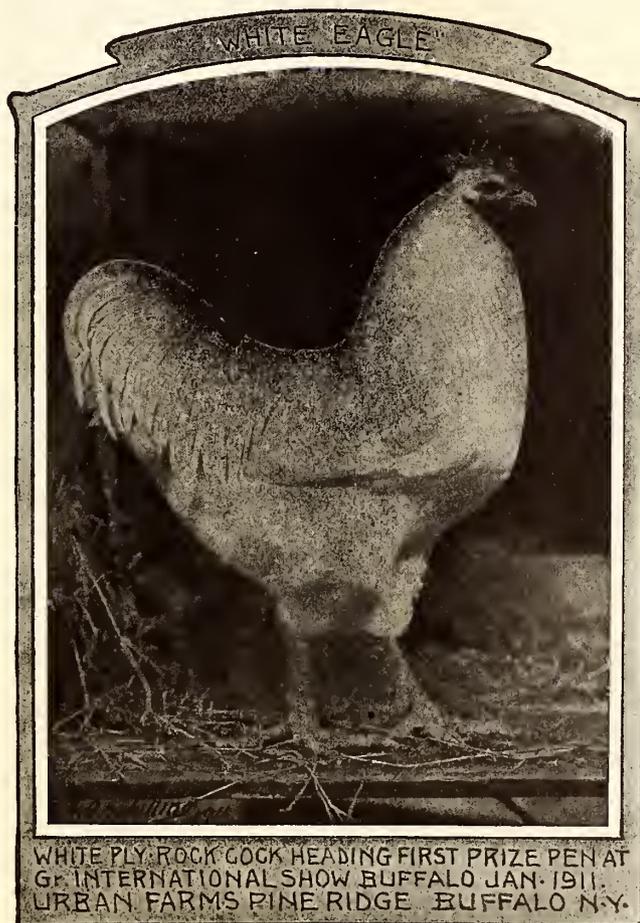
HEALTH AND VIGOR MAINTAINED WITHOUT HOUSES

Chickens that roost in the trees have good health; they have constitutional vigor. They lay well except in severe weather. Their eggs are of good weight and hatch well. They very seldom have colds in the coldest weather, while their sisters in warm houses

will be running at the nostrils and have swelled head and ruffled feathers.

If the greatest problem is to maintain the health and vigor of the flock, and hens will maintain health and vigor without any houses, why then do we need houses for poultry? If we could answer that question correctly, we would have a pretty good understanding of the housing problem.

It is true that hens usually prefer to roost in the trees



WHITE PLY. ROCK COCK HEADING FIRST PRIZE PEN AT G. INTERNATIONAL SHOW BUFFALO JAN. 1911. URBAN FARMS PINE RIDGE BUFFALO N.Y.

The above illustration conveys a good idea of the high-class White Plymouth Rocks produced at Urban Farms. At the recent International Show this farm carried off many honors, a complete report of same appearing elsewhere in this issue.



FIRST PRIZE BUFF LEGHORN COCKEREL, WINNER OF SHAPE & COLOR SPECIAL, MADISON SQUARE GARDEN 1910. Bred & Owned By Wm. H. HEIL R.F.D.#3. EASTON, PA.

A beautiful Buff Leghorn male in color, the latter being an even golden buff over neck, back and wingbows; tail and wing feathers solid buff. In shape this bird is excellent, coming very close to the advanced type of the modern White Leghorn male.—*J. H. Drexelstahl.*

rather than in houses. A few months ago I watched 1500 hens go to roost in the evening, and nearly all of them flew into cherry trees rather than into their own houses. In most sections, under most climatic conditions they will spend their nights in the trees in preference to the best poultry houses. Severe storms—driving snows or heavy rains—will send them into the house; and I think you will observe that it is the storms rather than the cold that drive them into the house. I think you will find them out in the trees sometimes with the thermometer below zero, but a heavy storm, though the temperature may be considerably above zero, will make them take to the house.

STORMS MORE OBJECTIONABLE THAN COLD

This is the next lesson: It is the storm more than the cold that the hen objects to. In the scratching-shed from the wind the hen will sing and keep busy all day with the temperature at zero; but a hard wind, even on a summer day, will drive her from her picking and bug-hunting in the fields to the leeward side of the poultry house, where she will stand humped up and look as though she didn't care whether school kept or not. In other words, you can keep the hen busy at a low temperature if she is sheltered from the winds and storms. Feathers will keep out cold, but won't keep out wind.

The past winter I watched several thousand hens at Petaluma hunting the shelter of rail fences during the middle of the day to escape the strong breeze that was blowing from the coast, though the day was otherwise nice and sunny.

Is it shelter or warmth that the house should furnish? My own idea is that if we furnish the proper shelter, the hen will take care of the heating apparatus. It is shelter she needs. I believe we should abandon all notions of a warm house and build a shelter. Call it a poultry shelter rather than a poultry house. This does not mean that warmth is injurious to health and vigor. Fowls maintain good health in the warm months. You know, as the winter departs and the warm spring days come, the hen is at her best, her comb is the reddest. Nor does it mean that warmth is inimical to egg production. In my experiments

at the Utah Station a little artificial heat increased the egg yield. (Bul. 102) But it was apparently at the expense of vigor, for the fowls in the cold house weighed heavier than those in the warm house. I believe that a proper system of artificial heat will stimulate egg production, but an economical and safe system has not yet been found. But without artificial heat it is foolishness to build "warm" poultry houses. We cannot make a warmly built house warm and comfortable without artificial heat in cold weather. Let us see.

We build a "warm" house. To make it warm, we double-board it. We make a double wall with dead-air space. It is tight-boarded on each side of the studding and under the boards there is building paper to make it air-tight. Then we put in glass windows to give light and sunshine, and we must put on double windows to make them correspond to the walls. If we want the hens to have fresh air we have openings in the walls to let in fresh air, and when we let in fresh air we let in cold air. A double-wall of that kind, even without the ventilation, won't keep out the cold. It will keep it out a little longer than a single wall; the changes in the temperature may not be felt so soon inside the warm house; but there is something else that makes a house cold. The thermometer doesn't always tell us how cold we feel. It doesn't always tell us how warm we feel.

DAMPNESS IN THE AIR IN WINTER MAKES THE HOUSE COLD

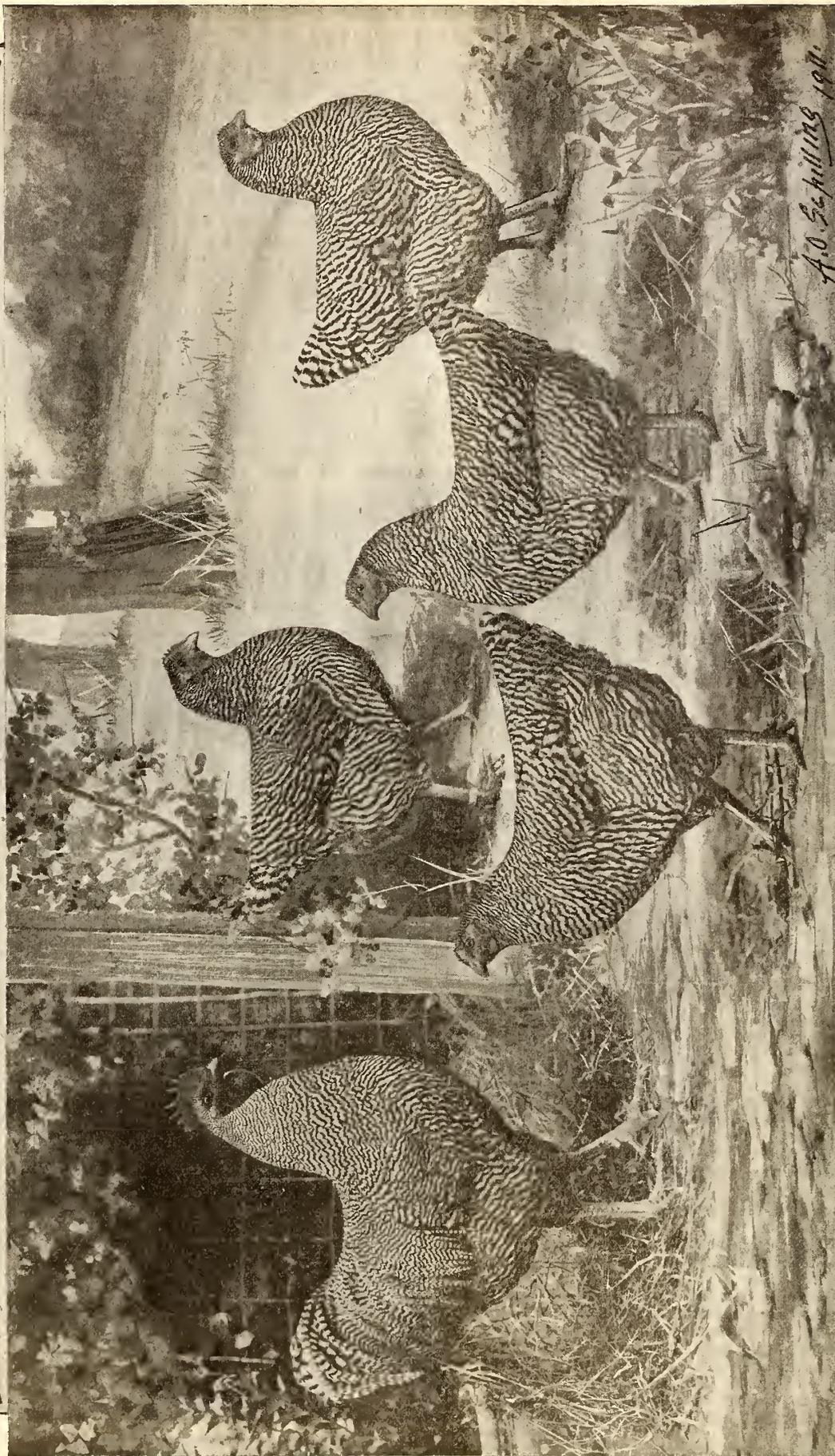
Dampness in the air in summer intensifies the heat we feel. I said that we could not have a house in cold weather without artificial heat. We cannot have a warm house and a dry house in cold weather without artificial heat. Why? During the day the sun strikes through the

(Continued on page 433)



FIRST PRIZE SINGLE COMB BLACK MINORCA PULLET AT MADISON SQUARE GARDEN N.Y. DEC. 1910 BUENA VISTA POULTRY YARDS SUMMIT N.J.

A most typical and stylish Minorca female with fine comb and lobes, color of surface plumage a rich, lustrous, greenish black. One of the best pullets seen in a number of years.—*J. H. Drexelstahl.*



FIRST PRIZE PEN BARRED PLYMOUTH ROCKS BOSTON SHOW JAN. 1911.
 PITTSFIELD POULTRY FARM PITTSFIELD MAINE OWNERS & BREEDERS.

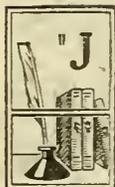
PITTSFIELD POULTRY FARM FIRST PRIZE BARRED ROCK PEN, BOSTON, 1911

Pittsfield Poultry Farm Barred Plymouth Rocks are not only bred to the highest Standard exhibition type in shape and color, but must attain an equally high Standard as utility fowl. No better study of the business and exhibition Barred Plymouth Rock can be found than in the birds bred by the above firm at Pittsfield, Maine, and a close inspection of the birds illustrated above will convey a good idea of what that rare combination in a breed, namely, "utility and fancy," looks like. The length and depth of body with the active appearance are well stamped on these specimens. — A. O. Schilling.

COMMON SENSE POULTRY METHODS

ECONOMIC WASTE SOUNDS TECHNICAL AND FORBIDDEN, BUT AS HERE USED, ITS MEANING IS PLAIN. AVOID IT AND MAKE MORE MONEY. FEEDING ONE GRAIN RATIONS DANGEROUS. WITH BARN FULL OF STRAW AND CLOVER POULTRY ON FARMS SUFFER FOR THE WANT OF LITTER AND GREEN FOOD

By Harriet Wallace Ashby



ACK is an economic waste," said a professional man of a fellow worker. He could easily earn three thousand dollars a year at his practice, but he putters two-thirds of his time about his chickens, and takes in only a thousand."

"It is an economic waste" could be fitly said of the way of handling many a poultry business. From the experience of a farmer's wife I can say that on my farms, where the business is farming, and poultry an incident, economic waste goes on constantly. Tools, houses, labor, feed, far in excess of what the chickens require are devoted to them. Grain which on the market would bring for seed twice what the prepared foods, or an equal amount of other foods would cost, is fed to the chickens because it is handy. It is on the farm where most of the feed is grown that chickens die from faulty methods of feeding a one grain ration. With a barn full of clover, hay and stacks of straw it is the farmer's chickens that suffer for lack of green food and huddle in the houses for lack of litter to scratch in.

WASTES CUT UP PROFITS

Most of the poultry marketed comes from the farm. The income from this source could be doubled with but little extra expense if it were not for the wastes which eat up profits, and the lack of conveniences which invite losses. For proof of this I need only look back over our early years on the farm to which I came without any previous experience of farm work, without the first idea of what country life meant. Like haunting ghosts come memories of the things we "have done which we ought not to have done, and the things we have not done which we ought to have done." For instance, we spent hours looking over incubator catalogues when we thought of buying a hatching machine; decided to buy a certain make, and when our dealer, who didn't handle that make, said confidently: "Blank's is the only incubator," we ordered the Blank without personal investigation of catalogue or machine, and lost our eggs and money, for in less than a year we sold it at one-fourth its cost, having had only disappointment with it. The next year another make of incubator was ordered, and one brooder—200 chick capacity. I put the 86 chicks hatched in the brooder; by the third week the number was reduced to 45, a number which the incubator could handle, which taught me that 50 chicks is enough for any brooder. The first hatch was too young to leave the brooder when the second came off, so I put these in an upstairs room in boxes, after the first night. The first thirty I put in a box over the hot air register until the hatch should be completed in the morning, but morning found the 30 smothered. I had had an offer of twenty-five cents each from the incubator; half the price of a good brooder was lost, and the wast of time, money and early hatched chicks when money—which in the long run is the cheapest thing to use—could have saved both; took more than seven dollars worth of enthusiasm out of me. The rest of the chicks hatched at that time lived, but the annoyance of raising them in the house was tremendous. Visitors or friends calling over the phone and hearing their shrill voices seemed astonished that any one could allow chickens in the house.

So many said: "You'll have to put stockings on those chickens" that my features refused to smile at the joke. The children grew to expect my warning: "Run and draw the shades and put the carpet over the chickens, there comes Mrs. So and So." Fireless brooders would have saved me worry and given refuge to all the chicks hatched had I but known of them then. By selling half of further hatches from the incubator, and putting a hatch or so under hens I succeeded in raising a number of good chickens.

NEGLIGENCE IS COSTLY

Through the busy month of June when fruit was to be cared for the chickens received little attention. The brooder was used as a roosting coop for twenty-five pullets

at this time, and one night when the atmospheric conditions indicated pole-cat, I closed the brooder, contrary to my usual practice, to guard against the depredations of the cat. Next morning I had twenty-five dead pullets, weighing from three to four pounds each. That night a nightmare tormented me. All the chicks I had murdered, big and little, were trying to drag me into the colony house I might have built for housing them comfortably and safely with the money lost by their death; while incubator lamps belching great clouds of smoke from their chimneys leered at me from the windows. Then my husband laid down the law. The chicken business would be given up if it was going to get on my nerves to the extent that I couldn't dismiss the day's worries with the day.

WORRY IS WASTE

"If there's anything in your management that's wrong, correct it and stop your worrying. If there isn't anything wrong with your management, what's the use of worrying about what you can't help." Spending oneself day and night in useless worry is a waste of which women are frequently guilty. They "go all to pieces" over mishaps which a man puts down to profit and loss and forgets. They lack the philosophy of the Italian peddler: "What you lose on the banan, you make on the peanut." Women need to learn conservation of self in the poultry business.

We were so new to the poultry business and to the conveniences required for marketing chickens that our first delivery of chickens to market found us without market or shipping crates. We hit upon the plan of tying the chickens' legs in groups of three, put them in the bottom of a farm wagon, and covered the wagon with a heavy

(Continued on page 437)



FIRST PRIZE S-C-BLACK MINORCA COCK CHICAGO SHOW 1910.
BRED AND OWNED BY
JOS. P. HILDORFER

PITTSBURG PA.

A grand old Minorca male in size, type and color; comb smooth and firm on head, lacking one serration; lobes large and smooth.—Wm. C. Denny.



FIRST PRIZE PEN WHITE WYANDOTTES,
 MADISON SQUARE GARDEN SHOW DEC. 1910.
 A. J. FELL WEST POINT PA..
 OWNER AND BREEDER

FIRST PRIZE PEN WHITE WYANDOTTES AT NEW YORK, 1910

One of the most admired exhibits at the Madison Square Garden Show last December was Mr. Fell's first prize pen of White Wyandottes. Mr. Schilling presents a beautiful picture of the females and male in the illustration above. A striking feature of this quintette of White Wyandottes is the similarity in type of the females, especially in head, neck and back sections. The male heading the pen also shows his class in the graceful lines of the breast, back and tail, with legs of proper length, showing well defined hocks. In plumage these birds were white as the driven snow.—J. H. Drenstedt.

THE INTERNATIONAL SHOW

BUFFALO, N. Y., JANUARY 23-28-1911.

OVER FOUR THOUSAND SPECIMENS ON EXHIBITION. ATTENDANCE LARGE AND SHOW SCORES FINANCIAL SUCCESS. LEGHORNS THE LARGEST CLASSES

By J. H. Drevenstedt



THE International Show, held in Buffalo, N. Y., January 23 to 29, is looming up as one of the most formidable ones on the winter circuit. The entries this year far exceeded those of 1910, and what is also noticeable is the well balanced classes in most varieties. There is a magic drawing power in the word "International", which when backed up by a hustling and liberal management is bound to draw large entries, especially when an exhibition of international importance is held at Buffalo, a city without a peer, when it comes to geographical location, railroad and express facilities.

The old Arsenal, where the show was held, is a very large building with an abundance of floor space to accommodate a 5000 bird show without double tiering, and although it is not as well supplied with light in the daytime as it should be, the illumination at night is very good.

The Empire Cooping Company under the direction of M. F. Wemple did the caging of the birds and made a first-class job of it, the coops being well arranged. The cages were also nicely draped with bunting attached to the bottom and covering the empty shipping coops underneath.

Secretary Merkley and Superintendent Soverill with a corps of efficient assistants handled the penning and re-shipping of the exhibits promptly and to the satisfaction of all exhibitors.

The attendance was excellent, being over 3000 admissions per diem, so the International of 1911 may be listed with the financially successful poultry shows of the United States. Furthermore it must also be ranked in importance with such great winter shows as New York, Boston, Chicago, Kansas City and several others in the East and West.

BANQUET

One of the enjoyable occasions each year at the International is the banquet given by the officers to the exhibitors, judges and members of the poultry press. This year was no exception, as the excellent dinner served at at Broezel on Thursday evening of the show week proved. There was no lack of toasts and oratory, especially with such a star toastmaster as George Urban, Jr., to keep the speakers in good humor. The Turkey quartette was the hit of the evening however.

LUNCHEON AT URBAN FARMS.

On Friday some sixty guests were entertained at Urban Farms for luncheon with that prince of hosts George Urban, Jr., as master of ceremonies. Automobiles were provided to carry the friends and acquaintances of Mr. Urban from the city to the farm and return, so everyone was comfortable going and coming. To describe that luncheon properly in print would take many columns of this journal. Suffice it to say that it was "a feast of reason and a flow of soul," where good fellowship reigned supreme and merry jests were mingled with sober thoughts of wisdom. The imaginary boundary that separates Canada from the United States was obliterated for the time being, Canadian poultry breeders grasping cordially the hands of their American friends and voicing that reciprocal feeling,



which of late has sprung up between the two great countries. And the gateway to reciprocity is the frontier city of Buffalo.

THE BIRDS

Although the specimens on exhibition greatly exceeded in number those shown last year, there was no falling off in the quality of the birds; on the contrary, in many classes, a decided improvement in this respect was noticeable.

Plymouth Rocks came 403 strong, all varieties except the Silver Penciled being strongly represented in the open and pen classes. In Barred Rocks, first cockerel went to that good Rock breeder, D. M. Covert, proprietor of Covert's Barred Rock Farm. This cockerel was a beauty in color and barring and excellent in shape, winning both color and shape specials, also the gold leg band for best Barred Rock male.

White Rocks great classes, the star being "Buffalo Champion" first prize cock and winner of first at International in 1910. He is a grand fellow in size with fine Rock type, neat comb, yellow beak and legs and fine white plumage. But George Urban, Jr. sprung another coming champion in the cock "White Eagle." The latter has class and no mistake; he was not entered in the open, as Mr. Urban wanted to win, or rather repeat "Buffalo Champions" win of last year and trusted to "White Eagle" to carry the day at the head of a choice pen of females. Another fine White Rock was the Urban Farm first prize hen, "Molly," a symmetrical dame of great size and spotless white plumage. Mr. Urban certainly has a great "drebund" in these three White Rocks.

Partridge and Columbian Rocks strong classes, F. G. Bean capturing a blue with a very superior Columbian Rock hen, type and color of latter being first-class.

Buff Rocks not as strong classes as usual, but winners showed up well in color and type.

Wyandottes dropped from 364 to 324 specimens, but maintained a high order of quality in all varieties. In Silver Wyandottes LeRoy Siegfried exhibited an unusually fine cockerel and very good cock bird. The cockerel was of the modern silvery open-laced type, Buffs small classes, but winners were of high quality. Columbians fine classes, Hillhurst Farm making almost a clean sweep with one of the evenest lot of Columbian Wyandottes we have seen this season. Their first pen was especially fine, the color markings and type of both male and females being of the best.

Partridge Wyandottes fine classes, Dr. Baskerville carrying off nearly all the blue ribbons. White Wyandottes well represented, the winning specimens being strictly first-class, but we missed some of the old time exhibitors, who used to show at Buffalo.

Rhode Island Reds strong classes, especially the Single Combed variety where Henry W. Alt did a lot of winning

(Continued on page 420)

THE MANURIAL INFLUENCE OF POULTRY

THE QUANTITY PRODUCED. ITS CONSTITUENT ELEMENTS AND COMPARATIVE WORTH. QUANTITY PRODUCED PER BIRD PER YEAR. IMPORTANCE OF POULTRY IN MAINTAINING FERTILITY OF THE SOIL

By Edward Brown, F. L. S.

Hon. Secretary of the National Poultry Organization Society of Great Britain and Ireland,
Lecturer on Aviculture at University College, Reading, England.



MUCK MEANS MONEY", is an old saying which is true in every part of the world, that is, manure in its widest term, for muck is the rural designation of the excreta from all classes of animals. The French term for this material is engrais, the other meaning of which is "to fatten" or "to enrich", which conveys exactly what is its virtue when applied to the earth, for we must in the first

place increase in the soil the elements which form plant food if we desire to obtain those larger crops necessary and desirable to meet the needs of our people and enlarge the profits of cultivation. As the late Professor

Faraday somewhere said that "what we got out of any pursuit depends upon what we put into it," so is it true in respect to the land. In newer countries with their virgin soils, wherein are to be found the accumulations of, perhaps, centuries, furnishing a veritable treasure house of plant nutrients, the facts here stated are not at first realized, simply because the need is not pressing. Even under such conditions, however, a time will arrive when continued cropping will exhaust the reserves, and these must be replaced or production will become unprofitable. Much will depend upon the methods of cropping for a soil may be deficient only in one or two directions, and have a surplusage of others. As the great chemist Liebig pointed out "Every field contains a maximum of one or several, and a minimum of one or several nutritive substances. It is by the minimum that the crops are governed." Hence we find in older countries and longer settled areas that the manuring of land is carried out systematically and carefully. I was recently reading a French book, published lately, dealing with British farming in which it was pointed out that naturally the soil of England was poor, but by careful cultivation and constant manuring has been made to yield crops of the highest averages. A hundred years ago the great Arthur Young stated that the explanation for the wonderful yields of farms in Norfolk was the amount of and wise application of manure. And last year during my tours of observation in Belgium I was much impressed by the conservation of manure, not alone in those districts where poultry are largely kept, but elsewhere, and be it noted, the land in Belgium is not naturally rich. The richness is purely artificial. As stated in my "Report on the Poultry Industry in Belgium:" "Belgium farmers and cultivators of all grades realize the importance of supplying their land with those elements required for increasing its productiveness.

Not a drop or particle of manure appears to be wasted. That poultry contribute greatly in this direction is recognized in all parts of the country, and it is acknowledged that the fertility of the soil has been raised considerably wherever fowls or ducks are kept."

In view of what is stated above, and of the advancing position which poultry of all kinds are taking in respect to general agriculture, what could be at one time ignored because of its very insignificance is no longer a negligible quantity. So long as farmers and poultry breeders keep merely a few fowls around the homestead, under conditions where such manure as produced falls directly into the soil, to trouble about it in any way would be a

waste of brain power and of time. But in many countries, or in many districts of such countries, we have long passed that stage. Increased number of fowls, in some cases under more intensive conditions, have altered the whole aspect of affairs. What was of no moment before becomes a considerable factor if dealt with adequately. The farmer who distributes his poultry about the land in accordance with the rotation of his crops has nothing to fear, for, as Professor Warrington states in his "Chemistry of the Farm," that "the most complete return to the land would be accomplished by manuring it with excrements of the men and animals consuming the crops." As a rule we may feel sure that whatever is produced in this shape is utilized. But the intensive poultry-keeper, who yards his flocks, usually finds that the land occupied is unable to use the manure put into it, which is far beyond its capacity to transform into plant life. This is the danger point, to which further reference is made below.



PROF. EDWARD BROWN, ENGLAND

RIGHT APPLICATION TO OBTAIN CASH VALUE OF POULTRY MANURE

Important is it, therefore, to consider the question, as it is one of the money in the first place, and of loss in the second. To obtain the cash value of poultry manure it must be applied rightly, and to avoid the loss which follows excess we must know something of its influences. To do that it is essential to discover as far as possible its constituent elements, and their comparative worth, as well as the quantities produced.

Taking the last named first, everyone will realize that there must be great differences, equally in respect to size and activity of birds, to sex, to conditions under which they are kept, to the nature of the food supplied as to that naturally obtained, and even to the class of soil. To deal with all these problems would require years of

research, and we are compelled, therefore, to consider the question on a narrower basis. Sometime ago I was concerned on the College Poultry Farm, Theale, in an experiment which will help to give with fairness some idea of what is the manurial value of domestic poultry. For this purpose the following birds were selected:

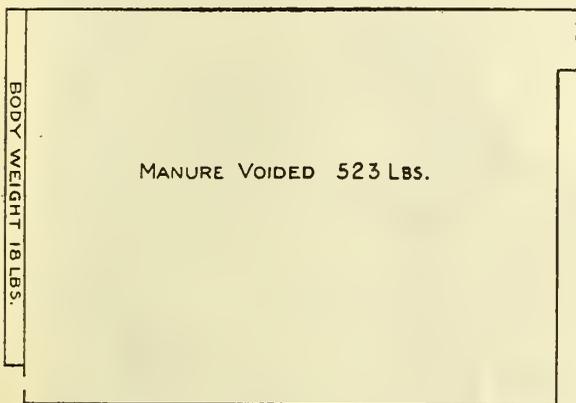
	WEIGHT	AGE
1. White Wyandotte cock	6 lb. 12 oz.	16 months
2. Faverolle hen	5 lb. 12 oz.	15 months
3. Growing chicken	—	4 weeks
4. Growing chicken	3 lb. 12 oz.	14 weeks
5. Fattened chicken	3 lb. 8 oz.	15 weeks
6. Aylesbury duck	7 lb. 0 oz.	14 months
7. Goose	18 lb. 0 oz.	Over 1 year
8. Bronze turkey	17 lb. 0 oz.	Over 1 year

These are representative, though the list would have been more complete had, say, a Leghorn been included. The manure obtained from each was weighed for a given period, and the calculations worked out upon that basis. Analysis was also made as recorded later.

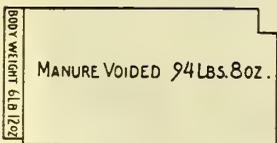
As to quantities, the records afford some remarkable results in respect to quantity of manure produced:

- Wyandotte cock would produce 94 lb. 4 oz. moist manure in 12 months
- Faverolle hen would produce 88 lb. 9 oz. moist manure in 12 months.

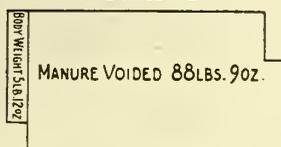
No. 7 LOOSE



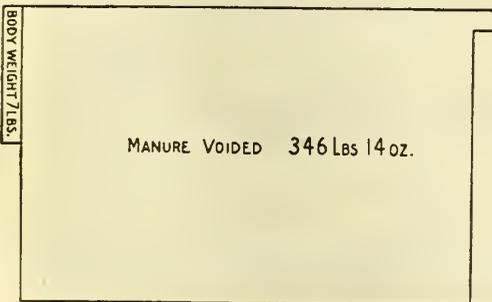
No. 1. WHITE WYANDOTTE COCK



No. 2 FAVEROLLE HEN



No. 6. AYLESBURY DUCK



No. 8. BRONZE TURKEY COCK

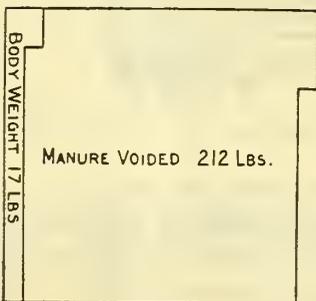


DIAGRAM SHOWING RELATIVE WEIGHTS OF BODIES AND MANURE VOIDED IN TWELVE MONTHS

- Growing chicken would produce 5 lb. 5 oz. moist manure in 13 weeks.
- Growing chicken would produce 25 lb. 5 oz. moist manure in 26 weeks.
- Fattened chicken would produce 5 lb. 8 oz. moist manure in 3 weeks.
- Aylesbury duck would produce 346 lb. 14 oz. moist manure in 12 months.
- Goose, adult, would produce 523 lb. 0 oz. moist manure in 12 months.
- Turkey, adult, would produce 212 lb. 0 oz. moist manure in 12 months.

These figures show that to produce a ton of moist manure in twelve months would require 24 birds of the size of No. 1; 25 birds of the size of No. 2; 6 1/2 ducks as No. 6; 4 geese as No. 7; and 10 1/2 turkeys as No. 8. Or, eliminating the moisture, the dry manure matter produced in that period would be as follows: To produce one ton of dry matter in a year, 59 Wyandotte cocks, or 63 Faverolle hens, or 29 ducks, or 24 geese, or 42 turkeys. Or, to put it in another way, a No. 1 cock produced 14 times his own weight in manure in 12 months, a No. 2 hen 15 1/2 times her weight, a duck (No. 6) 49 1/2 times its weight, a goose 29 times its weight, and a turkey (No. 8) 18 1/2 times its weight.

BULK OF MANURE IS NOT EVERYTHING

Bulk is not everything, and, therefore, we have to take into account the nutritive value of the constituent elements when applied to the soil. In this direction chemical analysis comes to our aid. It was discovered that the proportion of solids to the total weight in a moist condition varied to a considerable extent, determined by age of fowls, by environment, and by food supplied. The results are shown in the following table:

NO.	CLASS OF POULTRY	CONDITIONS	PERCENTAGE OF MOISTURE	PERCENTAGE OF DRY MATTER
1.	Fowls	at liberty	59.5	40.5
2.	Fowls	in yards	68.3	31.7
3.	Fowls	in fattening pens	70.3	29.7
4.	Chicken, 1 month	on grass	72.8	27.2
5.	Chicken, 3 months	on grass	77.7	22.3
6.	Ducks	at liberty	78.0	22.0
7.	Geese	at liberty	82.6	17.4
8.	Turkeys	at liberty	74.7	25.3

The range is very considerable. As might be expected, waterfowl show the highest percentage of moisture in their excreta, but the turkey is not far behind, which may be indicative of the kind of natural food eaten by that

(Continued on page 422)

DIAGRAM II. Percentage of Nitrogen in Air-dried Samples of Poultry Manure

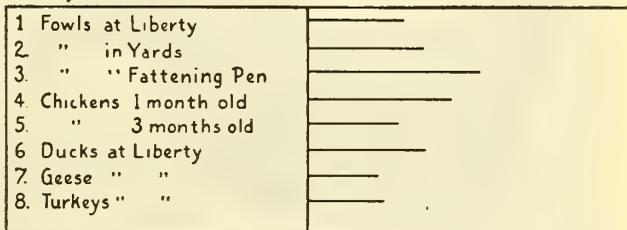


DIAGRAM III. Percentage of Phosphoric Acid (P2O5) in air dried Samples of Poultry Manure.

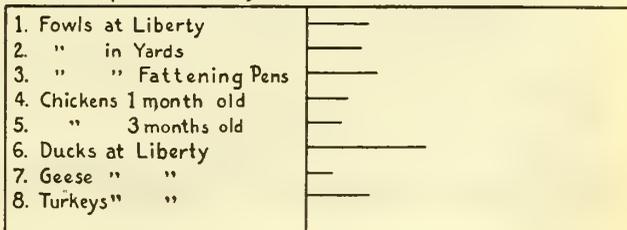
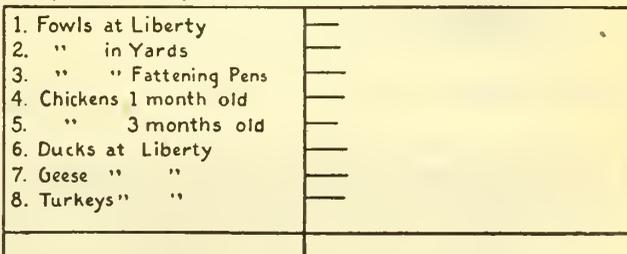


DIAGRAM IV. Percentage of Potash (K2O) in air dried Samples of Poultry Manure.





FIRST PRIZE PEN S. C. RHODE ISLAND REDS,
MADISON SQUARE GARDEN N. Y. DEC. 1910 Bred And Owned By
LESTER TOMPKINS CONCORD MASS.

LESTER TOMPKINS' FAMOUS REDS

The fame of Lester Tompkins as a breeder of Single and Rose Combed Rhode Island Reds is world-wide. Mr. Tompkins has produced so many blue ribbon winners at the Madison Square Garden that it is but repeating the old, old story when we call attention to his first prize pen at New York last December. Artist Schilling has done himself proud in the above illustration; the characteristic shape and style of the Rhode Island Red being most faithfully executed. The color is also reproduced most artificially. Students of Rhode Island Red shape will find Mr. Tompkins' male and females illustrated above most excellent models of Standard type.—J H Drevenstedt.

DEALINGS IN DAY-OLD CHICKS

REMARKABLE GROWTH OF A NEW AND PROFITABLE BRANCH OF AMERICAN POULTRY CULTURE. LARGE INCREASE IN THE DAY-OLD CHICK BUSINESS PREDICTED BY PROMINENT POULTRY RAISERS FOR THE COMING YEAR. SYMPOSIUM CONTRIBUTED TO BY LEADING SUCCESSFUL BREEDERS, WITH METHODS OF SHIPPING AND HANDLING DAY-OLD CHICKS



THE "Day Old Chicks" business has been developed in the past few years into one of the most important branches of the American poultry industry. In many cases the demand for day old chicks last season was far greater than the supply, orders for thousands of chicks being returned by many large and small producers because they could not "deliver the goods." We remember one instance last season, where an order for five thousand White Leg-

horn chicks for May and June delivery was sent by telegram to a noted White Leghorn breeder, and was refused by the latter, although the price offered was satisfactory. The fact was, this White Leghorn breeder had booked advance orders weeks before, which taxed the capacity of his flocks and incubators to the limit, in order to fill same on time.

Yet the "Day Old Chicks" business is not a new one, except in the modern American methods of conducting it. We find by consulting old French poultry books that it was customary twenty-five or more years ago for French poultry raisers and farmers to send the eggs laid by their hens to the Voiteillier Incubator Establishment near Paris, for the purpose of having them hatched in incubators and returned to them in specially constructed wooden boxes when 24 or 36 hours old. These boxes differed a good deal from the American boxes in use at the present time, being much larger, also more cumbersome.

In order to present readers of AMERICAN POULTRY WORLD with reliable facts regarding the shipping and handling of day old chicks, a series of questions was submitted to prominent breeders, who have been successful in producing and disposing of day old chicks at a profit, and the replies are published herewith:

Rogers Bros., Ransomville, N. Y., S. C. White Leghorns.
L. F. Holmes, Adams Basin, N. Y., S. C. White Leghorns.
Chas. F. Thompson, Lynnfield Center, Mass., R. & S. C.
R. I. Reds, B. P. Rocks and W. Wyandottes.

Pittsfield Poultry Farm, Pittsfield, Me., Barred Plymouth Rocks.

Babcock Poultry Farm, Fredonia, N. Y., S. C. W. Leghorns, W. P. Rocks.

U. R. Fishel, Hope, Ind., White Plymouth Rocks.
Thos. R. Levers, Hornell, N. Y., White Wyandottes.
H. A. Webster, Freneau, N. J., S. C. White Leghorns.
F. L. Ober, Verona, Pa., Rhode Island Reds.

J. C. Punderford, Freneau, N. J., S. C. Buff and W. Leghorns.

J. S. Haupt, Easton, Pa., S. & R. C. White and Black Orpingtons.

Van Wie Poultry Supply House, Schenectady, N. Y., White and Buff Orpingtons, S. C. W. Leghorns, Barred Rocks, R. I. Reds.

Wolverine Hatchery, Grapid, Mich., Reds, Rocks, Leghorns, Orpingtons.

W. J. Brower, Grafton, Ill.

1. What in your opinion is the out look for future business in selling day old chicks?

The day old chick business is increasing very rapidly. We expect next season to be the largest in the history of the business. Rogers Bros.

Judging from advance orders, the outlook is the best ever. L. F. Holmes.

Sale of day old chicks is on the increase every year, gradually taking place of the sale of hatching eggs. Chas. F. Thompson.

This business is increasing rapidly. We already (November 14th, 1910) have a large number of orders booked for next spring. Pittsfield Poultry Farm.

We think that the baby chick business will supercede the shipping of eggs for hatching, and will become one of the most important branches of the poultry industry. Babcock Poultry Farm.

Very bright outlook. U. R. Fishel.

Very good. Thos. R. Levers.

Very good. Have had quite a few inquiries for early deliveries. H. A. Webster.

We believe it will grow very fast. W. J. Brower.

Good. F. L. Ober.

I believe this coming incubating season will see the largest day old chick business this country has ever seen. J. C. Punderford.

The day old chick business will be the future way of buying stock. J. S. Haupt.

Expect the demand to exceed the supply for several years. Van Wie Poultry Supply House.

The selling of day old chicks is past the experimental stage and is growing faster than any other line of the business; future outlook very good. Wolverine Hatchery.

2. How far can day old chicks be shipped safely? Please give examples of successful long distance shipments you have made.

Day old chicks can with safety be sent on a two days' journey. Have sent two thousand miles and had them arrive in good condition. Chas F. Thompson.

Our long distance record is 50 chicks 2600 miles to Laramie, Wyoming, 46 arrived in excellent condition. Have also made successful shipments to Texas, Iowa, Minnesota and into every state east of the Mississippi. We have made successful shipments in the very coldest weather to Florida and Louisiana. We guarantee safe delivery anywhere within five days and nights travel. Pittsfield Poultry Farm.

Have shipped chicks which have been on road for forty-eight hours, arrived in good condition. H. A. Webster.

It all depends. If hatch comes off reasonably fast, can stand confinement in shipping box for 60 hours. Distance depends on direct or transfer shipment. I have shipped to Staunton, Va., two transfers according to agent, and shipment went through safely. Thos. R. Levers.

Three days is about the limit and would rather have it two. Have shipped to many parts of Canada and chicks have arrived in fine condition. J. C. Punderford.

We have sent chicks 3,000 miles. Have sent them 4 days on journey and never lost a chick. Sent chicks to Oklahoma, California, Florida, Maine, Canada, in fact every state in the Union. J. S. Haupt.



An up-to-date two compartment shipping box holding 50 day-old chicks. This style box is very extensively and successfully used, and is made in several sizes.



1,000 miles. Shipped 51 chicks from Pittsburg to Marquette, Mich. On road 52 hours, arrived in good condition. 3 months later the party still had 47 and they were growing fine. F. L. Ober.

I believe anywhere in United States, Canada or Mexico. U. R. Fishel.

From one to two thousand miles, depending upon speed of travel. This past season we made successful shipments to Red Lodge, Montana, Toombsboro, Ga., and two shipments to U. S. Army at Fort Caswell, N. C., without loss of a chick. The chicks in Montana shipment were supplied with water, litter and chick feed, with fireless hover and runway. The other shipments were without food or water of any kind. Babcock Poultry Farm.

We guarantee arrival for 36 hour shipments. Have shipped successfully to Maryland and Georgia. Van Wie Poultry Supply House.

Have shipped chicks from Corning, N. Y., to New Castle, Wyoming, and had them arrive in good condition. Much depends on the vitality of the chicks and the railroad over which shipment is made. L. F. Holmes.

They can be shipped 1200 to 1500 miles safely, but we guarantee safe arrival anywhere in the United States east of a line of states from Montana to Texas. We have made successful shipments of chicks to all the states east of thirteen of these states. Wolverine Hatchery.

Chicks can be shipped several thousand miles with but a slight loss in the corrugated boxes that we use. W. J. Brower.

3. Describe carrier used for shipping day old chicks and state how many birds may be placed in one compartment with safety. (Photographs of your shipping boxes will be appreciated.)

I use the regulation heavy pasteboard box, divided in four compartments. Never put over 25 in one section. J. C. Punderford.

We pack 25 chicks in each compartment made of light wooden boxes, using burlap coming down on chicks' back. J. S. Haupt.

Perfection shipping boxes. 15 to each compartment. F. L. Ober.



FIRST PRIZE S. C. BROWN LEGHORN COCKEREL AT MADISON SQUARE GARDEN N. Y. BRED & OWNED BY FRED. H. COOK BEAVER PA.

The cockerel illustrated above is a bird of excellent type, very good comb, nice lobes and very rich in color, the hackle and saddle feathers being beautifully striped with greenish black, the outer lacing or edging being a brilliant red — J. H. Drenstedt.

Not over 25 should be in one compartment. Shallow boxes covered with burlap are the best carriers. Chas F. Thompson.

I use a box 14 inches wide, 3 feet long, 6 inches deep, with three compartments lined with flannel. The compartments are made of cardboard and are round like a hat box, thus, there are no corners into which the chicks get trampled. L. F. Holmes.

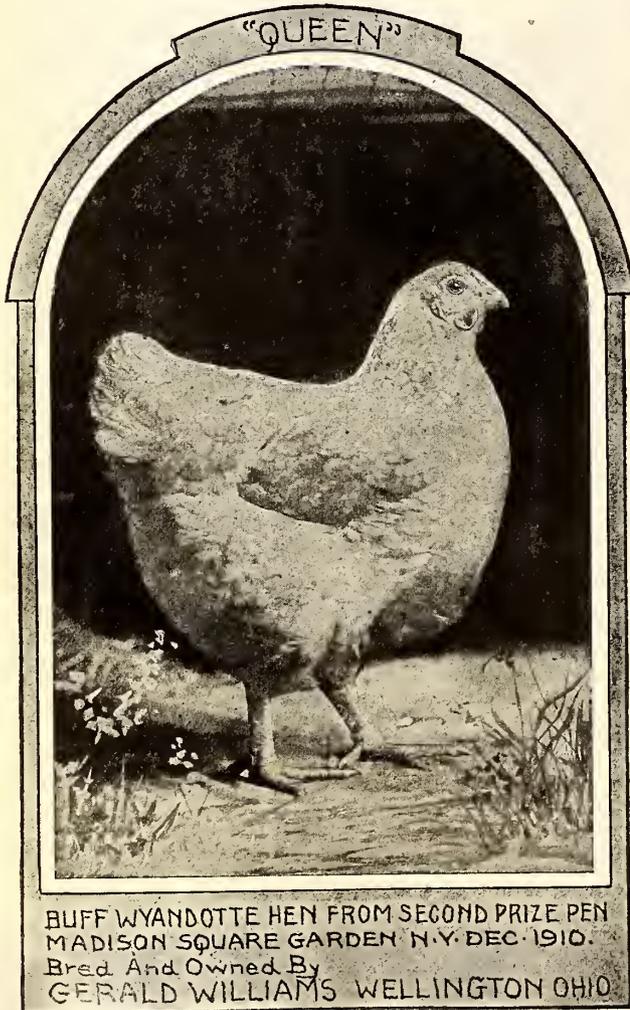
I use the Rippley corrugated card board box, which are made in 25-50-100 sizes. The 50 size has two compartments for 25 chicks in each compartment. The 100 size has four compartments for 25 chicks in each compartment. Box is made of strong corrugated card board with dead air cells; has proper ventilation; has dead air cells to keep out heat and cold. W. J. Brower.

Low flat corrugated paper boxes, with half inch holes in top and sides for ventilation. Planer shavings in bottom for bedding. We place from 15 to 25 in each compartment, depending upon the season of year, more in cold weather, and less in hot. Babcock Poultry Farm.

We packed our chicks in Sefton chick boxes, made of heavy corrugated paste board. We have sizes for 25, 50 or 100 chicks. The 50 size is divided into two, and the 100 size into four compartments. 25 chicks are put into each compartment. The boxes have a cover. There are six air holes in sides of box into each compartment. The boxes are tied up with heavy cord. Pittsfield Poultry Farm.

I use regular standard baby chick boxes. 25 chicks in one compartment can be shipped with safety. H. A. Webster.

I have used the Perfection shipping boxes and have also



“QUEEN”
BUFF WYANDOTTE HEN FROM SECOND PRIZE PEN MADISON SQUARE GARDEN N. Y. DEC. 1910. Bred And Owned By GERALD WILLIAMS WELLINGTON OHIO.

A remarkable hen in evenness of color, latter being a true buff all over surface, with solid buff tail and wing feathers. Type very good, showing good depth of body, with the necessary length of back. — Wm. C. Denny.

made some similar. I have found 20 chicks to be the limit to a compartment. Thos. R. Levers.

We use a corrugated pasteboard box with compartments holding 25 chicks. Rogers Bros.

We use corrugated cardboard boxes of 25, 50 and 100 chick size. Each box is divided so there are not more

expressmen. I have not lost over 1 4-5 per cent., not quite 2 per cent. L. F. Holmes.

Our entire losses last season less than 3 per cent. Van Wie Poultry Supply House.

Our loss during shipment amounts to about 2 per cent. Rogers Bros.

Provided packages are handled with care by express agents and free access of air is given to all air holes the loss will be practically nil. We shipped last season over 30,000 chicks and the losses we had reported were less than 2 per cent. These were almost without exception caused by carelessness on part of express messengers. Pittsfield Poultry Farm.

No great danger if care is taken by express agents. My experience of loss was one in 300 after traveling 48 hours. H. A. Webster.

If shipping directions are followed there is hardly a loss. Will not exceed 1 per cent. Thos. R. Levers.

The danger of loss lies in packing them in boxes that have not enough ventilation; loss about 2 per cent. We cover same by always placing a few extra. Wolverine Hatchery.

5. How soon after hatching can chicks be shipped, with safe arrival assured?

Must be shipped as soon as hatch is completed. W. J. Brower.

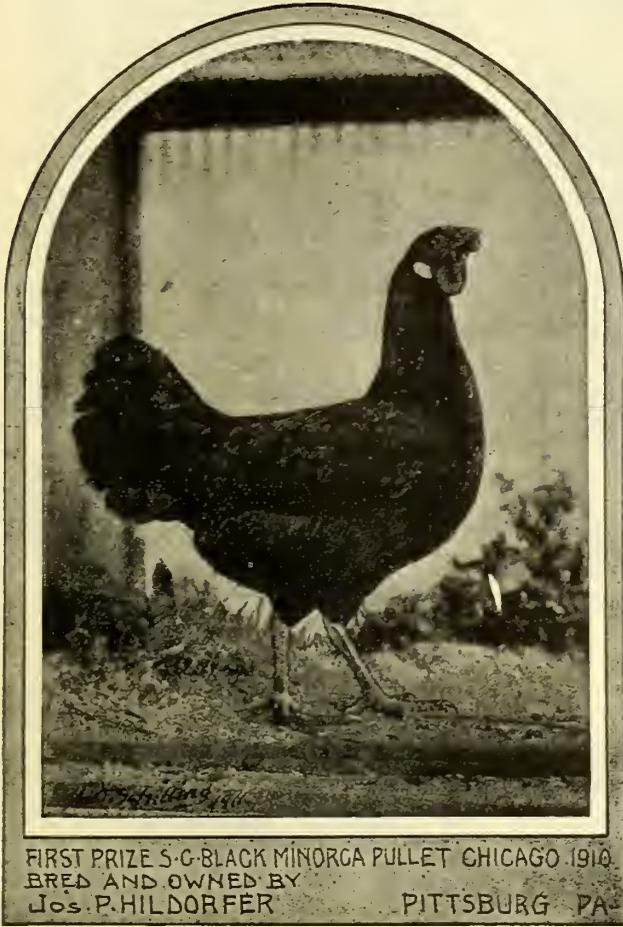
About 6 hours after hatching when well dried out good and fluffy. F. L. Ober.

Chicks should be shipped just as soon as incubator door can be opened, or just as soon as they are dry, lively and fluffy. Thos. R. Levers.

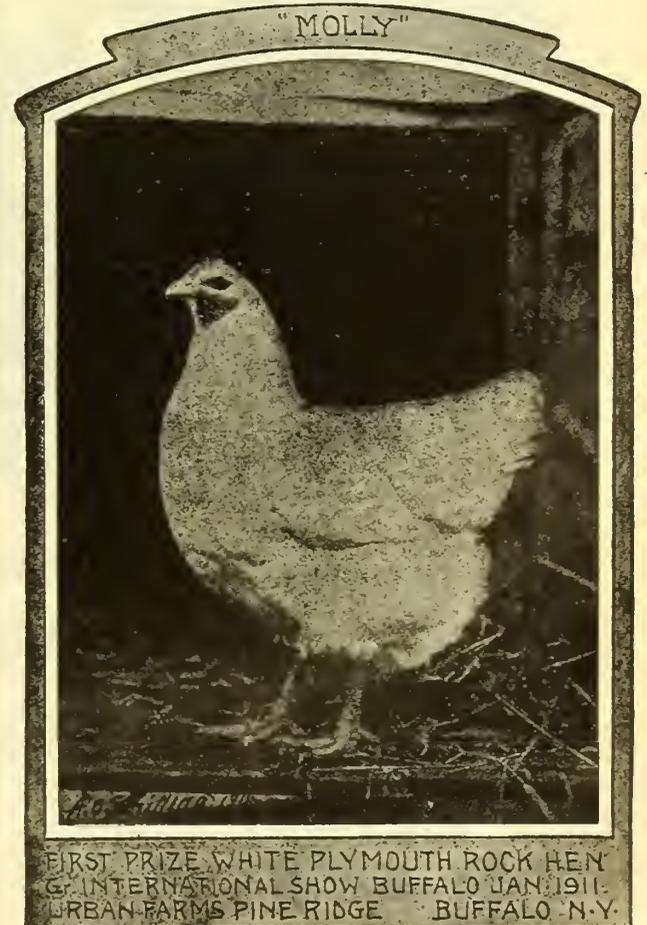
When taken out of machine. U. R. Fishel.

We ship them just as soon as they are dried off and are able to stand up in good shape, which is about twelve to fifteen hours old. Babcock Poultry Farm.

(Continued on page 449)



One of Mr. Hilldorfer's famous Jumbo Black Minorca females, grand in size, type and color with fine head points, comb and lobes.



The above is another of the high-class White Rocks produced by Urban Farms, Geo. Urban, Jr., Proprietor. These birds are noted for color, type and size, and the above hen comes very close to the ideal in shape.

than 25 in each apartment. In warm weather we put 20 in an apartment. Van Wie Poultry Supply House.

The carrier we use most is made of corrugated paper ¼ inch thick. The boxes are 4½ inches high, 12 inches wide and 24 inches long; divided in 4 compartments, holding 25 chicks each. Also 50 chick and 25 chick sizes. Wolverine Hatchery.

4. What is the danger of loss during shipment? What percentage of chicks are lost?

No danger of loss unless too many are put in a box. Our percentage of loss is less than 5 per cent. W. J. Brower.

There is very little danger of loss during shipment, we should judge that on an average the loss does not exceed 2 per cent. of total chicks shipped. Babcock Poultry Farm.

Danger of loss very slight, so far as I have investigated. U. R. Fishel.

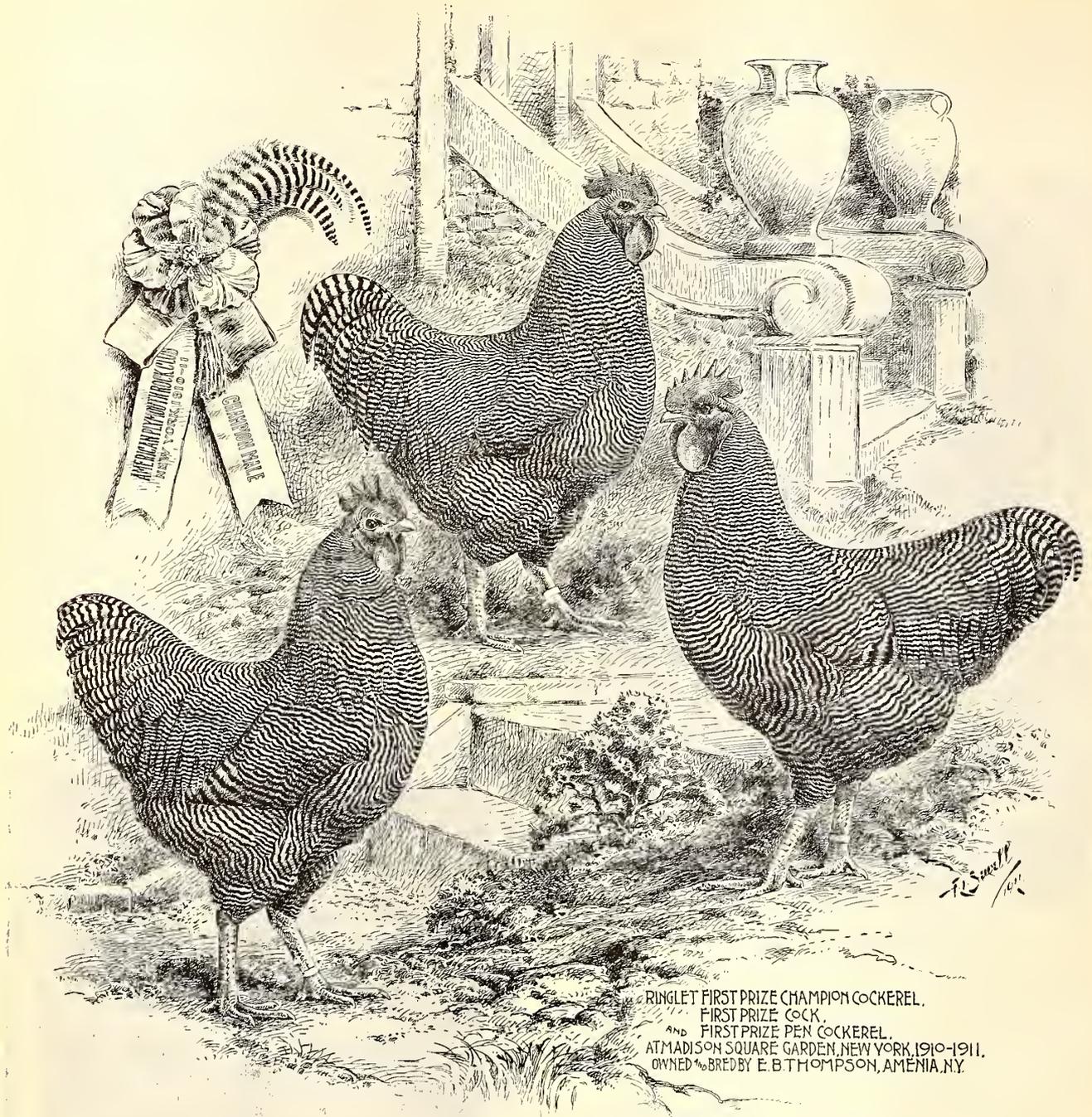
The danger of loss is not great. Should say from 4 per cent. to 5 per cent. loss. J. C. Punderford.

Getting chilled. About 2 per cent. F. L. Ober.

Loss in shipping is caused by waiting until the chicks are too old. If chicks are properly cooled off after hatch, there is very little danger of chilling. J. S. Haupt.

Very little loss in shipment, if sent so as to make close railroad connection. Not any loss unless delayed enroute. Chas. F. Thompson.

The greatest danger of loss is due to rough handling by



RINGLET FIRST PRIZE CHAMPION COCKEREL,
FIRST PRIZE COCK,
AND FIRST PRIZE PEN COCKEREL.
AT MADISON SQUARE GARDEN, NEW YORK, 1910-1911.
OWNED BY BREDBY E. B. THOMPSON, AMENIA, N.Y.

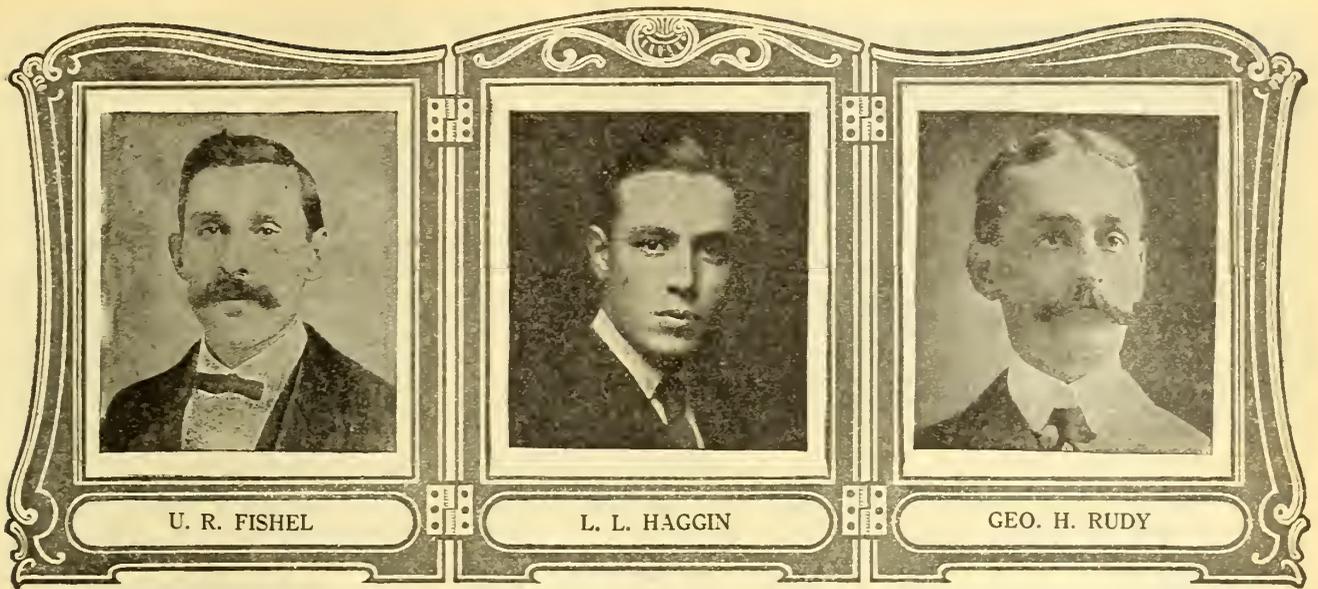
E. B. Thompson's First Prize Madison Square Garden New York, Winners 1910-1911

AS we look back over our 22 years' work at the eastern poultry shows, beginning with the first show held by the society that now governs the Madison Square Garden exhibitions, we can recall many birds that have recorded marked improvement in the development of the Barred Plymouth Rock—not only in color, but in Standard shape. The improvement of the Barred Plymouth Rock during the past quarter century is truly a great testimony to the skill of American breeders. For over 20 years we have illustrated Mr. E. B. Thompson's winners at Madison Square Garden. It would take quite a large book to hold the story of all his wonderful successes at that great show. It would prove to

be intensely interesting to read his description of how all his many winners have been produced—how parent stock was mated, how his young stock was reared and conditioned for these important events. His large 52 page catalogue with half a hundred illustrations is a brief history through which we can read considerable of his progress. After studying over every line in illustrating the three first prize males shown above and following the color over every one of their fine bars, we have been much impressed with the progress they exhibit in the wonderful regularity with which they are marked. It has taken the closest study and we scarcely feel that we have done them full justice. In the original

models there is richer, more charming effect which only nature can show and which can only be approached by art, and which must be seen to be fully appreciated. The beauty in the Barred Plymouth Rock as seen in these three males today is beyond comparison with what the Barred Plymouth Rocks were when Mr. Thompson began to improve them. These representatives—his RINGLETS first prize and champion cockerel, first prize cock and first prize exhibition pen cockerel—show the finest, closest and straightest Barring with Ringy effect that we have yet seen in America's greatest show, and where this year, the Barred Plymouth Rocks formed the largest class in the exhibition.

F. L. Sewell.



PROMINENT BREEDERS OF WHITE FOWL

HOW U. R. FISHEL, HOPE, IND., GEO. H. RUDY, MATTOON, ILL., AND L. L. HAGGIN, LEXINGTON, KY., SUCCEEDED IN BUILDING UP GREAT STRAINS OF WHITE PLYMOUTH ROCKS, WHITE WYANDOTTES AND WHITE ORPINGTONS

U. R. FISHEL

THE man who put White Plymouth Rocks most prominently on the poultry map of the United States is U. R. Fishel of Hope, Indiana. This shrewd and far-seeing Hoosier farmer and poultryman recognized the superior qualities of the White Plymouth Rock as an all around fowl for eggs and meat; he also realized that the breed value of the words "Plymouth Rocks" when used in connection with the white sub-variety would prove a winning combination. So with true Western push and energy he began advertising his now famous strain of White Plymouth Rocks in the most liberal manner. The leading poultry and agricultural publications were monthly mediums that never failed to call attention to Fishel's White Plymouth Rocks in the advertising and reading columns. Neither did Mr. Fishel fail to keep these papers supplied with new and elaborate illustrations of his winners at the poultry shows.

From a comparatively small beginning he soon found his poultry business growing so rapidly, that his breeding yards had to be increased to supply the demand for thousands of eggs which he received each year. In addition, he has many thousand birds raised on farms by contract, believing thoroughly in the theory that farm raised chickens that have unlimited range are the most vigorous and profitable.

His recent winnings at the great Hagerstown Show, where his birds met in competition many of the best Eastern specimens, proved conclusive that the Fishel White Rocks have the type, size and color that make up blue ribbon winners at the great poultry exhibitions.

L. L. HAGGIN

LOUIS LEE HAGGIN, owner of The Russell Cave Poultry Yards, has been connected with the breeding of thoroughbred stock for many years, in fact since a child. He spent several years in California and was interested in the Kern County Land Co., one of the largest cattle ranches in the world. Since then coming East for college, has been more or less interested in the great Elmen-dorf Farm. This farm holds a national reputation for its thoroughbred horses, Short horns, Jersey cattle, etc. A few years ago Mr. Haggin moved to Kentucky and became assistant manager of this farm and ever since then has become an ardent admirer of the S. C. White Orpingtons. When he first started raising them, he did it merely as a pastime, but seeing their great qualities, is now giving his entire attention to raising S. C. White Orpingtons exclusively.

The phenomenal record made by Mr. Haggin with his White Orpingtons last season, at the Appalachian Exposition, Allentown, and Madison Square Garden, recalls the remark he made to us in January, 1909: "To breed and produce only the best of White Orpingtons." This, all who know Louis Lee Haggin, expected would happen. He secured the best foundation stock obtainable and has added, from time to time, such males and females which in his judgment would prove valuable breeders. The first prize White Orpington cock at Madison Square Garden last December was purchased by Mr. Haggin at a long price, because he liked the size and type of the bird.

Not content with securing the best blood in America, Mr. Haggin, through his agent in England, purchased, what

is considered, the finest breed of White Orpingtons on the other side of the Atlantic. The price was a very long one, but the quality of this foreign importation warranted the expenditure. Among the imported birds are: The Crystal Palace Champion trophy winner—a grand bird, deep, wide, and massive, a monster, probably the largest White Orpington in existence. As a cockerel he carried off all cups at the Palace and Club Shows. This bird has been mated to six of the very best pullets that could be found in England. The other pens selected are equally good in quality, one cockerel (never exhibited) being especially high-class, being pronounced by prominent judges and exhibitors to be superior to the first cockerel at the Dairy Show, 1910. With him are eight picked females, none of the latter being over two years of age.

Mr. Haggin having made the right start, it must be obvious to all what the result will be in the future.

GEO. H. RUDY

ONE of the most successful breeders of White Wyandottes in the West is Geo. H. Rudy, of Mattoon, Ill. His "Perfection" strain has formed the habit of producing the winners of blue ribbons at the great Western Shows. At the Kansas City Show, 1910, Mr. Rudy took everything in sight in prizes and specials, his cock "Perfection, Jr." being the star of the collection. The latter is a worthy son of the noble sire "Perfection", a White Wyandotte male that won fourteen first prizes at such shows as Chicago, Kansas City, Indianapolis and other great shows, never having been defeated. Compe-

(Continued on Supplement 9)

AMERICAN POULTRY WORLD



DEVOTED TO THE
Upbuilding of the Poultry Industry
in All Branches

GRANT M. CURTIS Editor
J. H. DREVENSTEDT . . . } Associate Editors
WILLIAM C. DENNY . . . }

CONTRIBUTORS: The best informed and most reliable men and women at work today in the broad field of Poultry Culture and advancement.

STAFF ARTISTS:
Arthur O. Schilling,
Franklane L. Sewell,
I. W. Burgess,
H. G. Froby.

EDITORIALS

DAY-OLD CHICK SYMPOSIUM

In this issue of A. P. W. is published a symposium of unusual interest and importance. It treats of a new branch of the poultry industry, the hatching and sale of day-old chicks. This symposium is contributed to by experienced, successful poultry raisers—by men who know whereof they speak and whose reports can be relied on as being correct, to the best of their knowledge and belief.

It is astonishing with what strides the day-old chick business has gone forward in this country during the last three or four years. In 1904, at the time of our last visit to Europe, the sale of day-old chicks was becoming quite popular in England, partly because of the short distances, but mainly on account of the safety and convenience the plan afforded for securing young chicks of any variety.

As short a time as five years ago there was practically no day-old chick trade in the United States or Canada. Half a dozen or more poultrymen were then in the business, as we recall it, but their activities were unimportant as compared with present conditions. J. H. Wilson, Stockton, N. J., was one of the first men to do a large business in day-old chicks; so was M. Uhl, of New Washington, Ohio. Perhaps it was seven or eight years ago when these men began operations, although we have not taken the pains to look back through the poultry journals to find out definitely.

An interesting feature of the day-old chick business is the prices charged. On reading the sym-

posium here referred to, it will be noted that the prices given range upward from twelve and fifteen cents per chick to one dollar per chick. As a rule the twelve and fifteen cent chicks are hatched from eggs laid by so-called utility stock, whereas the dollar chicks are from eggs produced by standard-bred fowls. There are poultrymen in the country today who are asking five dollars and ten dollars per chick for day-old chicks—just as there are poultrymen asking, and obtaining, five dollars and ten dollars per egg, these eggs to be used for hatching purposes.

Quite often the prices charged by men in the day-old chick business are too low—so low that they spell bankruptcy. Eighteen months ago or such a matter the editor of a western poultry paper wrote us, asking our opinion of what was the matter with the day-old chick hatcheries in the middle west. He stated that several proprietors of these plants who had advertised in the columns of his paper had become bankrupt, and he wondered why.

We told him why. The reason was that these men were charging eight and ten cents each for day-old chicks—prices that did not cover the cost of production, let alone interest on the investment, a reserve for depreciation and a fair profit. As a rule these men, at the prices named, did not get more than day wages for their services. Their plants could be operated only three or four months out of each year, standing idle the rest of the time. It was no wonder that they could not pay their advertising bills, also for printing, postage, etc.

At the New York Poultry Show, December 27th to 31st, 1910, the proprietor of one of the largest chick hatcheries in New Jersey told us that it cost him during the season of 1909-1910 twenty-two cents each to produce day-old chicks from his White Leghorns. We thought this price somewhat high, but he named the different items one by one and seemed to have the facts well-in-hand. He counted interest on the investment, charged ten per cent. per year for depreciation, added up the cost of labor, fuel, broken eggs, dead chicks and numerous other items that the average manager of a chick hatchery might overlook—items, however, that have to be paid before real success is in sight.

A. P. W. stands for high prices—not exorbitant prices, but for cost of production, plus the cost of selling, also plus a good safe profit. This condition positively must be brought about in every branch of the poultry business, otherwise failure will be the outcome sooner or later, no matter how earnest the effort, how good the intentions, how hard a man or woman may work.

What effect the sale of day-old chicks in immense quantities, taking the country as a whole, is going to have on the sale of hatching eggs, on the sale and use of incubators, brooders, etc., no one can safely predict. It is a case of progress—of a survival of the fittest. Convenience and economy

will enter largely into the problem. In any event, let the procession move!

Many fanciers, including leading specialty breeders, are undecided at present what to do about the day-old chick trade. They have repeated calls for day-old chicks at attractive prices, but hesitate to enter this branch of the business. They find that they can get one dollar, two dollars, three dollars and even five dollars each for day-old chicks that are hatched from eggs produced by their best matings.

Whether or not to enter upon this branch of the trade in high class, Standard-bred stock is bothering some of the foremost poultrymen more than a little. The near future will solve the problem in numerous cases. Meanwhile the Standard-bred poultry business "is coming into its own"—is experiencing a revival, a moderate "boom" such as it has not enjoyed before in a term of years. And for this we may all be truly thankful.

MR. SCHILLING, TO EUROPE

Arthur O. Schilling, artist, is to spend three months of the coming summer in Munich, Germany, where he will enter an art school or take private lessons from an art tutor, with the object of still further improving his work as a delineator of fine fowls.

While in Europe Mr. Schilling will visit prominent poultrymen and well-known poultry plants in Germany, Holland, England, etc., and will take photographs, make notes, and prepare illustrated articles to be published in A. P. W. At the end of each week he hopes to make a trip to nearby points of interest, and going and returning he will see and learn all he can that may be of interest and value to our readers.

This trip abroad is Mr. Schilling's own idea. As he himself expressed it, "I am going to devote my life to art work for poultrymen and poultry publications, including book work, etc., but I want to learn more and believe I can get what I need in Germany to better advantage than any other place."

Mr. Schilling is still well under thirty and has a decidedly bright future. Of exemplary habits, he is a hard worker and has made wonderful progress as a poultry artist and judge of Standard fowls during the last five or six years. His many friends will wish him continued rapid success and a highly profitable trip to the Fatherland and such neighboring countries as he may condescend to visit.

Probably more or less will depend on how the frauleins of the Kaiser's dominions treat young Herr Schilling! This is fair warning, however, that if he brings one of them back with him he will be met at the steamer landing with a brass band and a liberal supply of Mellen's Food. Confidentially, Arthur was born in Germany—but through no fault of his own.

THE "REDS" AT NEW YORK

Boston, Mass., Feb. 14, 1911.

"Editor A. P. W.:

"I notice in a report of the New York Show where Geo. W. Tracey

mentioned that some Rhode Island Red hens did not receive consideration, owing to the fact that Judge Bryant considered them pullets. This is an erroneous statement.

"I do not consider a judge has any right to question the honesty of any man when he places a bird in a show as a hen, but that it is a hen. If any exhibitor claims it is a pullet, it is for him to make known the mistake and oblige the man who showed the bird to show the date that the egg was laid and the chicken hatched.

"But when I judge a class of birds and there are twenty-one in the class and they are listed as hens, they are hens, so far as I am concerned; but if they do not have sufficient merit to win, they do not get the ribbons.

"I think I am entitled to have that report corrected.

"Yours very truly,

"C. M. Bryant, Pres.,

"American Poultry Association."

BOSTON IN THE FIELD

Prominent members of the Massachusetts Branch of the American Poultry Association, forming a committee for that purpose, have issued an invitation to the A. P. A. to hold its 36th Annual Convention at Boston. This invitation bears date February 1st and has been mailed to all members of the A. P. A.

The invitation states that it has been thirteen years since a meeting of the A. P. A. was held at Boston; also that only one such meeting has been held in New England in twenty-eight years. The invitation goes on to say:

"COME, we will give you an IDEAL CONVENTION HALL and the best of Hotel Accommodations at reasonable prices. We will show more that is of interest to a poultryman, and more of Historic Interest to Americans than can be found in any other city. But we have a special reason for wanting the meeting this year.

"Since the Association was reorganized in 1907 you have four times honored our Branch by choosing one of its members your President. His fourth

term expires at the coming annual meeting. By meeting at Boston you will pay us a compliment we would highly appreciate. You will also enable us to add unusual interest to this meeting, and we will give you special features we are sure will please you. We New England members who have enjoyed the hospitality of those of other sections so much oftener than it is permitted us to return it, want to give you our very best when you come here. Vote for Boston this year, on the nomination ballot."

Following are the names of the committee:

- A. C. Smith I. K. Felca, II S. Babcock, Wm. Barry Cwen, John H. Robinson. F. W. Briggs, Luther Robbins, C. H. Latham, D. P. Shove, R. G. Davis, Wm. Ellery Bright, W. M. Conant, Chas. M. Bryant and W. B. Atherton.

WONDERFUL LAYING RECORD

Herewith is shown a picture, made from a photograph, of a Single Comb Rhode Island Red hen named "Minna", the property of J. H. C. Winston, Hampton-Sidney, Va.—a hen that during the last nine years has laid more than one thousand eggs and is still laying.

Under date of December 19th, 1910, Mr. Winston wrote as follows:

"Editor American Poultry World:—

"I am enclosing photograph and egg record of a nine-year-old hen—the egg record covering the eight years that I have owned her, down to date. You can use the picture and egg record as you see fit. This hen today looks good for another one thousand eggs—in fact she is prettier now than she ever was in her life and I have entered her in the hen class at the Virginia Poultry Association show to be held next month, for the



RECORD OF 1,004 EGGS AND STILL LAYING

Single Comb Rhode Island Red hen "Minna," owned by J. H. C. Winston, Hampton-Sidney, Va. That between the dates, November 1, 1903, and December 19, 1910, laid 1,004 eggs. On last date given hen was in excellent condition and still laying. See report herewith entitled "Wonderful Laying Record."

fun of it. For a good many years I reported her doings through the Southern Planter.

"Very truly yours,
"J. H. C. Winston."

RECORD OF THE HEN "MINNA"

"Hampton-Sidney, Va., Dec. 19, 1910. "Editor American Poultry World:— "The record of Dr. Sanborn's wonderful hen, as recorded in your December issue, together with your request for other records, induces me to submit that of my S. C. Rhode Island Red hen, "Minna".

"Early in 1903 Hon Chas M. Bryant presented me with a trio, valued by him at \$50.00, consisting of a cock and two pullets. One pullet was rather Cochiny and was killed. The other was "Minna".

"This record is not true "to the egg", but is a number of eggs below the actual record. Of course I had no idea it would be wonderful when I began it, but kept it at first because it was so easy and I was curious, and afterwards because I became interested. It was kept day by day on a calendar and put monthly in a record book.

"The first year the pair was kept in a separate enclosure. The second year she was mated to a son and this pair kept separate. The next three years I trap-nested, since which time she has been paired, or has been one of a trio.

Fell's Famous White Wyandottes

WINNERS AT THE GREAT

Madison Square Garden Show, December, 1910

in one of the largest classes ever exhibited, 1st and 3rd cocks, 2nd and 4th hens, 3rd, 4th, and 6th cockerels, 1st and 3rd pullets, 1st pen, special for best display on thirteen entries. MY WINNING PULLET was pronounced BY THE EXPERTS the best White Wyandotte Pullet ever shown: MY FAMOUS COCK, TEDDY, again wins first, making two years in succession that this grand bird has won this high honor in America's Greatest Show. My first pen stood out so far ahead of the class that they were judged by many before the awards were made.

I shall mate up the grandest lot I ever put together for my coming Egg Trade

SEND FOR FREE BOOKLET

A. J. FELL,

Box A,

WEST POINT, PA.

"For the first few years no soft-shelled or misshapen eggs were recorded, since which time all have been counted.
 "For several years the eggs have been badly shaped, the shell getting drier and drier and unsuited to incubation.

"Last season I set forty of her eggs and although most of them were fertile, only one hatched and the chick soon died. The shell rings like a piece of glass, and of course evaporation is improper. At first her egg was a medium brown; now it is almost pure white.

"A fact of interest is that she is the only Red female that I have ever had in these years that has held her color. She not only holds it wonderfully well during the laying season, but is today about as dark as when I got her, and is almost as active and trim as a pullet.

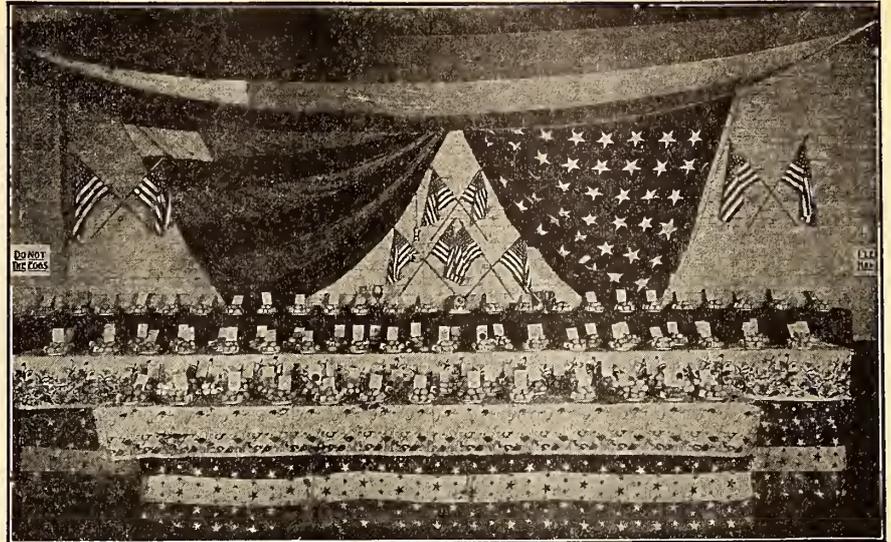
"She has been allowed to hatch eggs twelve times, including twice this year. I am enclosing two photographs of her made last March, after she had laid fifty eggs without offering to sit. The record follows:

- First Season (To Nov. 1, '03)...151 Eggs
- Second Season156 Eggs
- Third Season167 Eggs
- Fourth Season122 Eggs
- Fifth Season 98 Eggs
- Sixth Season107 Eggs
- Seventh Season110 Eggs
- November, 1909, 3 eggs; December, 12 eggs; January, 1910, 16 eggs; February, 19 eggs; March 19 eggs; April, 3 eggs; June, 4 eggs; July, 12 eggs; December 19-10, 5 eggs; total November 1, 1909-December 19, 1910 inclusive... 93 Eggs

Grand Total Recorded.....1,004 Eggs
 "Very truly yours,
 J. H. C. Winston."

We have written Mr. Winton, asking him how this practically ten year old S. C. Rhode Island Red female "came out" at the Virginia State Poultry Show. It would be a remarkable fact indeed if she were to win one of the regular prizes.

The Dr. Sanborn hen, as reported in our December 1910 issue, laid 1,002 eggs to the end of her seventh



DISPLAY OF 1,200 "EXTRA SELECT" HEN EGGS
 Picture of large and successful egg show held January 10-14, 1911, as part of the Altoona, Pa., Poultry Exhibition. See report herewith.

WHITE ROCKS AND BLACK LANGSHANS ARE The Dodson Standard Egg Machines

They make Eggs and Always Win the Blue.

"E. A. and C. E. Dodson have sold a pen of WHITE ROCKS for \$75. They are some of the DODSON STANDARD EGG MACHINES that attracted so much attention at the Poultry Show."—Alton Evening Telegraph, Jan. 16, 1911.

We have 11 Splendid Pens

from which many of next winter's

BEST SHOW BIRDS

will be produced.

Splendid Males at Bargain Prices now

Eggs \$5 for 15 - Eggs \$3 for 15 - Eggs \$2 for 15

Write for Mating List

At the Great Alton Show
 THE DODSON STANDARD EGG MACHINES
 won 1st Cock
 1-2-3-4 Cockerels
 1-3 Pullet
 1-2-3-4-5 Hen
 1 and 2 Pen
 THREE SPECIALS

E. A. AND C. E. DODSON,

UPPER ALTON, ILL.

Partridge Plymouth Rocks

Chicago and Cleveland Winners

Noftzger Strain

Having secured the cream of the 1910 production, I am in a position to sell a limited number of Eggs

From the best flock of Partridge Rocks in America.

I have in my breeding pens the following: Chicago, Dec. 1910 winners, 1-2 pullet, 2 cockerel; also the 1-2-3-4 pullet, 1-2-3 cockerel and 1st pen of Cleveland 1911, besides winners of over 30 prizes at two other high-class shows.

All pens are prize winners, one of which includes only first prize winners at the big shows.

Eggs from the choicest pen, \$35.00 per 15. Eggs from 5 other grand pens, \$10, \$15, \$20, \$25 and \$30 per 15. A square deal to all. No stock for sale. Send for mating list.

F. N. PERKINS,

22 Harland Ave.,

Freeport, Ill.

year, but laid no eggs during her eighth year. The Sanborn hen laid 208 eggs her first year, whereas the Winston hen is credited with only 151 eggs her first season.

The Winston hen was still laying December 9-19, 1910, having laid five eggs during the ten days—this, while she was in her ninth year.

Here we have a remarkable performance indeed and it is fortunate that Mr. Winston has kept the egg record of "Minna" down to date. It appears that she "leads the world" as an egg producer, so far as known records are concerned, and this fact should be gratifying to the breeders and advocates of Rhode Island Reds. The Dr. Sanborn hen was a Buff Wyandotte.

It will be interesting to follow this case and learn how many eggs the hen "Minna" lays from this time on until she runs out of material, or ceases to have the ability to handle egg-making materials in the excellent manner that has distinguished her thus far in her useful career.

NOW DOCTOR, TELL IT ALL!

Before his feet had fairly cooled off, after warming them for some time at our hearthstone, Dr. P. T. Woods was able to obtain his consent to write and sign the following article, which was published in the January, 1911, issue of *American Poultry Journal*, in the employ of which he now is:

"WHAT WILL A. P. A. DO ABOUT IT?"

"Some of the members of the American Poultry Association are asking whether the organization is to be conducted for the benefit of all members and poultrymen generally, or if it is to continue to be used to serve the private business interests of a few.

"It is now pretty generally known, through liberal advertising for more than a year, that a certain publisher is selling a series of breed books on poultry, the text and illustrations of which are based on the changes to appear in the 1910 American Standard of Perfection. It may not be so well known that the notes of the official

stenographer, who reported the A. P. A. work at Niagara Falls in 1909, were turned over to said publisher and made use of by him through his employees in the compilation, editing and revision of that widely advertised series of books. This, despite the fact that the A. P. A. work was intended for the new edition of the 1910 Standard, a book owned and copyrighted by the American Poultry Association. Of what value is the association's copyright, when such use is made of original manuscript and notes prior to the publication of the Standard? It should be also borne in mind that the before mentioned publisher employed, either directly or indirectly, (as writers, editors of books, and as artists), a majority of those engaged in the work on the new Standard and that a number of them were also, at the same time, employed in preparing his own poultry books or illustrations for same. Further, the official stenographer's notes, or duplicates of them, were furnished to those engaged in the work of compiling and editing these books. Did that have anything to do with the delay in getting the 1910 Standard?

"This will probably be set down to 'shrewd business enterprise.' Possibly it was, but it might earn another name that does not 'smell as sweet.' What will the American Poultry Association do about it?"

"Prince T. Woods."



SECOND PRIZE PULLET MADISON SQUARE GARDEN NEW YORK DEC. 1910 Bred & Owned By GROVE HILL POULTRY YARDS WALTHAM MASS.

A rarely beautiful Barred Plymouth Rock pullet showing most even and regular barring in every section, and having a bright snappy surface color. Although this pullet was not fully matured when exhibited at the Madison Square Garden, her surpassing color markings easily landed her in second place, classing her with the best of her kind ever exhibited at New York.. J. H. Drevenstedt.

We wonder if the good Doctor has told all there is to tell? Is there anything else which he learned, or imagines he learned, while in our

Rose and S. C. Black and White Minorcas



LADY MADISON Third New York Hen, 1909

METUCHEN POULTRY FARM'S WINNINGS AT THE MADISON SQUARE SHOW, PHILADELPHIA, BALTIMORE, ALLENTOWN AND HAGERTOWN DURING THE SEASON OF 1909, 1910 AND 1911, SHOULD CONVINCe ALL THAT THERE ARE NO BETTER MINORCAS BRED

I HAVE in the past years been in competition with the foremost breeders. My birds have not only won for me, but stock purchased from me and raised from eggs from my matings have been winning in all parts of the land. Eggs from grand matings at \$3, \$5 and \$10 per setting, or by the hundred at \$10, \$20 and \$40. I have 41 pens mated up, containing over 150 prize winners in them. Let me sell you next year's winners. Baby chicks from choice exhibition matings. Let me quote you prices. Catalogue free.

WILLIAM A. SMITH, Box 636, METUCHEN, N. J.

service that he would like to tell? If there is we hereby invite him to tell it—to tell it to the last word and syllable.

Never mind our feelings in the matter, Doctor! Possibly here is a public duty for you to perform. Then after you have spun your yarn and got it all off your system, we will set you straight on the facts, and will do it cheerfully.

To the interested reader, suffice it to say for the time being that the Doctor has not been a member of the American Poultry Association very long and has taken little or no part in the active work of the organization; therefore it is not to be expected that he would know, in every case, what he is writing or talking about.

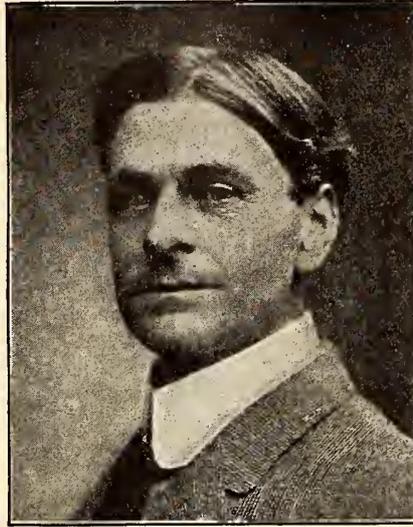
We crave indulgence for him on that ground and volunteer our services for his enlightenment. But first let him tell all he knows, or thinks he knows, so that the public may be fully informed.

We await the avalanche with such fortitude as we are able to command.

BIG EGG SHOW AT ALTOONA, PA.

On page 388 is shown a half-tone picture, made from photograph, of what perhaps was the largest and most attractive exhibit of select eggs laid by standard-bred fowls ever shown in America. We may be in error regarding the comparative size of this exhibit, but there were twelve hundred eggs on display, representing most of the popular varieties.

This egg exhibit was made at the Altoona, Pa., Poultry Show Jan. 10th to 14th, under the charge of J. W. Parks of that city, and the photo-



REESE V. HICKS, TOPEKA, KANSAS
Candidate for President of the American Poultry Association

graph was sent to A. P. W. by Thos J. Gallagher, one of our valued subscription solicitors. Writing of this large and interesting exhibit of eggs Mr. Gallagher states:

"That the practical side of poultry culture is receiving proper recognition

in Pennsylvania was demonstrated by the remarkable egg show held in connection with the Altoona Poultry Exhibition. Experienced fanciers, poultry judges and poultry paper men stated that this was the first really successful egg show they had seen. Even C. T. Cornman, poultry judge, who has been traveling over the entire eastern part of the country for the last twenty years, visiting poultry shows and fall fairs, pronounced this egg exhibit to be one of the treats of his life, and he had his lecture stand placed directly in front of this exhibit, delivering his lectures there.

"There was a display of over twelve hundred eggs—eggs from nearly all the leading breeds and varieties of poultry. A large number of the leading poultrymen of the state competed for the prizes. Much of the success of this display was due to J. W. Parks, who was selected by the association last fall as superintendent of the egg department. Mr. Parks is widely known as a breeder of bred-to-lay Barred Plymouth Rocks and therefore was well fitted for the position.

"That a successful egg show is a drawing card was easily seen, because as a rule visitors had to wait their turn to get a good look at this exhibit, especially so when there were many women about. This display seemed to be headquarters for them, and almost any time in the show room you could hear women complimenting the egg department.

"The association offered attractive inducements to get out a good representation in this department. A small entry fee was charged for each dozen eggs entered and liberal cash and special prizes were offered, including the following: \$1.00 first prize, \$.50 second prize for the different varieties of eggs; a fine silver cup for the largest and best display; several \$2.50 prizes in gold for class displays and a number of \$1.00 specials for such items as largest eggs, heaviest eggs, dozen eggs shipped from most distant point, etc. Furthermore, friends of the practical side of the

LATHAM'S EXHIBITION

Barred Plymouth Rock Females

PROOF Sweepstake Champion Female won eight (8) times at Madison Garden (including shows of 1910 and 1911), and Boston Shows three (3) consecutive shows at Boston, 1908-1909-1910.

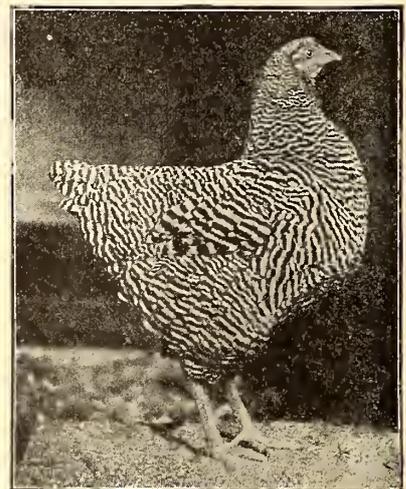
This record has never been approached
by any other breeder

THOUSANDS of Prizes won by my customers all over America and in foreign countries (won with birds bought of me, or with birds hatched from eggs bought of me). My **First Prize Pullet**, winner of **Sweepstakes Champion** and **Color Special** prizes at last Madison Square Garden Show, December, 1910, in the very **hottest of competition**—pronounced by the judge to be "**The best pullet he ever saw or handled,**" was bred from one of my matings of last year.

Someone Will Raise the "Top-Notcher"
The "Latham Best Pullet" for the Season of 1911-1912
WHY NOT YOU?

Twenty-five years of study and careful breeding—the records in the show rooms made by my customers and myself from the **results of this breeding**, stamps my **Barred Rocks** as the **World's Most Reliable Strain** as **Producers of the Best Standard Females**, the kind that win in the **keenest competition**. Every prize winning female I own will be expertly mated, and I will sell my customers eggs from **exactly the same females I breed from** for producing next season winners. My customers will have absolutely equal chance with me in eggs from my matings at **\$1.00 per Egg**. Positively no special eggs reserved. No exclusive matings. Spring Circular mailed on application.

C. H. LATHAM, Box B, LANCASTER, MASS.



First Prize Pullet Sweepstakes Champion at
Madison Square Garden Show.
December, 1910.

[Cut from untouched photograph just as the camera caught the bird.]

thorough-bred poultry business offered quite a list of specials, including silver cups and cash.

"Judge Cornman passed on the class and pronounced it to be the best, as well as the largest, lot of select eggs it has ever been his pleasure to place the awards upon. The awards were pretty evenly divided up. Naturally, Mr. Parks was delighted with the success of this egg show—as were the officers of the association."

LEAGUE OF POULTRY SHOW ASSOCIATIONS

A. P. W. is asked to publish the following notice, reporting the temporary organization of "The International League of Poultry Show Associations" and stating, in a general way, the objects of the new society:

"Jericho, N. Y., 2-10, 1911.

"A meeting of representatives from various poultry show associations throughout the United States and Canada met at Buffalo, N. Y., January 26, during the Great International Show, and approved the report of the committee which was appointed at the Madison Square Garden show the last week of December, 1910, to draft a constitution and by-laws for a new organization to be known as "The International League of Poultry Show Associations."

"The following temporary officers were elected to hold office until the constitution and by-laws receive ratification by all the show associations that desire to join as charter members before May 1st, 1911, and the election by mail vote of the permanent officers:

"Temporary President, Robert Seaman, Jericho, N. Y.

"Vice-president, T. E. Quisenberry, Columbia, Mo.

"Secretary-treasurer, Dr. S. A. Merkley, 1807 Seneca St., Buffalo, N. Y.

"Executive Committee:—Chas. D. Cleveland, West Orange, N. J.; L. G. Jarvis, Grimsby, Ont.; Henry D. Riley, Philadelphia, Pa.; E. J. Sweetland, Jamestown, N. Y.; Theodore Hewes, Indianapolis, Ind., and W. B. Atherton, Boston, Mass.

"Election Commissioner:—Chas. H. Ward, Bethel, Conn.

"There were thirty-three associations represented at this meeting and all were very enthusiastic in their predictions that much good could be accomplished through this new organization, which will become a member of the American Poultry Association and work in harmony for the advancement of poultry shows, both great and small, and in every way possible seek to advance the poultrymen's interests.

"One of the first problems for this association to tackle will be the ex-

orbitant express rates on poultry. To accomplish anything in this line it must be through the organized efforts of the great majority of the show associations of the country.

"Some other objects are the unifying of methods of show management, arranging show dates when possible so they will not conflict, mutual assistance in procuring state aid for winter shows, standardizing the stationery used for shows and in general protecting one another's interests.

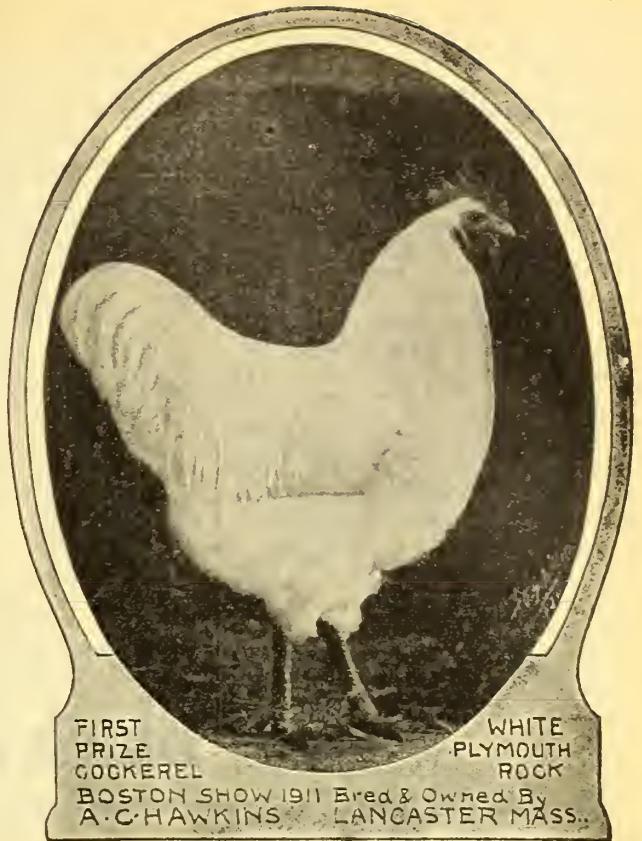
"Any show association in the United States and Canada can become a member of this league by signing the application blank and returning it, with the small membership fee, to the secretary and upon receiving approval of the executive committee.

"The secretary was instructed to publish copies of the constitution and by-laws, also other matter outlining the work this new association expects to do (and not talk about for several years.)

"Other meetings agitating the organization of this new association are also very good. Color of plumage pure white on surface and under. They were held at the fine representative of the White Plymouth Rock is one of the best young males exhibited in a number of years.—J. H. Drevenstedt.

"Copies of the constitution and by-laws of this association will be ready March 1st and all show associations that desire to obtain a copy, also other information, should write at once to the secretary, Dr. S. A. Merkley, 1807, Seneca St., Buffalo, N. Y."

Reading the foregoing reminds us that Hon. John H. Robinson, resident of a suburb of Boston, Mass., started four or five years ago what was called—for a brief spell—the New England League of Poultry Associations.



The above cockerel approaches the New Standard ideal in shape very closely. Neck, back and tail lines being especially well drawn. Comb and headpoints new association are also very good. Color of plumage pure white on surface and under. They were held at the fine representative of the White Plymouth Rock is one of the best young males exhibited in a number of years.—J. H. Drevenstedt.

A spirited meeting was held in Mechanics Hall building, Boston, during poultry show week and full assurance was given by the worthy founder of this movement that it was not to be hostile to the American Poultry Association. Things looked quite promising for the new league, and the constitution and by-laws, as prepared by Mr. Robinson, assisted by one or two others, read most engagingly—but the league and its sturdy advocates held but the one meeting. A year later there was to have been a banquet, but

Moore's S. C. White Leghorns

PROVE THEIR SUPERIORITY

The Great Rochester Poultry Exhibition, January 9-14, 1911

Winning in an open class of 83 birds, and 9 pens of SINGLE COMB WHITE LEGHORNS, Cock 1-3-5; Hen 1-2-3; Cockerel 1-5; Pullet 1-4-5; pen 1; and TWELVE SPECIALS, including best display of LEGHORNS; best display of S. C. WHITE LEGHORNS; BEST COCKEREL in Mediterranean class, and BEST SHAPED LEGHORN MALE in the show. Our stock is bred for constitutional vigor, large size and heavy egg production as well as for exhibition qualities.

EGGS FOR HATCHING and DAY-OLD CHICKS—UTILITY and FANCY
Choice stock for sale at all times. Send postal for free mating and price list

MOORE BROTHERS,

MOSCOW, N. Y.

by some oversight the new league neglected to get together.

Meanwhile, the American Poultry Association managed somehow to keep going along on its tedious, wobbly, blundering, much-criticized way, in spite of the back-handed assistance given it from time to time by the would-be founder of the league with a name just like the new one, except that it started off with the words "New England."

Now the Honorable John will claim we are poking fun at him!

Far be such conduct from our peaceful ideals and gentle way of living.

We much dislike to throw cold water on a movement that is meant to benefit the poultry industry in any of its branches, but this proposed new league does not possess the elements of longevity. If a similar league in the narrow confines of New England, with so capable a monitor as the Honorable John, could not live the short space of 355 days, what may we expect of an organization built on the same lines that is to take in most of the United States and a good share of the vast area to the northward?

Furthermore, we are reminded that "the objects" for which the American Poultry Association exists—see Article II. of the Constitution—include the following:

"The consideration of all questions pertaining to the poultry industry of America; the promotion of the interests of poultry breeders in general and of members in particular, and the encouragement of poultry exhibitions held under the rules and regulations of this association."

Under the "Duties of Executive Board", Section 31 reads as follows:

"It shall cooperate with branch associations and associate members in avoiding conflicts of dates in holding poultry shows and other poultry meetings."

Relief and protection, as regards excessive express rates and abuses that are fairly chargeable to the express companies, should be sought at the hands of the American Poultry Association—an organization that already numbers its members by the score in a majority of the most populous states and that has a strong representation in Canada. For the proposed league of poultry associations to undertake this will be for it to supercede the A. P. A. in work the latter organization should do and can do to better advantage—so it seems to us.

Arranging show dates so they will not conflict, is something that should be looked after—and the American Poultry Association should do it. This isn't a matter to be dreamed about or handled on paper. Poultry show dates, as a rule, especially those on which the big annual exhibitions are held, are fixed, not by the wishes of the local poultry show managers, but by the question of when

they can get buildings or halls that are suitable.

Unfortunately, the poultry show business has not yet reached a position where it can compete with horse shows, automobile shows, carnivals, etc., in renting the limited number of show halls that are big enough for a poultry exhibition; therefore we have to put up with the best we can do and accept such dates as are open, thus obtaining quite often a lower

R. C. Black Minorcas Exclusively
WINNERS at all leading shows in America. Have won more 1st and 2nd at Madison Square Garden than any other exhibitor or breeder. Show and breeding stock for sale. Mention A. P. W. T. A. McKITTRICK, Hudson, N. Y.



Buff Orpingtons
 1 cock, Madison Square Garden, N. Y., and Boston 1911, and many others of his blood in my pens. Read about them in 20 page illustrated catalogue Free
JOE PYE, Box 34
 South Norwalk, Conn.

CRYSTAL PALACE WINNERS THIS SEASON

Single Comb Reds furnished by us won at England's leading show. We have also furnished winners for America's leading shows. We can sell you eggs that will hatch winners.
TERRY & FREDERICKS, Single Comb Red Specialists, **GLOVERSVILLE, N. Y.**

GOLDEN BARRED PLYMOUTH ROCKS
 The Newest Variety of Rocks—Buff and White. Mating List.
HILLCREST FARMS, Box 0, **OKAFORD, PA.**

SINGLE COMB WHITE LEGHORNS
BABY CHICKS, Order now for April and May, 20 cents and 30 cents each. **EGGS.** By the sitting or hundred. First pen, \$3 per 15. Second and third pens, \$2 for 15. Write for price per hundred. D. W. Young's Strain.

E. R. McCUNE, **ASHTABULA, OHIO**

Black Langshans of Quality

We want you to send for our illustrated catalogue. It tells you all about us. You will want some of our eggs when you find out how choice a flock we have. **Cleveland and Brooklyn winners, 1910-11.**

Sixteen years with Langshans.

ELITE POULTRY FARM, R. F. D. No. 2, SO. BROOKLYN, O.
WM. BUDDENHAGEN, Proprietor.

URBAN FARMS
Black Langshans
White Plymouth Rocks

Winning at Madison Square Garden Show

New York, December 29th to 31st, 1901, on Black Langshans (the only variety we exhibited there), 1st Cock, 1st Hen, 3rd Cockerel, 5th Pullet and 1st Pen.

At the Great International Show

Buffalo, January 23rd to 29th, 1911, Special for best exhibit of Black Langshans, also the S. O. Barnum Cup and the Oliver Cabana Special for most Firsts in this variety.

THE National Langshan Club Special for best shaped female, and the National Langshan Special for the best colored female. The White Plymouth Rock Club Cup and Special for best Cock, that was also declared the best male bird in the show, all varieties considered. Special for the best White Plymouth Rock Hen, and Special for the best Plymouth Rock Pen, also Special Ribbon for the best display of White Plymouth Rocks. Specials for the best display of S. C. Light Sussex. Special for the best display of Silver Campines. Special for the best display of Phoenix. Stockholder's Special for the largest entry in competition. Directors' Special for the Best Male Bird in the show. Cup of L. H. Baldwin, Honorary President of Toronto, Ontario, on best three Pens of Poultry. Cup of Chamber of Commerce and Manufacturers' Club of Buffalo, Challenge Trophy, winner of most points on poultry. The Urban Special, winner of most firsts on poultry with at least two other exhibitors of same varieties in competition.

REGULAR PREMIUMS AND RIBBONS (On all varieties)

FIRSTS	SECONDS	THIRDS	FOURTHS	FIFTHS
21	6	6	4	2

We offer a limited number of Eggs for sale at moderate prices. Catalogue on application
URBAN FARMS, PINE RIDGE, BUFFALO, N. Y.

Wood's White Wyandottes

"USEFUL AS WELL AS BEAUTIFUL"

You want White Wyandottes because they are the peer of any breed or variety of poultry. Mine have many years of careful and honest endeavor behind them with the aim to produce the best possible. Customers everywhere report satisfactory results. **LET ME HAVE** your egg orders early better for you, better for me—as the demand is great. Choice exhibition matings, 15 eggs, \$3.00; 30 eggs, \$5.00. Trap nested. Farm raised. Circular. Established 1892.
F. H. WOOD, Station D, **CORTLAND, N. Y.**

rental than otherwise would have to be paid.

"Unifying the methods of show management" may possess merit, but not enough by long odds to keep alive the proposed league of poultry associations—not when we consider the broad stretches of territory which this association will seek to embrace. Standardizing the stationery to be used by poultry shows is not practical and would be of little use if it were adopted.

The idea of the proposed new league appears to be that it will join the American Poultry Association as an associate member and hold its annual meetings in connection with the annual conventions of the parent body. So far so good. But more progress will be made and greater success attained in a shorter space of time if these same men will prevail on the Executive Board of the American Poultry Association to take up these various matters—these objects of the proposed new league—and carry the work forward vigorously with all the prestige and influence of the A. P. A. back of it.

The American Poultry Association now has nearly three thousand live, active members, and with the 1910 Standard of Perfection out of the way, it needs exactly this kind of work to do or there will be small excuse for its continued activity—for its efforts to secure still more members.

Furthermore, it is going to require money with which to do the things

the proposed new league says it is to undertake—and the A. P. A. now has funds which it can put to no better use, for example, than in handling the express-rates situation.

HOW MR. MATTESON'S 238-242 EGG HENS WERE TRAP-NESTED AND CARED FOR AND WHAT THEY WERE FED

In December, 1910, A. P. W., pages 100-101, was published a report of date November, 1910 from F. W. Matteson, 3838 Woodley Lane, Washington, D. C., to the effect that between the dates January 2, 1910, and November 9, 1910, three of his trap-nested Barred Plymouth Rocks laid 202 eggs, 192 eggs and 170 eggs—

and they were still laying at the time Mr. Matteson favored us with the report.

In commenting on the heavy egg yield of these three hens during a period of practically ten months, we stated that we would ask Mr. Matteson for a report covering their egg yield for a full year, all of 1910, and would also ask him to describe for our readers his method of trap-nesting.

Mr. Matteson has complied with our request and we are pleased to publish herewith an affidavit from him as to the correctness of the egg records of the three hens, also Mr. Matteson's report of how he trap-nests his layers, the quarters they occupy, what he feeds them, etc.

MR. MATTESON'S AFFIDAVIT

"District of Columbia, City of Washington,
 "The following records were made by my three Bred-to-lay Barred Plymouth Rock hens during 365 consecutive days, commencing January 2, 1910, and ending January 1, 1911, viz.:
 "Hen No. 10: Jan., laid 20 eggs; Feb., 18; March, 23; April, 23; May, 23; June, 17; July, 23; Aug., 24; Sept., 21; Oct., 10; Nov., 22; Dec., 17; and Jan. 1st, 1911, 1 egg, making a total of 242 eggs.
 "Hen No. 11: Jan. laid 19 eggs; February, 18; March, 24; April, 26; May, 21; June, 17; July, 15; August, 19; September, 18; October 15; November, 22; December, 24; making a total of 238 eggs.
 "Hen No. 14: January laid 23 eggs; February, 24; March, 22; April, 21; May, 19; June, 16; July, 19; August, 15; September, 11; October, 0; November, 16; December, 0; making a total of 186 eggs.
 "No eggs were credited to these hens unless the hen was actually released from the trap-nest, her leg band number taken and at once recorded.
 Sworn and subscribed to before me this 5th day of January, 1911.

(Seal.)

"John B. Daughton, Jr.,
 "Notary Public."

HISTORY REPEATS ITSELF

The Best Winners of 1911-1912 Will Be Hatched From Eggs Laid by

BRIGHT'S BEST OF ALL STRAINS OF BARRED PLYMOUTH ROCKS

They lead at Madison Square Garden, New York, Shows

as conclusively proved by the unparalleled record at New York of 50 per cent of all Firsts competed for on Males, showing at nine shows since 1902. As many as all competitors put together. More prizes total than any competitor. The best pens we ever had are our 1911 pens. For male breeding, nearly every pen is headed by a New York winner, or the sire of a New York winner. Of these we certainly shall have more than any other breeder. No less than seven New York winning males head our cockerel pens. The females in our exhibition male producing yards are few in number but most carefully selected and it would be impossible for the most experienced breeder to select the best for breeding* value. We positively ship you eggs from each female that is laying. We do not have one set of eggs for you and another for ourselves.



Champion "Crusader V," first cockerel, color special, champion male, and American Poultry Association Medal winner at Madison Square Garden, New York, 1910, the second of our famous Crusader line to win a New York championship. Three of the last five New York champions have been Grove Hill birds, bred, owned, exhibited.

Our Exhibition Females

have done remarkably well at Madison Square Garden, winning second on pullet three out of the last four times, once winning both second and third. Our pens have always had a high place in the awards and twice at Madison Square Garden shows won firsts.

EGGS

from the same birds we shall hatch our winners from \$10 per 15, \$18 per 30, \$25 per 45, \$30 per 60, \$50 per 100.

A few splendid breeding birds of great merit, line bred and of dependable breeding quality yet for sale.

Write for mating list. Write for list of winners.

Grove Hill Poultry Yards, Box 804, Waltham, Mass.

WILLIAM ELLERY BRIGHT, Proprietor.

A. C. SMITH, Superintendent.

TRAP-NESTING, CARE AND FEEDING

"3838 Woodley Lane,
Washington, D. C.,
January 5, 1911.

"Editor American Poultry World:

"Referring to your editorial on page 100 of the AMERICAN POULTRY WORLD for December, 1910, in reference to the high trap nest records of my Barred Plymouth Rocks and to your request for my method of trap-nesting, cost of apparatus, labor and time involved, the following report is furnished:

"The trap nest used is one of the most extensively advertised on the market. [For sale by F. O. Welcome, Yarmouth, Maine.—Ed.] The device is patented and I paid \$3.00 for plans, specifications, a sample of the trigger and a license to make them for my own use only. It is a fairly simple operation to cut the triggers with a scroll saw, but to those who do not want to make them, additional triggers are sold by the patentee at 25 cents each.

"The nest itself is made from any box about twelve inches square by seventeen or eighteen inches high. I find boxes which contained one dozen quarts of Carter's or Stafford's ink or mucilage exactly the right size and have made most of my nests with them. Any other boxes, however, of approximately the size given will answer the purpose.

"The door to the nest is made in accordance with instructions furnished by the patentee and is attached to the box by small strap hinges. The hinges and other hardware required cost 6 1/4 cents per nest.

"Suitable boxes can frequently be procured for nothing, but if purchased, ten cents would cover cost of box and sufficient material to make the trigger and finish the door.

"There should be seven or eight nests for each pen of twelve to fifteen hens, and if triggers are home made and boxes are purchased it will cost to equip, say four pens with thirty nests, the \$3.00 paid for the license, \$3.00 for boxes, \$1.88 for hinges and hardware, or a total of \$7.88 for 30 nests, to which must be added the value of labor, which is considerable, but hard to determine, as I made mine at odd times.

"If triggers are purchased from patentee, twenty-nine will cost \$7.25 plus \$3.00 for license, \$3.00 for boxes and \$1.88 for hardware, or a total of \$15.13 for thirty nests.

"If nests are fairly uniform in size and are hung along the wall in a row, they are very neat and attractive in

SILVER PENCILLED ROCKS

Winners Madison Square Garden, Boston, Philadelphia. Mating List.

HILLCREST FARMS, Box O, OAKFORD, PA.

Mineola Strain Buff Wyandottes
WIN AGAIN AT THE GARDEN

Does 1st pen, 3-4 pullet, two years in succession demonstrate anything to you? If it does, I am ready to book your order for eggs. Better be prompt.

L. D. HOWELL, MINEOLA, N. Y.

F. L. Poultry Farm Rhode Island Reds

BOTH COMBS

**1909-10 winners at Hagerstown, Chicago, Pittsburg
McKeesport and Butler Shows**

Young stock now ready. Some grand early hatched cockerels for the early fall shows. Write your wants.

F. L. OBER, Fair treatment guaranteed. VERONA, PA.
R. F. D. No. 1.

Fairfield White Rocks to the Front

**Won at Allentown, Pa., 1910 Fair, 3 firsts, 2 seconds, also
Challenge Cup for best White Rock**

Bridgeton, N. J., 1910, 4 firsts, 16 ribbons on 18 entries, also Challenge Cup for best display of Rocks, all varieties completing, also State White Rock Cup for best display. Philadelphia, Pa., 1910, 6 ribbons on 2 entries, also cup for best display.

Eggs from special matings, \$5.00 per 15. Utility Eggs,
\$1.50 per 15. Special price on 100 lots or more.

WRITE FOR PRICES

Fairfield Poultry Farm, N.W. Schnitzer, Prop., Fairton, N. J.

Partridge Plymouth Rocks

THE WONDERFUL NEW BREED

Combining great utility with wonderful beauty. The best investment today in poultry. Send for handsomely illustrated booklet. Stock, eggs and baby chicks for sale. Write for what you want.

Here is an opportunity to make a profitable investment in poultry. Write at once to

S. A. NOFTZGER, Originator of Partridge Plymouth Rocks, Box J, NO. MANCHESTER, IND.

GET THE BEST

FROM five exhibits, season 1910-1911, namely Madison Square Garden, N. Y., Philadelphia, Pa., Grand Central Palace, N. Y., Paterson, N. J., and Orange, N. J., I won 23 firsts, 13 seconds, 10 thirds, 5 fourths, 5 fifths, 7 cups, 5 specials, 1 medal and numerous cash prizes :: :: :: :: :: :: :: :: :: :: :: :: :: :: ::

*I have no more stock for sale this season.
Will book a limited number of settings from
prize birds only at \$10.00 per setting.*

Nothing Better at Any Price

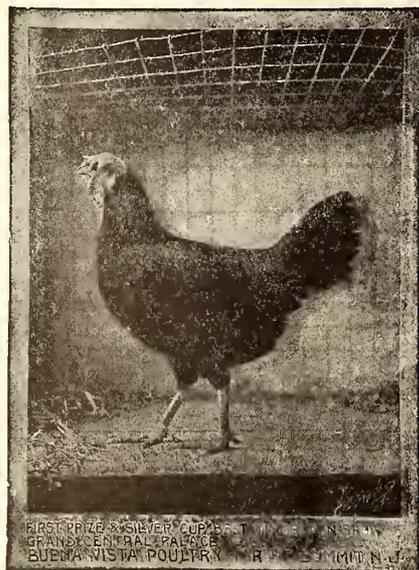
Mating List Now Ready

S. C. Black Minorcas and Langshans

Buena Vista Poultry Yards, BREEDERS AND EXHIBITORS, Summit, N. J.
C. M. FERRY, Prop., Route 25.



BACK LANGSHAN CKRL.
A WINNER AT GRAND CENTRAL PALACE SHOW, 1910
BUENA VISTA POULTRY YARDS, SUMMIT, N. J.



FIRST PRIZE SILVER CUP BEST LANGSHAN
GRAND CENTRAL PALACE
BUENA VISTA POULTRY YARDS, SUMMIT, N. J.

appearance and form a shelf upon which it is convenient to place the food hoppers, water vessel, etc.

"When the hens are laying heavily it is best to make about seven visits to the nests per day, first in the early morning, second and third between the first visit and noon, fourth about noon, fifth and sixth in the afternoon and seventh in the evening. The hens are fed at the first and sixth visits and I lock up at the seventh, so that four of the visits only are chargeable to the trap nests.

"The three Bred-to-lay Barred Plymouth Rocks whose egg records for ten months and nine days were given in my letter published on page 100, AMERICAN POULTRY WORLD for December, 1910, completed the year January 1, 1911, and made records for 365 consecutive days as follows:

"Hen No. 10: 242 eggs.

"Hen No. 11: 238 eggs.

"Hen No. 14: 186 eggs.

"All of my fowls, as a matter of course, receive good treatment, but these three hens were not singled out for forcing for heavy egg production. Except during the winter and breeding season they were on free range in orchard, pasture and woods, with about forty other hens, and were fed but twice a day, receiving each time one handful of mixed grains per fowl. They were also fed large quantities of lettuce from the garden, and an occasional pan of sour skim milk was also fed. No meat scrap or dry mash was fed during the time they were on free range.

"During the winter and breeding season they were in a pen 6x12 feet, with ten other hens, and were allowed to run in a yard during good weather. During the winter and breeding season they were fed more liberally, receiving the same quantity of mixed grains as when on free range, together with whatever green stuff I could get, such as cabbage, sprouted oats, potato peelings, etc. Either sour skim milk or meat scrap was kept before them most of the time.

"Last winter my hens had access to hoppers containing a dry mash made of equal parts by weight of bran and middlings. This winter I am using the Maine Experiment Station dry mash, leaving out the meat scrap and linseed meal. The meat scrap is being fed separately in hoppers and the linseed meal not at all, as I am afraid of it. I am also this winter feeding large quantities of sprouted oats, as I have learned a convenient way of sprouting them in quantities.

"A large number of my fowls give every promise of exceeding last year's records, not only on account of the liberal feeding of sprouted oats, but because I was able to commence trap-nesting earlier.

"It must also be remembered that all of my fowls have behind them twenty generations of trap-nested and bred-to-lay stock.

"I enclose sworn statement as to the correctness of the records of hens 10, 11 and 14.

"Respectfully,

"F. W. Matteson."

It will be noted that Mr. Matteson in his report on the care and feeding of his hens, states as follows: "I am also this winter feeding large quantities of sprouted oats, as I have learned a convenient way of sprouting them in quantities."

We regard the use of sprouted oats as a valuable means of increasing winter egg production, therefore we are again writing Mr. Matteson, this time asking him to describe—and perhaps illustrate—the convenient way he has learned and put in practice for sprouting oats in quantities.

Unquestionably, green food of some kind is essential to heavy egg production during the season of the year in different localities where the fowls

cannot pick up green food in the form of vegetation out of doors, hence the importance of this question to all poultry raisers who want eggs during the winter time, for any purpose whatsoever.

MR. HEMENWAY A CANDIDATE

Mr. Earl Hemenway, South Haven, Mich., a long-time member of the American Poultry Association, has announced his candidacy for a position on the Executive Board. Mr. Hemenway took a prominent part in the organization of the recent Michigan Branch of the parent body and no doubt will receive a numerous vote from fellow members in his home state.

Mr. Hemenway is in the real estate and insurance business, has been interested in the poultry business many years, acts as judge of standard-bred fowls, is a man of exemplary habits and if elected to the position for which he is a candidate, he no doubt will serve the association in an able and conscientious manner.

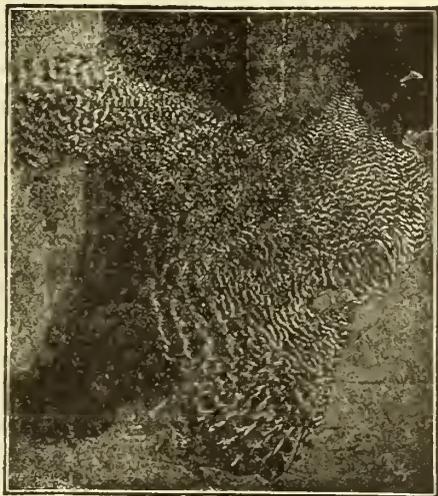
INDIAN RUNNER DUCK BOOK

As announced in a previous issue of the AMERICAN POULTRY WORLD, a book on the Indian Runner Ducks has recently been published. The book contains 100 pages and is brimful of facts that every breeder of this variety should know.

The book is now ready for delivery and may be obtained from this office postpaid for 50 cents, or in combination with AMERICAN POULTRY WORLD one year for 75 cents. Send all orders to AMERICAN POULTRY WORLD, 158 Pearl Street, Buffalo, N. Y.

FIRST PRIZE RECORD

By Bradley Bros., Lee, Mass. **Barred Plymouth Rocks at Madison Square Garden Show**



"WORLD'S CHAMPION OF 1906" OUR \$2,000 MALE.

Winner of First Prize and Sweepstake Special at New York's Great Barred Plymouth Rock Show, nearly 500 in line. Is descended from the sire of 1st Chicago Cockerel, 1902; also from sire of First Chicago Male 1906. These and other Chicago 1st Winners in several shows were bred by us. Sons were winners in several shows, including New York and Boston.

FOR 22 YEARS AT MADISON SQUARE GARDEN SHOWS our strain, including birds we bred and raised shown by customers, has held the lead by winning more first prizes total than any exhibitor has won on any B. P. Rocks, whether on his own or on stock obtained outside in addition. Birds we bred and raised have also won 20 per cent more First Prizes on Cockerels, 22 per cent more First Prizes on Males, than any other B. P. Rock exhibitor has won.

\$500.00 EACH FOR OUR MALE BIRDS has been far from a prohibitory price; females from our breeding have been in good demand at \$100.00 and upward each; Eggs we sold at regular rates in our ordinary shipping proved worth \$100.00 per setting and more to a goodly number of our customers.

Notwithstanding we will again share eggs for hatching from just such pens as produced these highest grade birds and every buyer this season of 1911 purchasing one or more settings from us is to have a good chance for similar results.

EGGS for hatching from these pens: \$10 per 12; \$20 per 26; \$25 per 33; \$67 per 100. Orders booked ahead to be filled in rotation. Price the same on eggs from both cockerel and pullet pens. (One or more of our matings will be made also with reference to producing fine results in both sexes.)

24 of our "Lee Belle" line of females have been first winners at New York shows alone. 54 winning males at New York shows have been bred by us.

FOR SALE: Brothers and Sisters to First Winning Males at the largest shows this season—bred and raised by us; also those sired by first winners at Boston and Madison Square Garden, New York shows. Can furnish grand cockerels and pullets, very highest grades at \$25 to \$50 and up. Good grades at less prices.

Never has the Superiority of our Strain been more Clearly Revealed to the general public than now. At nearly every one of the largest shows one or more First Prizes have been won by birds direct from us or from our eggs.

We are booming our patrons; yes, and our competitors too. THAT IS GOOD. We can boom you, for we have the goods. Price is of secondary importance so long as you can get the quality. Illustrated Circular Free.

BRADLEY BROS., BOX A, LEE, MASSACHUSETTS

EDITORIAL NOTES AND COMMENT

J. H. DREVENSTEDT

—STANDARD EDITOR—

The American Standard of Perfection, 1910 Revision, is now in the hands of over ten thousand poultry breeders, the advance orders amounting to close to the ten thousand mark, with daily orders pouring in to the secretary since the new book appeared on or about February 1st. It is a larger book than the preceding Standard, exceeding the latter by 41 pages. It is also a much heavier book than any of the Standards published in the past, the increased number of pages, due to the admission of several new varieties and numerous new illustrations, as well as the thicker and higher grade paper, adding considerable bulk to new Standard. The cover is also more attractive in appearance than the one that contained the pages of the 1905 edition, giving the present book more of a "library look" and bringing it closer in line with other text books and works of reference.

That errors of omission and commission will be found in the New Standard is obvious; that fault will be found with the illustrations is natural. Perfect text books of this class are impossible creations, while illustrations, no matter how fine the technique of the artist may be, will be criticised favorably or unfavorably according to the point of view of the critic. It is extremely difficult to get poultry experts to agree on the correct type and color of a living model in feathers, so it is perfectly natural that they will disagree equally much when they see the counterfeit presentment. That there also will be unjust and undeserved criticism levelled at the makers of the text and the illustrations, it to be expected from sources that have a natural antipathy to everything the American Poultry Association enacts and publishes. But whatever faults may be found with the present Standard, all fair minded men will admit it as a fact that the 1910 American Standard of Perfection is far superior in text and illustrations to any of its predecessors.

We have not been in a position to carefully read over the pages or study the illustrations of the new Standard up to the present time, but expect to review both the text and the work of the artists in future numbers of AMERICAN POULTRY WORLD. Readers of the later are invited to submit their criticisms of the descriptive and illustrative matter in the new Standard for publication in these columns. There is nothing of more importance in Standard-bred poultry culture than a healthy, clean and honest discussion of the Standard laws, descriptions, definitions and illustrations. Such discussions bring out all the defects and merits before the great body of American poultry breeders, and will accomplish much good in preparing and compiling a greater and better Standard few years hence.

The Massachusetts branch of the American Poultry Association, in a printed circular letter sent to members of the American Poultry Association and to the poultry press, extends a hearty invitation to the old society to hold its 36th annual convention at Boston next summer. With characteristic conservatism and dignity the committee issuing this invitation calls attention to the advantages of holding in "The Hub", where the cool ocean breezes temper the summer heat, the only warm

proposition that awaits visitors being the proverbial hospitality and good fellowship of the Bay State poultrymen. At nearly all annual meetings of the American Poultry Association in the past, no matter how remote the place of holding was located, Massachusetts was represented by one or more of its loyal members. It would be a graceful act to recognize this loyalty and interest in the welfare exhibited by not only members in the old Bay State, but by members throughout New England, to vote for Boston for the next annual meeting of the American Poultry Association. Furthermore it will do much to stimulate a greater interest in the affairs of the old Association, as hundreds of new poultry breeders have sprung up since the last meeting of the American Poultry Association was held at Boston in 1898. All members, who were fortunate enough to have been present at the latter will voice our sentiment when we state that it was one of the best attended and most business like meetings ever held in the history of the American Poultry Association.

A new and shining light has appeared in the Black Orpington fancy in Major Hugh A. Rose of Welland, Ontario, Canada. The Major, who is well-known in the Cochins and Ornamental Bantam Alleys, where he usually make a clean sweep of the blue ribbons and specials, has taken a great fancy to Black Orpingtons, believing them to be one of the best breeds of poultry in the world. Major Rose started in, as he always does, to get the best foundation stock for breeding purposes. His first effort as a breeder and exhibitor resulted in winning a blue ribbon at Madison Square Garden show last December. This encouraged him greatly and he will increase his breeding yards of Black Orpingtons this spring, so as to be in readiness for the big fall and winter shows next season. He has disposed of his fine Partridge and Buff Cochins to D. C. Peoples of Urichsville, Ohio, in order to make more room for his Black Orpingtons. With men of such high character and progressiveness as Major Rose and Mr. L. L. Haggin, who is taking up Black Orpingtons in addition to his already noted White Orpingtons, the latter are bound to keep in the front rank of popular varieties, especially with such an excellent class of Black Orpington breeders as are found in this country today—men and women who have stuck by this original old Orpington created by the late William Cook, and who never lost faith in its intrinsic merit as a utility fowl or its beauty as an exhibition bird. Unless all signs fail the Black Orpington classes at the next Madison Square Garden show will be the strongest ever exhibited there.

A reader in British Columbia writes: "At a recent show a special prize was offered for the five highest scoring birds in the Mediterranean class. The exhibitor who showed Blue Andalusians and Buff Leghorns claimed they were parti-colored fowl and as I was showing Black Minorcas against him, wanted my birds handicapped one point each for being solid colored. 1—Is the Blue Andalusian a solid or parti-colored bird? 2—Is the Buff Leghorn a solid colored bird?"

In answer to question No. 1, the

Blue Andalusian is a parti-colored bird, the color of the male consisting of slaty blue and black and that of the female, slaty blue laced with black. Question No. 2—The Buff Leghorn is a solid colored fowl. According to the new Standard of 1910, which has just been issued, sweepstake prizes are awarded as follows: "White specimens shall be handicapped two points each; black specimens one and one-half points each and buff specimens one point each."

The rival Columbian Wyandotte Clubs met at the Chicago Show and buried the hatchet. The Orr-Koehlinger Club joined forces with the Old Club and all hands will now pull together to boost and advertise the Columbian Wyandotte. It was a wise act on the part of the new club to surrender to the old, the only condition being that all breeders and members are to vote on the New Emblem with the name Columbian Wyandotte Breeders Association, at the next annual meeting. This is a fair proposition, which should meet with the approval of all members.

The Country Gentleman is one of the oldest and most influential agricultural papers published in the United States. It is a high-class weekly read by the most prosperous class of farmers and suburbanites. Such a publication is in a position to give its readers the most reliable news and data relating to live stock, agriculture and horticulture.

We regret to state, however, that in commenting on some of the breeds exhibited at the recent New York Poultry Show, it has not been as careful or accurate in its statements as it should have been. For example, we find the following criticism of the Plymouth Rocks:

"The fact that Plymouth Rocks are losing their prestige and Orpingtons gaining the ground lost by them was more than ever apparent at the New York Show. While there were a number of beautiful fowls, color and barring considered, in the Barred variety, there were undesirable features among them that turned people from them. One man remarked that some of the prize winners would be useless for any purpose other than for show; while in the Orpington classes the prize winners had an appearance that branded the mas useful both for egg-production and market poultry. The general appearance of some of the fowls, especially in the pullet classes of the Barred Plymouth Rocks, was such as to lead people to imagine that they were fast losing vitality. It is to be lamented that judges will select fowls for prize awards that have nothing to recommend them but the color of their plumage. In the White and Buff varieties, the reverse was true. All that were shown in these two varieties were remarkable for the three distinctive qualities necessary to poultry—size, shape, and color."

As the consensus of opinion of men who really know a Barred Plymouth Rock when they see one, was that the exhibit of Barred Rocks at Madison Square Garden was one of the greatest ever seen there, the criticisms of the C. G.'s Poultry editor should be taken *Cum grano salis*. It may also be well to inform the C. G. critic that judges are required to award prizes according to the American Standard of Perfection and not on the Washington Market price per pound basis.

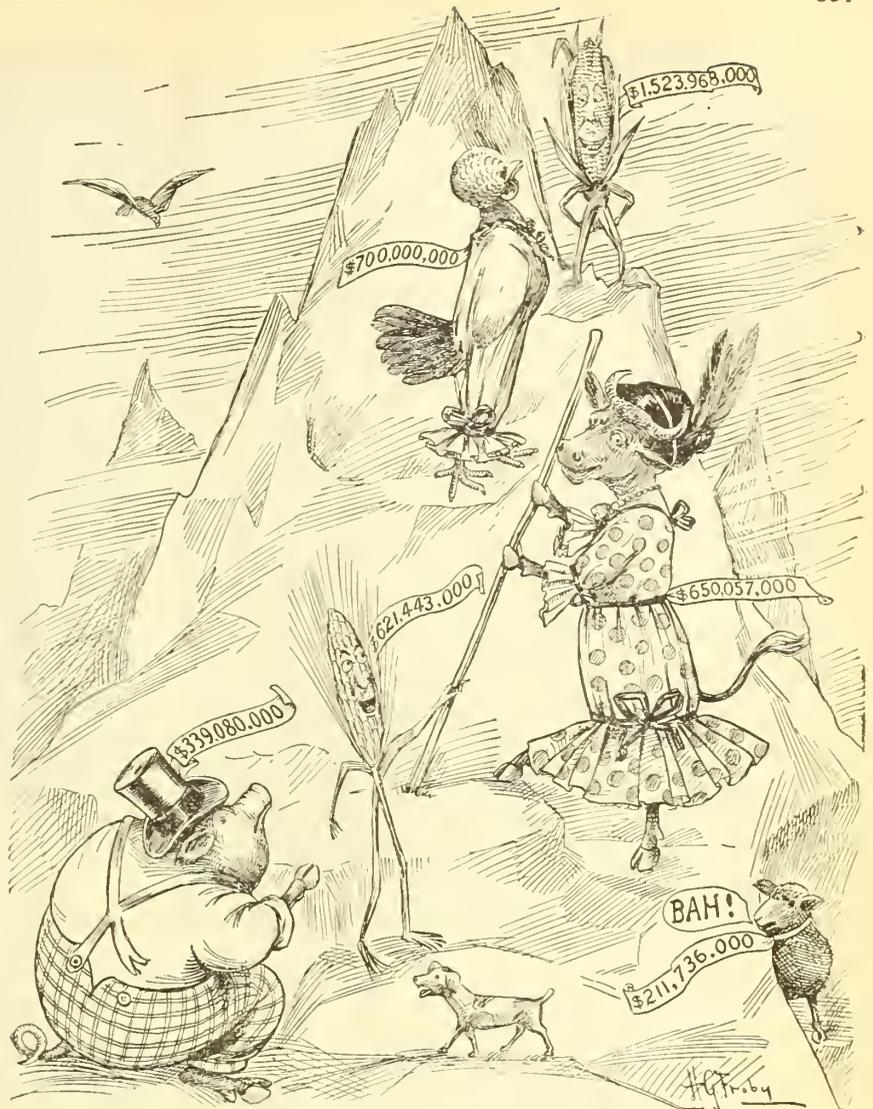
Another statement made by the same

critic will convince poultry fanciers that he is a very superficial observer, as the following will prove:

"Columbian Wyandottes should be white and black in plumage color, the same as Light Brahmas. In comparison with the Light Brahmas shown, the Columbian Wyandottes were very bad in color, and there was evidence that, at some time, there had been more feathers in the backs of many of them than were there during the exhibition. We have always doubted the propriety of having removable defects a disqualification, for such defects are too easily obliterated."

It is a pity that such unfair remarks should be allowed in a reputable agricultural journal. There were Columbian Wyandotte males and females at the New York Show that in color markings equalled the finest markings of the Light Brahmas there. And they were not confined to a few winners either. To deliberately state that "Columbian Wyandottes were very bad in color" is stating what a very fair minded poultry exhibitor at the Madison Square knows to be absolutely untrue. Other equally unreliable statements are made on the Leghorn classes, but the above few sample criticisms of the Country Gentleman poultry editor, are sufficient to arrive at a just estimate of his ability as a critic of Standard-bred poultry.

George H. Burgott has gotten up a very clever little pamphlet entitled, "Thirty Years Among the Leghorns." It is one of those kind of books that are different—written in a breezy conversational style, it tells all about the good points of Burgott's famous Brown Leghorns bred since '79, and incidentally hands out a few bouquets to their owner and sponsor, all of which are deserved. They used to say years ago when a Brown Leghorn male needed sprucing up for a show, or a Brown Leghorn hen needed a tonic to make her lay: "Let George do it". Well, George did it on many occasions and will continue to do so for years to come. Judge Burgott is a Brown Leghorn crank, in fact he was born on a day when the sky was stippled with a ruddy brown and the foliage on the trees were lustrous-greenish-black. It will be as one of America's foremost breeders and judges of Brown Leghorns, that George H. Burgott will occupy a prominent place in the history



THE CLIMB OF THE AMERICAN HEN

Corn, America's greatest staple product, is still King, but the American Hen must be acknowledged, as Queen, having risen from the bottom of the ladder in 1900 to second place in 1908, her products increasing from \$280,686,629 in 1900 to \$700,000,000 in 1908. When the census of 1910 is completed, the billion dollar hen will be at hand and keep on climbing toward the throne at the summit, now held by King Corn. Having surpassed the products of wheat, milch cows, swine and sheep, the poultry products in the next decade are in a fair way of surpassing the enormous annual products of corn.

FOLLOW THE "WILLOWBROOK WAY"

AND INSURE YOUR SUCCESS IN THE

PRODUCTION OF POULTRY AND EGGS

THIS book is a practical guide and sets forth an invaluable common sense system for use on village and city lots as well as on poultry farms. It is based on facts and experience—not on theories. It tells you how to start if you are a beginner, and how to build up and advance if you are already established. It tells you what stock to get and how to get it, and contains the most advanced ideas in poultry

house construction, together with complete plans and descriptions for all needed equipment. It tells you how to feed and care for your fowls to get the best results for the smallest expenditure, and contains a fund of information which every poultryman should have at hand. The following extracts from comments of prominent poultry publications are significant:

"It is a book based on facts backed up by long experience, and after reading it every person looking for knowledge of the poultry industry will not lay it aside, but will place it close to his good right hand for ready reference."—*Poultry Monthly*.

"It points out the fundamental reasons for many of the failures, and suggests remedies that will enable the earnest poultry raiser to make a success. For those who are interested or engaged in the poultry business, the book is well worth the price the publisher ask for it."—*A. P. W.*

The book complete, including plans, etc., will be sent to you prepaid on receipt of 50 cents.

Special Notice

Owing to the increased demand for this practical poultry guide and the consequent decrease in cost of publication, it has been decided to sell it hereafter for the above price. It has always sold for \$1.00, and no one has ever purchased a copy for less, but in order to carry out our idea of fairness and equal treatment to all, we will give every former purchaser of a copy of the 1910 edition, the option of securing a second copy *absolutely free* or receiving a cash rebate of 50 cents. These propositions are without reservations of any kind. Write us which you wish—the book or the money—and we will do the rest.

If you don't own a copy of this popular book, send 50 cents and it will be mailed promptly without further cost.

You will own one sometime—Why not send for it today?

The Willowbrook Co. Willowbrook Wyandottes [Dept. 25] Jacksonville, N. Y.

of American Standard-bred poultry culture.

Fifteen years ago, and for a number of years afterward, a rather uncomfortable rivalry existed between the managements of the Boston and New York Shows. We say, uncomfortable, because it made friends of both shows feel that way. The Boston management with the Sharp Bros., Walter Baylies, C. Minot Weld in charge of affairs, cut a wide swath and by their liberality in offering valuable cash and cup specials attracted many fanciers to the Boston Show. But there always remained a strained feeling between adherents of the New York and Boston Shows that was not far removed from jealousy. Why such unsportsmanlike spirit should have prevailed at the time, never has been clearly understood by the rank and file of American poultry exhibitors. The latter are men who, being willing to "give and take", seldom, if ever, extol one show at the expense of another one. They may show at one or the other, or at both. To them both look alike if properly conducted.

Happily as the years rolled by, the feeling existing between the two shows subsided and New York and Boston functions were held each year, with the best of feeling between the managers of both. The rivalry, if any, was wholesome and friendly.

We regret to state, that this friendly feeling is in danger of being dissipated if the injudicious and uncalled for remarks of exhibitors and others at banquets and in the show room are encouraged. It is just and proper to extend to Manager Atherton of the Boston Show, all the credit he so richly deserves for making it one of the greatest in America; it is manifestly unfair and unsportsmanlike, however, to do so by roasting the New York Show and harpooning Manager Crawford. It is also regrettable that editors of poultry papers should drop to the same level and extol the Boston at the expense of the New York function. Even the clanishness due to sectional inheritance, is no excuse for attempting to pull down an edifice that years of hard labor has built up. Justice and common sense should lead such writers to examine more carefully the entries at each show, and also bear in mind, who the exhibitors are and what the entry fees and conditions are at the New York and Boston Shows, before they make comparisons between the two. Comparisons, as we all know, are odious, but figures as a rule never lie; so whatever odium there may be extracted from the contemplation of the latter rests with those who are so blind that they cannot or will not see.

The management of the New York Show is not faultless; neither is the management of any other show. But the chief grievances of critics at most shows is based on purely selfish and personal grounds. In the recent attacks on Manager Crawford, the "Left Motif" of the writers is readily understood. The Madison Square Garden Show will be held just the same, the last week of December next.

The Cleveland Show management evidently believes in all around judges, for it annually employs men who have a reputation as such. Should one of the judges fail to appear, any one of the others can step in and take his classes. But, in addition to this wise provision, the managers of the show use good sense and discretion in assigning the classes to the "all rounders." They will put the judge on Plymouth Rocks whom they deem best qualified to handle them, and soon with Wyandottes, Orpingtons, Leghorns and all

other varieties. This method is satisfactory to both exhibitors and judges and we commend it to secretaries of other large shows, who, not infrequently, mix their judges up with wrong classes. It is not good judgment to turn a Wyandotte expert loose on a lot of Plymouth Rocks or vice versa. It may prove fairly satisfactory where both judges are experienced "all rounders," but with specialty judges it is liable to play "High Jinks" in hot classes.

We were pleased to find among the all round judges, A. C. Hawkins, who was assigned the Plymouth Rock and Rhode Island Red classes at the Cleveland Show. The wisdom of this selection by the management of the latter was obvious to all who are acquainted with Mr. Hawkins' excellent qualifications as a judge of Plymouth Rocks; and he acquitted himself equally well in adjudicating the Reds. We have always respected Mr. Hawkins judgment on Plymouth Rocks and Wyandottes, for he is an old breeder, who



LOUISE

First prize at Poughkeepsie, Springfield, North Adams and Holyoke. Four shape and color specials. Owned by Levi A. Ayers, Granville, N. Y.

A Flight of Fancy and a Record Win

For **BRIGHT'S**
BROWN LEGHORNS

At Topeka, After a 1,500 Mile Trip



NEW YORK WONDER 111

First prize Cockerel, New York, 1910. One of the long line-bred first prize winning males that have made the Grove Hill reputation for excellence in Brown Leghorns.

They win 1-2-3 cocks on three entries; 1-2-3-4-5 cockerels on five entries; 3-4-5 hens on three entries; 1-3-6 pullets on four entries; 1 pen, only entry. They have held by far the best records at Madison Square Garden, New York, for 12 years; also at Boston for years and at the three Great World's Fairs, Pan-American, St. Louis and Jamestown, four firsts and the bulk of the prizes at the two latter. They have kept this matchless quality and are even better.

Do you know the Bright Brown Leghorn is a great utility fowl, also large size, great layers, rugged. Some splendid shaped, large sized, rich colored males at reasonable prices. They are just what any flock needs. Prices reasonable.

EGGS: \$5 per 13; \$15 per 50. From the same pens—the same birds we hatch our own winners from. Write for mating list and list of winnings.

Grove Hill Poultry Yards, Box 804, Waltham, Mass.

WM. ELLERY BRIGHT, Prop.

A. C. SMITH, Supt.

sticks closely to the Standard type, when passing judgment on a class, and at the same time has very keen eyes for color in Barred Rocks. The latter must have the bright snappy color and barring to suit the veteran breeder and judge of Lancaster, Mass., for he still believes, as do other veteran Rock breeders, that the so-called bluish tinge is a most necessary finish to the Barred Plymouth plumage.

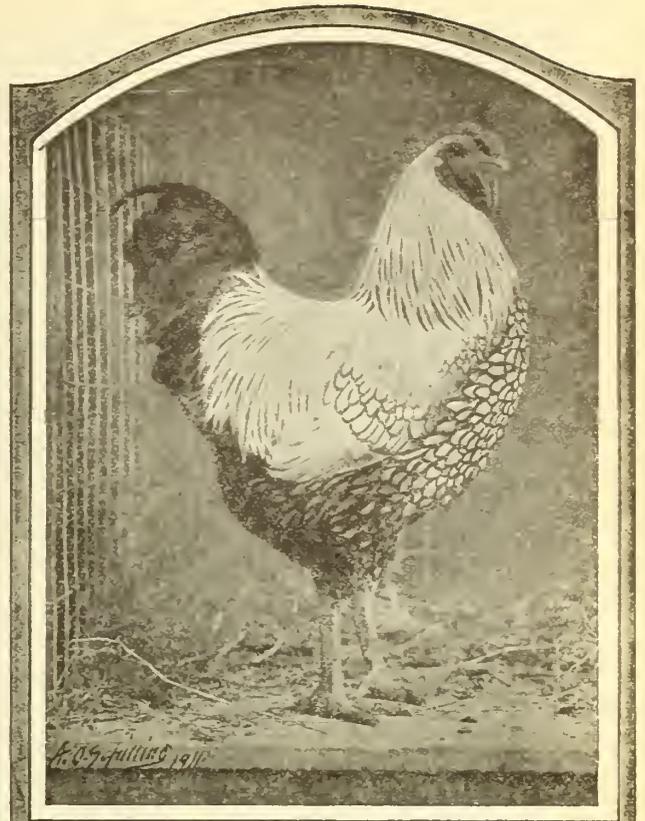
Orpingtons are crowding and overtaking other popular breeds at poultry exhibitions held in the South, Southwest, New Jersey, New York and Pennsylvania, but in New England no appreciable headway is being made, the entries at the Boston Shows remaining nearly stationary for the past few years. The poultry raisers in the land of the Pilgrims still adhere to their inborn love for a yellow skinned and legged fowl, and look upon all white skinned fowl as unsuitable for their markets. This is a handicap the Orpington will find hard to overcome in a hurry, and it may take several years before the prejudice against white skin and legs is wiped off the map of New England. The fact that many of the best Orpingtons are bred in New England to supply the great Southern and Western demand for same, may hasten the day when Orpingtons will dispute the honors for popularity with the Rocks, 'Dottes and Reds at the Boston Show.

Among the numerous great poultry farms located near Buffalo, Hillhurst Farm at Orchard Park, N. Y., is determined to be one of the leaders in the future. The proprietor, Mr. Harry Yates, a prominent business man of Buffalo, established a great squab breeding plant on his farm some years ago, which under the able management of "Sid" Allen has developed into a most profitable institution, the annual sales being 25,000 Squabs and 1,000 breeders, the products bringing fancy prices in the Buffalo, Rochester and New York markets. The plant, of course, is conducted on strict business principles, the same as Mr. Yates expects his various commercial enterprises to be conducted. He selected the best manager and expert squab raiser he could find, put up the most down-to-date buildings and equipped same with modern appliances, purchased the best breeding stock and Manager Allen did the rest. It was a success from the start. Mr. Allen as a little recreation, breeds Columbian Plymouth Rocks, and breeds them so good that they scoop nearly all the blue ribbons at the New York and Philadelphia Shows. But Mr. Yates started in to build up a large poultry plant and selected Columbian Wyandottes as coming nearest to his ideal as a first-class market fowl, both for eggs and meat. A great flock of Columbians are now at Hillhurst Farm, including the famous flock recently purchased from Dr. C. J. Andruss, in charge of Manager Casteline, who fairly lives with his birds, taking the same care of them as the managers of other live stock take of theirs. This is the secret of success at the Yates Farms. The splendid records made by the Columbian Wyandottes as layers make the utility end of the business a winner financially, while the fine account the Columbians gave of themselves in the show room makes the exhibition end of the business a most profitable one. The first prize pen of Columbians exhibited by Hillhurst Farms at the recent International Show was an excellent sample of the superior class of stock bred at this great plant.

The men who can discern their opportunities and grasp them at the

psychological moment, are the ones who construct and build up a business. They succeed because they can look ahead and are not afraid to take chances in conducting their business. And the poultry business does not differ from any other business in this respect. There are men in this country today to whom the American Poultry Industry owes a vast debt of gratitude for their foresight, push and energy in taking hold of what was ten or more years ago, indifferently referred to as the "chicken business," and bringing it up to a level of importance second to none in the live stock industry of the United States. These men were ten years ahead of their times, and no doubt will keep on being ahead of the times. The fellows who have hard sledding to keep abreast of the times are the ones, who fall by the wayside, become peevish and attempt to belittle and discredit the efforts of their successful competitors. They belong to the destructive and not the constructive age. They believe the big men in the chicken business are killing off the little fellows on the same cannibalistic and effective mode practiced by the big Black Bass, when the latter

swallows his small relative without shedding a tear. These pessimistic growlers forget that the big breeders and advertisers are the ones that built up the Stand-



SILVER WYANDOTTE COCKEREL
FIRST PRIZE AT BOSTON 1911 Bred & Owned By
J. C. JODREY DANVERS MASS.

Mr. Jodrey has bred and exhibited many great Silver Wyandottes in the past but we do not recollect of his showing a better cockerel than the one illustrated above, at least not in color and lacing. This cockerel represents the coming open-laced type of Silver Wyandottes, the breast and wing-bar lacing being exceptionally fine.—J. H. Drevenstedt.

Madison Garden Buff Wyandottes Thirty cockerels sired by my 1st New York cock, 1909-10, as well as some fine hens and pullets, for \$5, \$10 and \$15 each. Better bred stock does not live. Ask for 1911 printed matter. Dr. N. W. Sanborn, R. F. D. No. 424, Holden, Mass.

LOYD'S PRIZE WINNING PARTRIDGE ROCKS
AT THE GREAT CHICAGO SHOW.
First pen, third cockerel, fourth hen, fourth cock, fourth and fifth pullet. And there was a warm bunch there. Eggs for hatching from Ten Quality Pens, \$3.00, \$5.00 and \$10.00 per 15. Mating list out about Jan. 10th.

C. J. LOYD & SON, GREENSBURG, IND.

EGGS OUR MAMMOTH PEKIN Ducks are as good as the BEST, and we are selling eggs at \$3.00, \$2.50, \$1.50; Utility \$8.00 per 100.

We have as Heavy Laying Strain of ORPINGTONS as can be found in the United States, and are shipping eggs all the time at \$3.00 per sitting. Can fill your order for day-old S. C. White Leghorn CHICKS at \$12.50 per 100 in any size lots.

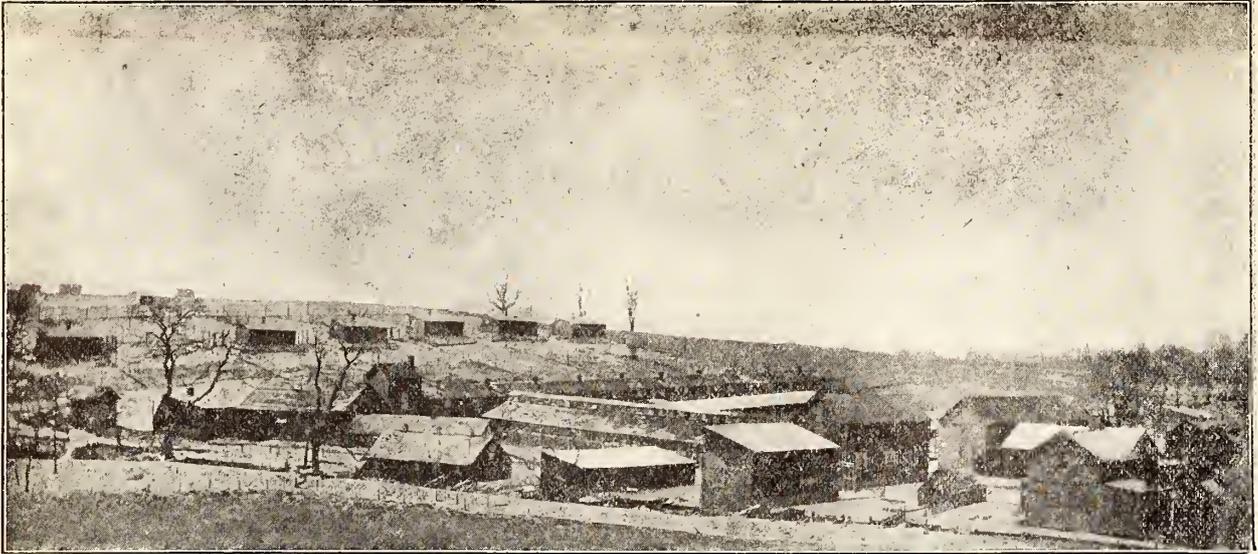
C. C. HERRON, Proprietor, WHITE CREST POULTRY FARM
Box A, HOPE, INDIANA

ROSE COMB RHODE ISLAND REDS and S. C. Black Orpingtons

One of our late winnings on Reds, 1st cock, 1st cockerel, 1st, 2nd, 3rd hen, 3rd pullet, 1st pen, shape and color specials at Toledo show, 1910. We have size, shape and early layers.

Black Orpingtons from extra choice stock. Day old chicks are now being booked or will sell eggs for settings. We have some very good Cockerels for sale from both varieties. Day-old chicks from 50c to 75c each. A few from our best pens \$1.00 each. Eggs \$3.00 and \$5.00 per 15.

MARQUARDT BROS., 1143 Prospect Avenue, TOLEDO, OHIO



Birdseye view of "The Home Place," main division of Afton Farm, S. B. & E. W. Twining, Proprietors, Yardley, Pa. This shows only one section of this remarkably successful market poultry farm.

ard-bred poultry business of America. They stirred up an interest in poultry culture among farmers and suburbanites by liberally advertising the merits of their respective breeds in the poultry and agriculture press. This created new poultry raisers and fanciers by the thousand. Among the latter each year new advertisers sprung up, who whether they go in for big or little space, are bound to get their share of the patronage as long as they deliver the goods.

It is up to them, however, to exhibit shrewdness and intelligence in advertising their stock, for the success in business depends on the proper displaying of the wares on the counter, or calling attention to it through the medium of the advertising columns of the press. It is the same old game of a battle of wits, the human race has been engaged in from the day of old Adam down to the present time. As a French Professor of political economy once remarked to his class: "Put fifteen Frenchmen on an island and give each one five francs, and it is a foregone conclusion that at the end of a comparatively short time there will be one Frenchman with seventy-five francs in his pocket and fourteen Frenchmen without a sous."

A. R. HOKE, HORSEHEADS, N. Y.

Some ten years ago a successful man found that he must give up business owing to poor health. He bought the poultry farm which Robert Smith of Elmira had equipped after he bought the famous H. E. Benedict stock of Rose Comb Brown Leghorns. Smith was glad to find a cash purchaser in A. R. Hoke, who bought his plant located at Horseheads, N. Y.

Mr. Hoke started in to build up a heavy laying strain of large White Leghorns, and today has a grand flock of birds that are very large and have wonderful vigor. The keynote of this is free range and careful selection for ten years. Mr. Hoke has never had any trouble with White Diarrhoea or the other diseases common to poultry. His flock of 500 layers last year gave him an average of 154 eggs per hen. An unusually good record for so many hens.

Mr. Hoke was one of the first to see the advantages in handling day-old chicks and this year built a large incubator cellar, which gives him double his former capacity. He has already booked a large number of orders from former customers. If you buy of Mr. Hoke you will continue to do so year after year, as he gives unusual values

for the prices he asks, and he is "a square deal" type of man.

Although not advertising to have exhibition stock, yet Mr. Hoke's birds have won blue ribbons at a number of large shows.

Mrs. Hoke is a poultry woman of exceptional ability and is largely responsible for the success of the "Cold Spring Poultry Farm." Look up his ad. in this issue.

POWER & THRELKELD, MAYSVILLE, KY.

As breeders of White and Buff Wyandottes the above firm are in the front ranks, their birds having won in many of the largest Southern shows, includ-

ing the Kentucky and Alabama state fair; also the Great Appalachian Exposition at Knoxville, Tenn. These birds are record breakers, as well as prize winners. Descriptive circular free to those mentioning AMERICAN POULTRY WORLD.

SCOTT A. CLARK, SULLIVAN, OHIO

Mr. Clark's Houdans have made a record this season, which he should surely be proud of. At the Missouri State Show, Kansas City, his birds won as follows: 1 cock, 4 cockerel, 1 hen, 2 pullet. At the late Madison Square Garden Show, 5th cock, 4th hen, 3rd cockerel. These winnings at shows of such importance surely places Mr. Clark's birds in the quality class.

Wardell's Rhode Island Reds

are known everywhere as New England's leading strain. We have furnished winners for the Best in the Land and we bred these winners. Eggs from the Best Pens we ever had, \$10 per hundred. \$3 per sitting. If you wish to succeed, consult me.

WILLIAM WARDELL,

FALL RIVER, MASS.

Buff and Black Orpingtons White Wyandottes and S. C. Rhode Island Reds

Bred from Madison Square Garden Winners. Cook, Duston and Gardner Strains. Grown on free range. All breeding stock carefully selected.

Eggs from Buff and Black Orpingtons, \$10 per sitting. White Wyandottes and Reds, \$5 per sittings, 3 sittings for \$10. Stock for sale at reasonable prices.

F. B. CRAWFORD,

RAHWAY, N. J.

Exhibition and Breeding Stock

for sale, including

400 — YOUNGSTERS — 400

COX'S A. B. C. STRAIN

S. C. Buff Leghorns

Write and tell me where you want to win and I will tell you what I can do for you.

ALBERT B. COX,

49 Thurston Road,

ROCHESTER, N. Y.

WINNINGS AT NEW YORK, 1909-1910, 1st Cock, 5th Pen, Color Special on Male. Winnings at Williamsport, 1909, 1st Cock, 1st Hen, 2nd Cock, 3rd Pullet, 1st Pen, Shape and Color Special on Male and Female. Winnings at Rochester, 1909, 1-3 Cock, 1-2-3 Hen, 3 Cockerel, 2-5 Pullet, 1 Pen, Color Special on Male and Female. PRIZES Schilling Challenge Cup Buff Leghorn Club Cup. Winnings at Rochester, 1910, 2-5 Cock, 4-5 Hen, 3-5 Cockerel, 1 Pen, 1 Pullet, Schilling Challenge Cup, Honorable Presidents Cup, Silver Set from Buff Leghorn Club, Special for Shape, Female.

PRACTICAL POULTRY ADVICE

The best rule for the poultryman who lacks experience is to follow the example of a prominent, successful poultryman. Book-wise men too often plunge along purely theoretical lines and meet disaster.

The basic principle of poultry success is to start with and keep nothing but the best of breeders. It costs just as much to maintain a hen that lays 50 eggs a year as one that lays 200 eggs. Good breeding stock not only produces more eggs, but the kind of eggs that hatch sturdy, broad-breasted healthy chicks.

The most notable example of success is found at the famous "Afton Farm"—one of the first successful market poultry farms.

Mr. E. W. Twining started in the poultry business at "Afton Farm" thirty-two years ago. He adopted the wise policy of going **slowly and surely**; studied his fowls, his facilities, poultry appliances and the market carefully. New contrivances, new foods and new methods were tried out on a **small scale**. He got his valuable experience along safe, conservative, inexpensive lines.

"Afton Farm" has developed a most superior line of breeding stock. The fowls have large, well-shaped bodies, are heavy layers in summer and winter and make big, meaty market birds.

Mr. S. B. Twining, son of the founder of "Afton Farm", has had a lifetime of poultry experience. Following in the footsteps of his father, and profiting by the examples of that pioneer poultryman, he has piloted the business through the most successful period in its history. He is today recognized as a leading authority on all poultry subjects.

In addition to the enormous business in market poultry and eggs, "Afton Farm" has recently sold hatching eggs, day-old chicks, and baby ducklings to poultrymen who appreciate the advantage of owning fine breeding stock.

A new catalog—"Facts From Afton Farm"—is now ready, and will be sent FREE to interested parties who send a postal request to S. B. & E. W. Twining, Box D-53, Yardley, Pa.

THE FEATHERED WORLD YEAR BOOK FOR 1911

"The Feathered World" Year Book for 1911 is the title of a new publication issued by England's great weekly poultry journal, "The Feathered World". It is a book that will appeal strongly to breeders, exhibitors and judges of Standard-bred poultry and pigeons, for it is replete with valuable information on all subjects that relate to feeding,

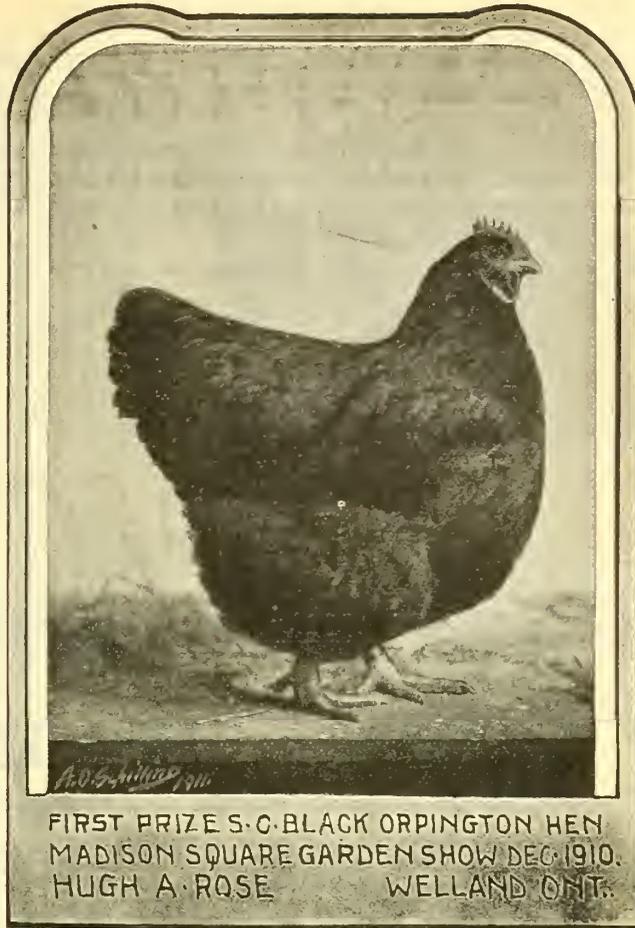
handling, caring for and exhibiting birds at shows, besides containing a most useful calendar, memorandum pages, and records of the entries at Specialty Club Shows. It is profusely illustrated with half-tone pictures of winners, at England's leading shows, besides containing four handsome colored plates. This book consists of 636 pages and is strongly bound in paper boards. The price prepaid is 60 cents. Copies can be secured through American Poultry Publishing Company.

THE WILLOWBROOK FARM

The Willowbrook Way is the title of an interesting and successful publication on the home production of poultry and eggs. In the "Willowbrook Way" there are no "wonderful magic secrets" and only such features are dealt with as have proven by experience to be of practical use to the beginner. These are set forth in such practical and simple form that those who will follow them cannot go far wrong in his or her undertaking. Attention of readers is directed to the advertisement of the Willowbrook Co., Jacksonville, N. Y., publishers of this book, which appears elsewhere in this issue. The Willowbrook Way and AMERICAN POULTRY WORLD for one year for 75 cents.

HENRY W. ALT, BUFFALO, N. Y.

London, Ontario, Jan. 29, 1911.
In looking over the Rhode Island Reds, I was surprised at the quality



A remarkable hen in size and massiveness, showing the deep shaped body characteristic of the Orpington fowl. This hen also excellent in color, which quality in addition to her fine type, landed her in first place.—J. H. Drevenstedt

exhibited through all the classes, the dream of the fancier can be realized in the first cockerel, first hen and first pen bred and exhibited by Henry W. Alt. The pen was purchased by a Canadian at a long price and the Canadians are quick to detect the best.

He should be congratulated upon the quality of his exhibit, and its future is bright and assured.
Yours truly, Wm. McNeil.

WHEN YOU READ THIS



"A Wolverine White Rock."

I shall have my breeding pens mated for the coming season. These matings will be up to the high standard of former seasons when they produced birds that won in the best shows held in this country and Canada, giving the

Wolverine Strain White Plymouth Rocks

A Reputation for Quality and Breeding that is equaled by no other strain now being produced.

My new Mating List, describing my pens and giving actual photographs of some of my prize-winners in these pens, will be ready for mailing February 1st. It also contains articles on Mating, Feeding for Eggs, Hints on Setting, Care and Feed of Chicks, etc., that are written from practical experience by one who has made this variety a sole study for years. It will be sent you for Ten Cents in stamps or silver to cover cost of mailing. It may save you Dollars.

I STILL HAVE FOR SALE a number of high-class, snowy-white cockerels, fully matured, that are fit to head any pen, at prices that cannot be equaled anywhere. Also a few May and June hatched cockerels at \$4.00 each and pullets at \$3.00 each, that are not fully matured as I write this, but have good size, neat low combs, bright bay eyes, long bodies, low carried tails, good leg color and that are absolutely white in all sections. Will mate up pens from these at \$15.00 per pen or trios for \$10.00. These are special low prices to dispose of them quickly, so if you wish to secure a few breeders with blood-lines that are unsurpassed, and which are guaranteed to please you in every way, or no sale and I pay return charges, order direct from this adv. and secure the early choice.

LYMAN H. HILL,

Sta. 2,

JACKSON, MICH.

THE BOSTON SHOW

THE SUCCESS OF THIS YEAR'S BOSTON SHOW IS WITHOUT PARALLEL. CLASSES WERE LARGER, QUALITY BETTER AND MORE INTEREST TAKEN IN THE WINNERS THAN EVER BEFORE. NO OTHER SHOW IN AMERICA IS SO THOROUGHLY REPRESENTATIVE OF ITS SUCCESS AS THIS SHOW. INTERESTING COMMENT ABOUT THE PRINCIPAL WINNERS AND THE MEN WHO BRED AND EXHIBITED THEM. LIST OF AMERICAN POULTRY WORLD WINNERS.

By Geo. W. Tracey

Owen Farms, Vineyard Haven, Mass., made a small entry in the Black Orpington class, winning on every bird including first on cockerel. Last year Owen Farms made a big exhibit at Boston in all their varieties of White Wyandottes and Buff, Black and White Orpingtons and White and Barred Rocks and the winnings made constitute a record. This season they allowed others the pleasure of winning on birds they furnished for that purpose. The season just passed through has been wonderfully successful, their sales being triple of any previous year and the coming season bids fair to even surpass the past, as many who having been unsuccessful in the show room on birds of their own and others breeding, having been defeated in many instances by birds furnished by Owen Farms, are taking time by the forelock and have already placed their orders for show birds to win at certain next year shows. This is strong evidence of the Blue Ribbon winning quality of Owen Farms show birds. The great feature of the Farm is the production of high class show birds and now that this year's shows are over, if you wish to be prepared for next season's shows at a nominal cost, secure a setting or two of eggs from Owen Farms as we know, to our certain knowledge, that show birds are hatched from eggs that they sell. One of the very best White Wyandotte Cockerels that we saw in our travels the past season was hatched from a setting of eggs purchased from Owen Farms. He was a Blue Ribbon winner at a state show. The new and extremely liberal terms by which you are able to purchase eggs for hatching from Owen Farms best matings is fully explained in their handsome new catalogue. This catalogue carefully describes every pen, and as you can get eggs from any pen on the place, you stand the same chance to raise a 1000 dollar bird as does Owen Farms themselves and they have raised many of them. Owing to the great demand for eggs for hatching the pens were mated up earlier than usual this season and for this reason, for the first time in many years, Mr. Delano failed to attend the Boston Show, as he was still busy on the matings of the pens. This is no simple task upon a farm of the size of Owen Farms. Every bird has to be carefully studied, for there is a good deal at stake, for if there is one mistake made it means much to Owen Farms. As it is Mr. Owen's desire to send out only eggs from pens that they absolutely are certain will produce a good percentage of show birds, and this they can almost guarantee to do as the blood lines of the various breeds now bred on Owen Farms are firmly established and the pens as mated up by Mr. Delano, from year to year, have shown a steady improvement in the production of high class stock, each year an improvement on the previous. This fact is so plainly obvious that scarcely a bird of a value less than five dollars is ever hatched or reared from a setting of eggs from any of their White Rock Pens as mated up by Mr. Delano. The complete list of the va-

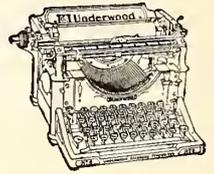
rieties bred upon Owen Farms is Buff, Black and White Orpingtons, Barred and White Rocks, White Wyandottes and Single and Rose Comb Rhode Island Reds. Each variety and pen are minutely described in their handsome and complete catalogue and can be se-

cured by addressing "Owen Farms, 115 William St., Vineyard Haven, Mass., and you will greatly oblige if when

"The Machine You Will Eventually Buy."

UNDERWOOD
TYPEWRITER
COMPANY

(Incorporated)



50 Niagara Street,
BUFFALO, N. Y.

S. C. BLACK ORPINGTONS

Pens headed by large prize winning cocks. Every female a prize winner of exhibition quality with good combs and eyes, excellent color and above standard weight. Eggs \$5.00 per 15. Rose Comb Reds that never fail to win most of the prizes wherever shown including Toledo, Adrian, Montpelier, Butler, and Bryan shows. Eggs from finest matings, \$4.00 per 15; \$7.00 per 30.

E. L. BARRETT,

Life Member A. P. A.
Member R. I. Red Club of America

WAUSEON, OHIO

ROSE COMB RHODE ISLAND REDS

EVERETT M. HAWKINS, LANCASTER, MASS.

ANDREWS POULTRY COMPANY'S Single Comb White Leghorns Win

At Owego, the NEW YORK STATE QUALITY SHOW, with only 11 birds, we won 15 prizes, including 5 FIRSTS, SPECIAL, and the beautiful SILVER CUP presented by Assemblyman Otis S. Beach. Let us help YOU win! Eggs \$1.50 per 15. Write direct to Proprietor,

L. E. Andrews,

Barton, N. Y.

"EUREKA" AT LAST!

Brooder Troubles Solved

Perfectly simple satisfactory way to raise "Chickee Bid" and let mammy get busy laying for another brood. Its perfect simplicity with no expense

interests you, and it will do the work.

No old foul lamps to fill and clean. No death dealing fumes. No sleepless nights fearing fire. Not a cent of outlay to furnish heat that is pure, sweet and health giving. No COLD FRAME lampless brooder, that is only warm when biddies are bunched up in it; one little biddie bunching by himself soon becomes the frozen thing. This Mammy always ready to warm ONE or FIFTY. Needs no watching and the biddies love it. Less time and attention than is required by the hot or cold frame affairs. Works anywheres, out doors or in. Send \$1 for description and information. It will save you \$, and you will live longer.

Address

STANDARD WHITE ROCKS,

Port-Ideal-on-the-James,

Box 487,

Williamsburg, Va.

asking for same you will kindly mention AMERICAN POULTRY WORLD.

Mr. C. H. Latham, Lancaster, Mass., didn't show this year at Boston, simply having a display, but we are sure there was a great similarity between some of the prize pullets in the show and Mr. Latham's great female line of Barred Plymouth Rocks. The Latham line of females is very much sought after and well they might be; many of the females that have been winning over the country owe it to the Latham Blood. We know a friend of ours that secured a pullet some years ago that was hatched from eggs let out by Mr. Latham. This pullet and her direct descendants produced thousands of dollars worth of fine Blue Ribbon Barred Rock females, and her blood has made it possible for this friend to cope with the best of them, and it pleases Mr. Latham to know that it has done him so much good. Mr. Latham's method of mating has been the cause of much conjecture on the part of many, but how he did it we can not say, but we know he does do it in a way that enables him to produce females that win the blue persistently year after year at Madison Square Garden and Boston. We have always been a close student of the females shown by Mr. Latham at New York, and when we paid his farm a visit last September, we were simply dazzled by the brilliancy of the flock of pullets we saw on his place. I viewed over 500 and it seemed as though every one was a high class exhibition female, and in looking through the breeding pens I thought I detected the secret of this great uniformity of perfection, but I am not going to divulge it at this time, but my advice to many would be to either pay Mr. Latham a visit and find out for yourself, or else write him as to his methods of mating, or else secure a mated trio or purchase some eggs. Mr. Latham's reasons for not showing at Boston were mainly on account of wishing to get his pens mated up as early as possible owing to the demand for eggs for hatching from the Southern States who start their breeding season in January and February. We would strongly advise our Barred Rock readers and others to send for Mr. Latham's catalogue.

Pittsfield Poultry Farm of Pittsfield, Me., made their usual big Boston winning with their great Pittsfield Strain of Barred Rocks, winning 2, 3, 6 cock; first hen; 2 cockerel; 2, 3, 6 pullet; 1, 4 pen, winning best display and a number of specials, among them being gold special for best 2 pen, gold special for best 3 cockerel, and 3 pullet. Pittsfield is becoming widely known as the greatest utility Barred Rock Farm in the world. Their baby chicks are noted for their great strength and vigor and Pittsfield Farms methods are being very widely copied. They publish a valuable book on Poultry Raising which is free and is well worth sending for. It contains cuts and models for building Poultry Houses, tells how to develop a great laying strain and is worth more than some books that you have to pay for. By all means send for a copy and learn how to conduct a profitable poultry business.

Lester Tompkins, the World's famous Single and Rose Comb Red breeder of Concord, Mass., didn't intend to show at Boston, but Mr. Atherton was so persistent that he entered a few Rose Combs winning, 1, 6 cock; 2 cockerel and 1, 2 pullet not entering in the pen class. 1st cock was one of the most admired birds in the show, and was truly a hummer and approached perfection in shape and color. Mr. Tompkins didn't show any Single Combs but

Mr. Pierson who won 2 cock; 1, 3, 5 hens; 6 cockerel; 1, 5 pullet; 3 pen and best display, gave us permission to state that Mr. Tompkins should have full credit for his great winning, as all his winners were birds purchased from Mr. Tompkins, or else were raised from either stock or eggs purchased from Mr. Tompkins, or in other words all his Boston winners were pure Tompkins blood. Mr. Tompkins claims to have the strongest matings he ever put together this season and is prepared for his usual big egg trade, and he will be pleased to send his catalogue describing his matings and prices for eggs from same to all who are interested in what he earnestly believes to be the greatest utility fowl on earth.

H. L. Coffin, the popular Rose Comb Red specialist of Freeport, Maine, just for an excuse to visit Boston, entered one hen and won 2nd. He did the same last year. Mr. Coffin has been practically invincible at the leading Maine shows and he has furnished winners for some of our Western fanciers who desire some strong Maine blood to infuse new life into their flocks.

A. C. Hawkins of Lancaster, Mass.,

Golden Barred Rocks

THE BEAUTY AND UTILITY BREED. They are Barred, Buff and White. Write for catalogue and sample feathers. They are free. L. E. Altwein, Originator and Breeder, St. Joseph, Mo.

MOHAWK STRAIN Rose Comb Reds contain some of the best Red blood obtainable. Hatching eggs \$1, \$2, \$3, \$5 per 15. Baby Chicks to order. Send for mating list.

Mohawk Poultry Yards, Merchantville, N. J.

Buy the Year Round House



READY BUILT, PORTABLE, DURABLE

A first-class, low-priced, general purpose building for use as a colony house, breeding pen or brooder house. No. 33—5 ft. long, 4 ft. wide, for 12 hens, \$14.50. No. 44—12 ft. long, 4 ft. wide, for 18 hens, \$20.00. Prices include roosts, nests, hopper and fountain. Run yard 8 ft. long, 4 ft. wide, 2 ft. high, \$3.50. Free with each house, our plan for feeding for producing eggs for 7 cents per dozen.

Our Acme Exhibition Coops Excel

Send for Catalogue

Owen Company, Front Street, Allegan, Mich.

WEAVER'S BUFF WYANDOTTES

The winning strain of good layers, won prizes at all big shows. Big Brown Eggs for hatching, \$3 and \$5 for 15.

JOHN F. WEAVER,

WILLIAMSBURG, PA.

White Plymouth Rocks

With a Show Record at Great International Show, Buffalo, N. Y., Third Cockerel, Fifth Pen. At Rochester, N. Y., First Cockerel, First Pullet. At Hamburg, N. Y., First Pen.

Mating List Mailed Upon Request.

H. E. JONES,

ORCHARD PARK, N. Y.

HARRIES' FAMOUS WHITE ORPINGTONS

Win at Madison Square Garden 1910-1911.

First and second pens, first pullet, fifth cockerel, fifth hen and more points than any other exhibitor. The only man to get two Blues against the best in the world including a strong team from England.

At Philadelphia, December, 1910, first and fourth pens, first and fifth hens, second pullet, and fifty dollar silver cup for best hen in show with "BETTY."

At Grand Central Palace, November, 1910, first cock, first and second hens, first pullet, first and second pens and bronze medal for best hen in the show with the "LILY."

At Madison Square, January, 1909-1910, first pen.

At Philadelphia, 1909, first pullet and second cockerel.

My Record—Fourteen silver cups in one year.

Four first prizes on four different pens at four of our largest shows in one year. Two undefeated Champion hens.

Study these wins and see if there is any other yard in America that can equal it.

Every bird except one was bred and raised by me.

Mating list now ready.

FRED HARRIES, Dept. "B" 67 Barclay Street, NEW YORK, N. Y.

OUR FIRST PULLET at the Great Hagerstown Fair was greatly admired by Geo. W. Tracey. He said she was the best S. C. R. I. Red in the show. Some fine stock closely related to her for sale. Address

JNO. YOUNGERMAN, FROSTBURG, MD.

PRINTING
OF THE BETTER SORT

Fanciers who appreciate the business value of good printing should write for free sample and price list to the original poultry printing specialist.

S. Earle Richards, Sta. W., Monticello, Wis.

TOMPKINS REDS

We won first cockerel at Baltimore. We have good as the best. Exceptionally heavy layers. A few fine birds for sale. Eggs in season. Satisfaction guaranteed. Member A. P. A.

Dr. Foster Sudler, Sudlersville, Pa.

DIVEN'S PIONEER

Barred Plymouth Rocks

For twenty-five years I have bred Barred Plymouth Rocks, true to the most advanced type. Cockerel matings only. Eggs, \$10 for 15. Pioneer eggs, this season, will produce sensational Barred Plymouth Rock Cockerels and females that will prove their merit in the breeding yard.

G. M. Diven, 722 W. Water St., Elmira, N. Y.

Greatest Of All Berries

ONE PLANT FROM PHOTO JULY 1910

This is the Greatest Berry the world has ever known, discovered in the Himalaya Mountains. Its growth and productive-ness is simply marvelous. It is perfectly hardy everywhere and grows from 50 to 60 feet in a season and can be trained on arbors or trellises of any kind.

The Engraving shows one Plant from photo July 1, 1910, which is trained to a large trellis loaded with fruit, and continued bearing until October.

The Fruit is black, almost coreless and the large luscious Berries borne in enormous clusters will literally melt in your mouth. It is unsurpassed for eating fresh, cooked, canned or preserved in any form and is the Greatest of all Berries for all Climates.

Everybody can and will grow this Great Berry for it is the easiest Fruit in the world to grow, is splendid for city people or any one with limited space, for it can be trained up from the ground like a tree producing Berries from 3 to 4 months, growing larger and producing more Fruit each year.

We guarantee this the Greatest of all new Fruits and can produce facts no one can get away from.

Beware of imitations. Giant Himalaya is a family by itself and highly valued wherever grown. The English Himalaya or Plants raised from seeds cannot be relied upon for fruit or hardiness. Our plants are from tested parent stock. Complete satisfaction guaranteed.

Instructions for cultivation with a booklet of receipts for using in many ways free with all orders.

Strong plants 30c each, 3 for 50c, 6 for \$1.00, 15 for \$2.00, 25 for \$3.00, postpaid.

Our 1911 Catalogue of Vegetable and Flower Seeds, Plants and Rare New Fruits free with every order.

MILLS SEED HOUSE, Box 45, ROSE HILL, N. Y.

on White Rocks won 2, 5 cock; 2 hen; 1, 4, 5 cockerel and 2 pen. His 2nd cock was a wonder but not quite finished. Mr. Hawkins strain of White Rocks originated on his place and were from Barred Rock sports. He also says that the Graves strain originated from birds that he sold. Mr. Hawkins won first on cockerel in the Columbian Rock class. On Columbian Wyandottes he won 1, 3 cock; 2, 3 hen; 2 cockerel; 3, 4 pullet and 2 pen, winning best display, also challenge cup and other specials on his 1st cock bird. Mr. Hawkins has the goods in Rocks, White and Barred and Columbian Wyandottes. He is the leader in the latter. He has 1200 for sale.

Red Feather Farm of Tiverton Four Corners, R. I., won 2 cock; 1, 3 hen; 1, 3 cockerel; 3, 4 pullet and first pen and winning best display in the Rose Comb Red class by a big margin. No Single Combs were shown. Their first pen was the sensation of the show and Mr. Tilton, one of the best authorities on Reds in the country, ventured the opinion that it was the very best pen of Rhode Island Reds that was ever exhibited, and Mr. Tilton's opinion of what constitutes a good Red is unquestioned. Mr. Almy informed us that the majority of his Rose Comb pens will be headed by sons of the Immortal Sensation who had such a dramatic death at the last New York show, just after being pronounced the first prize cock.

The great sensation of the Boston Show was the magnificent win of Skyland Farm, Sterling, N. Y., with their Single Comb White Leghorns. The following is the score which is unprecedented in the annals of White Leghorn history: 1, 2, 3, 4, 5 cock, 9 cocks in class; 1, 2, 3, 5, 6 hen, 9 hens in class; 1, 2, 3, 4, 5, 6 cockerel, 16 cockerels in class; 1, 2, 3, 4, 5 pullet, 18 pullets in class; 1, 2 pens, 6 pens in class, and 19 specials including the 25 dollar cup for best display. The Boston Show 10 dollar gold special for best display, the National S. C. White Leghorn Club, F. O. Groesbeck, Hartford, Conn., Secretary offering the cup. This win may never again be equalled and Mr. J. Harlo Fiske was receiving congratulations on every side for the great achievement. It's our candid opinion that any one wishing good prize winning S. C. White Leghorns, it would be well for them to consult Mr. Fiske if in quest of either stock or eggs.

Hon. A. S. Bailey of Cobalt, Conn., on 6 entries in the Single Comb Rhode Island Red class won 6 ribbons, going some for Boston. J. G. Budde & Co., of Oak Park, Ill., on 5 entries won 1 cock; 6 hen; 2 cockerel; 3 pullet and 2 pen, 8 pens in first cock winning the 100 dollar champion challenge cup and other specials. A creditable victory for the West and amply demonstrates that they breed good New York and Boston winners in the West.

White Birch Poultry Farm, Bridgewater, Mass., Rose and Single Comb Rhode Island Red breeders had a fine string in and as usual was up in the procession. It's a remarkable fact that for the past 7 years during which time White Birch has exhibited at every New York and Boston show, that no matter who exhibited or who judged they never failed to win a nice share of the ribbons and 2 years ago won 1 cockerel at both New York and Boston. White Birch Reds are stronger today than ever and are in a better condition than ever to meet the great demand that has been constantly growing in all sections and climes for their stock for showing or breeding or eggs for hatching. Send for their fine catalogue which is free. It describes one of the finest Poultry Farms in the United States.

Old Acres of Foxboro, Mass., duplicated their victory of Madison Square Garden in winning 1, 3 cockerel but supplemented it by winning 1, 6 pen. First cockerel at Boston also won 1st at New York. Old Acres now occupies

RANCOCAS LAYERS Our 10,000 Hens are the greatest layers in the world. Only the one great strain of the one great laying breed, S. C. White Leghorns. Fertile eggs, Day-Old Chix and Breeders supplied. 90% fertility in eggs guaranteed. **INTERNATIONAL POULTRY SALES CO.** Write for prices. Box 104, Brown's Mills-in-the-Pines, N. J.

S. C. BLACK MINORCA
WINNINGS FOR 1911.

Beaver, Pa., Jan. 10, 3rd cock, 1st, 4th hen, 2 cockerel, 4th, 5th pullet, 1st, 4th pen. Buffalo, N. Y., January 23rd, 5th hen, 3rd pullet, 2nd pen. We have some good females left at easy prices.

E. S. HOOPES, BEAVER, PA.

CHOICE S. C. REDS

Madison Square winning strain. Cock heading breeding pen, scoring 92½; hens, 90. Large in size, ideal in shape and red to the skin in color. Eggs, \$2 per sitting.

M. E. SHAFER, RAMSEY, N. J.

SNOW PRINCE STRAIN

WHITE ORPINGTONS

Birds of Merit The Great All Purpose Fowl

At the Great International Show, Buffalo, January, 1911, on two entries, I won, 1 pullet, 3 cockerel. Rochester, December, 1910, special for BEST PEN, young. Elmira, January, 1911, 1-3 pullet, 2-3-5 cockerel, 3 pen.

Six choice matings, from which to furnish Eggs or CHICKS. Eggs, \$3 to \$7 per 15. Chicks, 75 cents to \$1 each.

Also a fine Pen of Houdans. Eggs, \$2.50 per 15. Chicks, 50 cents each. Send for circular. Satisfaction guaranteed.

F. N. DOUNCE, 202 E. Second St., ELMIRA, N. Y.



Increase Your Poultry Profits

by increasing the number of chicks you raise from each hatch. Every chick lost is profit lost—your experience in the past year has taught you this. Stop your loss—increase your profits.

Use a Metal-Hen Brooder

A brooder that scientifically applies nature's own methods, thereby insuring healthy chicks. The brooder in which 22 out of 24 chicks were raised in mid-winter, without any other protection.

Metal-Hen Brooder maintains at all times a uniform temperature with perfect ventilation—suffocation by bunching and packing impossible, as there are no corners.

The Metal-Hen Brooder is indestructible, is fire proof, is built entirely of galvanized steel and asbestos—no place to conceal lice or vermin. Can be used indoors or out—can be readily moved from place to place—above all it is easily cleaned—sanitary—every part instantly accessible.

Send for free booklet containing full description of the Brooder and a practical treatise on Chick Raising.

A Metal-Hen Brooder complete ready for immediate use will be shipped you on 15 days approval—on receipt of price \$8.50 freight charges prepaid to any point east of Mississippi River.

METAL-HEN COMPANY
892 Richmond Ave. Buffalo, N. Y.

a very prominent position in the poultry world. Their Single Comb Rhode Island Reds are the cause. Mr. Arthur N. Dilley worked long and faithfully and the present day "Old Acres" strain of Single Comb Reds is the result of his efforts to improve the Reds as he found them when he first took them up. A True Fancier and a thorough gentleman. He richly deserves the success that he has achieved.

When it comes to breeding Buff Orpingtons for utility and exhibition combined, Mr. H. E. Challis of South Danville, N. Y., enjoys a fine reputation. His winnings were 2, 3 pen; 2 pullet and 4 hen. He also made a fine winning at Brockton and other fall shows. Mr. Challis along with selling stock and eggs for hatching, also sells baby chicks, and we can strongly recommend Mr. Challis, as from our knowledge of the quality of his exhibits at Boston for the last 5 years, we know he has the goods. Mr. Challis also won 1st pen in strong competition. Give Mr. Challis a trial, you will find him a man of his word.

Wm. Wardell of Fall River, Mass., had a fine display pen of Single Comb Reds. Mr. Wardell is one of our oldest breeders and we were ever glad to shake hands with him at Boston. Mr. Wardell will sell eggs from nice matings for 10 dollars a 100.

Mr. F. S. Frazier, Buff Rock specialist of Brockton, Mass., exhibited a small string. Mr. Frazier has been a consistent winner at Boston, having won the \$100 challenge cup, 2 years in succession. Along with his eggs for hatching, Mr. Frazier will also sell baby chicks, an announcement that will be appreciated by many who find it very difficult to obtain Buff Rock baby chicks.

C. W. Stowell the well known Partridge Wyandotte breeder of Edge-wood, R. I., made entries and won 2 ribbons. His second prize hen was a beauty. Mr. Stowell is a thorough fancier and we are proud to have him as an advertiser in AMERICAN POULTRY WORLD. Give him a call.

Stewart A. Howland, Granville, N. Y., won several prizes in the Buff Wyandotte alley. He reserved a string for the Utica show, held week after Boston, where he made a fine winning. Stewart breeds good ones, as was evidenced by his big winnings at Madison Square Garden last year.

R. W. Sturtevant, the leading Western Buff Wyandotte man, after purchasing Mattison & Toels flock, made a great win as follows: 2, 6 cock; 4 hen; 1, 3, 5, 6 cockerel, and commended pullet 3rd and pen 3, winning a lot of specials. Many thought 2 cock was best. Judge Engalls said conditions and feather decided the win.

Mr. L. D. Howell, the popular secretary of the Palace show, made several entries just to be in at Boston. Mr. Howell won 1 pen at Madison Square this season making 2 years in succession that he performed this great feat,

something never before accomplished by a Buff Wyandotte Breeder.

C. H. Shaylor of Lee, Mass., breeder of exhibition Barred Rocks, won 4, 5 cock; 6 hen; 1 cockerel; 5 pullet; 2, 5 pen, a very fine winning for Boston. Mr. Shaylor won 1st hen and other valuable prizes at the Palace show and generally makes a fine showing at Boston. We can strongly recommend Mr. Shaylor to any of our readers that wish to purchase eggs from very select matings. Mr. Shaylor can also spare a few select breeders. He is a breeder of 27 years experience with Barred Rocks. Mr. Shaylor also won state cup for best cock, hen, cockerel, pullet and pen.

Capen Bros., of Bloomfield, Conn., won several prizes on their Barred Rocks and Partridge Wyandottes. They made some great winnings at the earlier New England shows and are responsible breeders. Their varieties are Rose Comb Rhode Island Reds, Partridge Wyandottes and Barred Plymouth Rocks. They have some fine

Breeders for sale and eggs for hatching in any number from 1 to a thousand.

Hillcrest Farm, Oakford, Pa., on Partridge Rocks won 1, 4 cock; 4, 5 hen; 1, 3 cockerel; 2, 4 pullet. They also won 1 pullet, 2 cockerel; 2 hen and 3 cock on Silver Penciled Rocks. Mr. Fotteral, Prop. of Hillcrest Farm, is one of our most popular fanciers. He takes great pride in his poultry business and his plant is one of the finest in the State of Pennsylvania.

Gale Poultry Palace, New Haven, Conn., with their matchless Brown Queen Strain of Rose Comb Brown

Rose Comb Rhode Island Reds and Light Brahma Bantams
Winners at Madison Square, Philadelphia, Hagerstown, Baltimore, Allentown and Nazareth, Pa. Stock for sale.
Hillside Poultry Yards, James S. Fry, Prop., Nazareth, Pa.

POULTRY AND EGGS

Wanted in any quantity.
PHILIP QUIGLEY, Produce Commission Merchant
345 Front St., Philadelphia, Pa.

A \$4,000 Pen of Columbian Wyandottes The best pen of Columbian Wyandottes in the world. Do you want some eggs from this pen and the four pens I raised from it last year? Then send \$3.00 for 15 eggs (three eggs to be from my \$4,000 pen), and I will send you FREE my latest poultry book.

P. JUDSON PECK, WHITNEY POINT, N. Y.

LAMSON'S R. C. Brown Leghorns 150 Cockerels all bred from best stock. Must sell to make room. \$0 from heavy layers for only \$3 each, worth \$5. Order quick. Plenty of show cockerels. Circular.
H. S. Lamson, Box C, Cameron, N. Y.

REDS MADISON SQUARE AND NEW YORK STATE FAIR
1st Cockerel and Shape Special, Madison Square, Dec. 1910; 1st Cockerel, 1st Pullet, 1st Pen of young, 2nd Cock, New York State Fair, Sept. 1910. (I. W. Bean Strain).
(Rose Comb) DR. H. E. CHESEBROUGH, GREENWICH, N. Y. Send for Circular.

 **HUMPHREY'S S. C. WHITE LEGHORNS**
Win at Madison Square Garden, Boston, New York State Fair, and Cleveland, Ohio. Young stock for sale only. Cockerels \$3, \$5 and \$10 each. Pullets \$1.50 and \$2.00 each. Eggs for hatching after March 1st.
H. E. HUMPHREY, 18 Cottage Street, GREENWICH, N. Y.

HIGHLAND POULTRY YARDS BARRED PLYMOUTH ROCKS
Exclusively for Twelve Years

I have a number of yearling hens from last season's breeding pens for sale at reasonable prices, quality considered. If you are in need of a good Cockerel later in the season, remember that I have an exceptionally fine lot coming along. Whatever I sell is just as I represent it and if it is not, I will refund your money. : : : : : Can anyone be more fair?

GEO. I. CONOVER, 171 Highland Street, PORT CHESTER, N. Y.

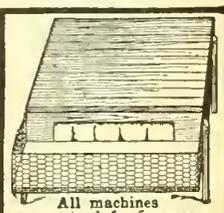
Custom Hatching, (any breed)
Custom brooding, (any breed)
Day-old S. C. White Leghorn Chicks,
Day-old White Plymouth Rock Chicks,
White Leghorn Cockerels and Breeding Stock.
Write for prices and information to
MAPLE GLEN POULTRY FARM, THE BEST MONEY AND SKILL CAN PRODUCE MILLERTON, N. Y.

DARTMOOR YARD'S "DARK CORNISH"
OUR INTERNATIONAL CHAMPIONS
WON TEN FIRSTS out of a possible 15 at Chicago's three big Club Shows. At the great Madison Square Show, New York City, Dec. 1910, on 5 entries, we won 2 firsts, 1 second, 2 thirds, competing with best in America, east and west. Our 1910 importations include 1st prize Crystal Palace hen, London, England, 1909, one of her best daughters and a champion male. A few choice cockerels sired by Imported Champion Jumbo. Eggs in season \$5.00 to \$20.00 per sitting, GUARANTEED HATCH. Mating circular free. Address all correspondence to
CHARLES S. BRENT, Prop., OCONOMOWOC, WIS



125-EGG WISCONSIN INCUBATOR \$10 AND BROODER--BOTH FOR \$10

If ordered together we send both machines for \$10.00—freight paid east of Rockies. Hot water, double walls, dead air space between, top has three walls, double glass doors, California Redwood, copper tanks, boilers; self-regulating Nursery underneath egg-tray. Both incubator and brooder shipped complete, with thermometer, lamps, egg-testers—all ready to use when you receive them. Incubators finished in natural wood showing exactly the high grade lumber we use. If you will compare our machines with others offered at anywhere near our price, we will feel sure of your order. Don't buy until you do this—you'll save money. It pays to investigate the "Wisconsin" before you buy. Read the letters below—they are actual proof from users, showing the success they are having with our machines. This is the most convincing evidence you could get. Send for the free catalog today or send in your order and save time. Ask the publisher of Farm Journal or The Commercial and Savings Bank of Racine, Wis., about our responsibility.
Thos. J. Collier, Mgr., WISCONSIN INCUBATOR CO., Box 59, Racine, Wisconsin



Wis. Inc. Co. Tolley, N. D.
Dear Sirs:—We received the incubator and brooder in good shape, and to our surprise, not having any experience with incubators, the first hatch was 94%, the second was 96% and the third, 98%. We did not know anything about operating the machine, but old, experienced poultry men say that is a grand record.
J. F. BELTZ, Prop. Ideal Farm.

Wis. Inc. Co. Eransville, Wis.
Dear Sirs:—We are well pleased with the incubator which we bought of you. We obtained good results with it. From 455 fertile eggs we got 416 chicks. I think it was a good hatch. I do not think any incubator can beat that. The Wisconsin is O. K.
JOHN DOUGLASS.

Wis. Inc. Co. Lockport, Ill.
Gentlemen:—I had good success with your incubator. I got 93 chicks from 97 eggs and 97 chicks from 103 eggs. I think the Wisconsin is a fine machine. There may be others as good, but I don't think there is any better. I have neighbors who will send for one this winter. They are so well pleased with mine.
HECTOR DENNISON.

All machines guaranteed for 5 years.

Leghorns, won as follows; 2 cock; 1, 2, 4 hen; 1, 2 cockerel; 1, 2, 3 pullet and 1 pen, also second pullet mated pen, also a bushel full of specials and ribbons including best display, thus winding up a successful show season with a glorious victory. They have a fine lot of Breeders for sale.

Mr. C. H. Clark of Cobalt, Conn., won 5 cock; 5 cockerel; 4 pullet and 1st pen mated to produce exhibition cockerels. Mr. Clark is an old time Rose Comb Brown Leghorn breeder and is a very fine fellow, one that we are always glad to meet at a show. Mr. Clark also produces the finest honey to be found in the state of Connecticut.

Edw. W. Cunningham, the Single Comb Rhode Island Red specialist of Exeter, N. H., after making a fine record at the Portland, Me., show, and after winning the New Hampshire state championship, entered a pen at Boston, and despite the strong competition was awarded fourth, which was highly creditable. One of the females in the pen was a hen which if entered in the open class would undoubtedly landed first as she was a crackerjack. Mr. Cunningham devotes 300 acres to the raising of fine Reds and along with stock. He can furnish you with eggs to hatch by the setting, 100 or 1000.

W. S. Harris, of Mansfield, Mass., won a place on a nice pen of Rose Combs. He also breeds Single Comb Reds as well as Homer Pigeons. Mr. Harris is one of our oldest breeders and stock purchased from him pleased. Mr. Harris has some splendid matings for the egg trade.

Robert Horte of So. Braintree, Mass., won several prizes in the Rose Comb class. Mr. Horte breeds a large number of varieties and is a good man to deal with as his prices are very reasonable. He breeds the I. W. Bean strain of Rose Comb Reds.

Charles L. Seely, the veteran White Crested Black Polish breeder of Afton, N. Y., won 2 hen, 1 cockerel, 2-5 pullet and 1 pen; first prize cockerel being considered the best ever shown besides the above winnings. Mr. Seely won a number of valuable specials. The above splendid win gave great pleasure to the legion of friends of Mr. Seely who had bred his favorites for 60 years. He will have several strong matings from which he will sell a limited number of settings of eggs.

M. J. Corey, Springfield, Mass., with his noted Golden Glow Strain of Buff Plymouth Rocks won 2 cock, 3rd hen, 3-6 cockerel, 1-3 pullet and 1 pen, winning best display, cup for best cock, hen, cockerel, pullet and other specials. It was a fine win considering the competition, and this coupled with his other great wins, places him easily in the van as New England's leading Buff Rock breeder and one of the best in America.

Mr. John S. Martin, Box W., Port Dover, Canada, came down and spent several days at the Boston show. Mr. Martin reports that his Regal Strain of White Wyandottes are constantly growing in favor and his New Regal Wyandotte Book is going like hot cakes. It only costs a dime. His catalogue and mating list are free.

Henry B. Prescott, the noted Orpington Specialist of Derry Village, N. H., again made a big winning as follows: Buff, cock, 2nd; hens, 2-3-6; cockerels, 1st and 2nd; pullets, 3-6; pen 6th; also best display and other specials. In Whites he won 1 cockerel, several other prizes and specials. 1st cockerel was a peach. Mr. Prescott is no doubt one of our very foremost Orpington breeders and he enjoys a fine reputation among his customers. He had a very prosper-

ous season last year and expects a bigger one next. Send for his free catalogue. Mr. Prescott also won the Grand special for best display in the entire Orpington class, all varieties competing.

S. H. Harter, Nescopeck, Pa., entered a few birds and won 3rd cock, 1st hen and 1st cockerel. Mr. Harter is one of the leading Buff Plymouth Rock breeders of America. He has made a great record this season at Philadelphia and at both New York shows. Some great Buff Rocks are being shown nowadays, wonderful improvement having been made in the last two seasons. Mr. Harter's first prize cockerel at the Garden last year was considered the best ever shown.

R. G. Williams, the noted Silver Laced Wyandotte breeder of Barre, Mass., won 6th cock, 1-4 hen, 2-4 cockerel and 1 pen, winning more points than any other exhibitor. The Best in the World in Silvers can be found at the Boston show and Mr. Williams is always one of the big winners, and the nice point of it all is that he breeds his winners.

John C. Jodrey of Danvers, Mass., won 1st cockerel with what was claimed to have been the best Silver male ever shown. Mr. Jodrey is a leader.

Mr. Henry Kalvin, Brooklyn, N. Y., broke in the Silver class with a string of fine hens, winning 3 placed. The genial doctor made a great win at the Palace, also doing fine at Philadelphia and the Garden, but too much showing is bad.

Mr. J. W. Andrews of Dighton, Mass., again shows his heels to them in the White Wyandotte class, winning 1-5 cock, 6 hen, 1-2 cockerel, 6 pullet and first pen, winning both color and shape specials on males, also best display.

BAL MED FARMS Buff Orpingtons, White Wyandottes, Barred Rocks and S. C. White Leghorns. Vigorous farm-raised birds. Baby chicks that live and eggs that hatch. Orders now received. Stock for sale. We can fill any order, large or small.

BAL MED FARM, W. E. Kleinfelter, Mgr., R. F. D. 1, MEDIA, PA.

CHOICE BREEDERS **CECIL PLACE** **EGGS FOR HATCHING**
THE HOME OF THE

PARTRIDGE WYANDOTTES

Winners at Baltimore, Pittsburg, etc. Send for mating list and catalogue of their many victories.

M. NELSON CECIL, Route 5, **ELM GROVE, W. VA.**



FRED ARMER,

BUFF ROCK EGGS

From my Madison Square and Albany, 1910-1911 winners. Eggs from pen headed by Madison Square Garden second prize cockerel, December, 1910, in a class of twenty-nine, with six of my prize winning pullets and four of my prize winning hens. Pen number two, headed by my first prize cockerel at Albany show, in January, 1911, (am showing cut of this cockerel with this ad.), and mated with five of my prize winning pullets and five of my prize winning hens. Eggs from either of these pens, \$5 per 15. Only a limited number from these pens. Other eggs including my first prize pen cockerel at Albany and my first prize pen cock bird at Albany, these two males mated with some of my best pullets and hens at \$3 for 15 eggs. At New York State Fair, in September, 1910, sixteen breeders exhibiting, I received three of the first prizes. At Albany, in January, 1911, in very strong competition I received four of the first prizes. Write for mating list.

BALLSTON SPA, N. Y.

EGGS! EGGS! EGGS!

AND CLOVERNOOK'S

White Holland Turkeys

White African Guineas and Wissahickon White Wyandottes.

Great Birds! Great Layers! Great Hatches! Great Bargains in Non-related Stock!
Also choice PEKIN DUCKS. Write for Prices.

MISS FRANCES E. WHEELER, CHAZY, NEW YORK

FOR SALE

Eggs for Hatching from **Single Comb Brown and White Leghorns, Rhode Island Reds, White and Columbian Wyandottes and American Dominiques.** One sitting, \$1. two sittings, \$1.75, three sittings, \$2.25, 100 eggs, \$5. This is A-No. 1 stock. A few cockerels for sale.

R. H. SHUMWAY, LEBANON SPRINGS, N. Y.

S. C. BUFF LEGHORNS

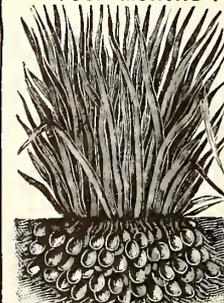
the quality kind. A few
cocks for sale at \$3.00 up.

HICKORY HILL POULTRY FARM

Robt. P. Adams, Prop.,

R. F. D. No. 1, LYNCHBURG, VA

Grows From Seed
FOUR MONTHS FROM PLANTING



A few Ground Almonds (Chufa) growing in your garden this year will give you a great deal of pleasure. Plant in Spring and you will get a crop in about four months. The nuts of fine flavor, resembling the coconut or almond; meat is snow white; shell thin, and great producer. One nut planted will produce from 100 to 200 nuts. Will grow in any soil or location. To get new customers to test our seeds we will mail 50 Ground Almond nuts and 1911 Seed Catalogue with 10c. Due Bill, all for 10 cents. Send today and have something in your garden to surprise your neighbors.
MILLS SEED CO., Box 600, Washington, Iowa.

This is the fifth time in succession that Mr. Andrews has won 1st pen at Boston, a fact that we don't believe will ever again be accomplished by a White Wyandotte breeder.

Geo. M. Beecher of West Pawley, Vt., won a place on a very fine cock, quite a credit. Mr. Beecher breeds fine White Wyandottes, holding the Vermont State Championship. He makes a specialty of eggs for hatching, also baby chicks.

Mr. Chas. H. Wood of 715 State Mutual Building, Worcester, Mass., on Partridge Wyandottes, won 3rd cock, 1-3-5-6 cockerel, 2-5 pullet, first and second pens, also winning best display and many other valuable specials. Mr. Wood also made a fine win at Providence, also winning best display. He also breeds White Orpingtons, which are of the same high class as is his Partridge Wyandotte. Mr. Wood has a few select breeders still for sale and has a number of fine pens mated up for the egg trade.

A. Q. Carter of Freeport, Me., gave the boys something to talk over with his American Dominiques, winning 2-5 cock, 1-2 hen, 2 cockerel, 1-2-3 pullet and 1 pen, winning best display and other specials. All the leading American breeders had birds in the class, which was a big one.

Mr. M. R. Jacobus, Ridgefield, N. J., is making the Campine Fowls famous; his exhibit at Boston attracted marked attention to this great egg laying breed, he winning every prize but two, as follows: 1-2-3-4 cock, 1-2-3-4 hen, 1-2-3-4 cockerels, 1-2-3-4 pullets. The Campines as bred and exhibited by Mr. Jacobus, should appeal to the lovers of the fowl beautiful, while as layers of large white eggs, Mr. Jacobus claims they have no equal. Mr. Jacobus, with his Campine eggs, won 1st and 2nd on best dozen white eggs, 6 entries, also 1st and 2nd on whitest dozen eggs, 6 entries, also 1st on largest and hand-somest display, not less than 10 dozen, any variety.

Joseph Pye, the Buff Orpington specialist of So. Norwalk, Conn., won 1st cock, with the great bird that he valued at \$2500. All Boston was talking about this bird and crowds came daily just to see him alone. This bird also won 1st at New York.

Gifford & Warren of So. Weymouth, Mass., made a nice win with their Black Orpingtons, winning 1st cock, 3rd hen and 6th pullet. Mr. Gifford is an old time Black Orpington breeder and he also breeds good Single Comb Rhode Island Reds. He was formerly superintendent of the Auburn show, but several years ago he moved to E. Weymouth, Mass. Write him for stock and prices of eggs, he will use you right.

Waldo Richardson of Apponaug, R. I., showed a nice string of Rose Comb White Orpingtons, winning 4 firsts. This variety has the true Orpington type and should become very popular as they are a great winter laying fowl. Mr. Richardson also breeds White Orpingtons and White Wyandottes and is prepared to furnish eggs for hatching from his best matings.

Elm Poultry Yards, Hartford, Conn., won as follows: Black Langshans, cock, 3rd; hen 3rd; cockerel 6th; pullet 6th; White Langshans, 2 cock; 1 hen; White Rocks, 6 hen; Black Minorcas, 3 hen; Houdans, 5th hen, 3rd cockerel. Mr. Grosbeck of Elm Poultry Yards informed us that they only made a few entries just to be at Boston. They had sold many winners for a number of the classes so didn't compete. They have 5000 birds to sell, of nearly all the popular varieties. Also eggs for hatching and baby chicks.

Paul P. Ives of Guilford, Conn., expert breeder of Black and White Langshans, won 2 cock, 2 cockerel in Blacks; 3rd cock, 3 hen, 1st cockerel and 1st pullet in White Langshans. Mr. Ives is a popular citizen of his home county and is also an excellent all around poultry judge. He will sell eggs for hatching from select matings.

Darling & McNear of Natick, Mass., won 2nd Light Brahma pullet, 6 cock, 5 hen, 5 cockerel and 5 pullet in Buff

Tompkins & Scrantons Reds

Single Combs Exclusively

Blue Ribbon Winners at Hagerstown and Baltimore. Eggs from choice matings, \$2 and \$3 per sitting. From pen headed by 1st Hagerstown Cockerel, \$5 per sitting. 100 per cent fertility guaranteed.

George W. White, Member A. P. A. Hamilton, Md.

E. R. COLLINS & SON

Breeders of R. C. Black Minorcas, Black Wyandottes, Buff and Black Cochins Bantams. Look up our winnings at Madison Square Garden. Stock and Eggs for sale.

Baker Avenue, Dunton, Queen's Borough, N. Y.

KYLE'S S. C. WHITE LEGHORN Baby Chicks

Fifth Season \$15.00 Hundred
C. E. KYLE, Send for Circular Box W, ROCKY RIVER, OHIO



AMERICAN POULTRY FARM

Home of the BRED TO LAY

Barred Plymouth Rocks Egg Records 190 to 242

Rhode Island Reds Egg Records 200 to 274

White and Brown Leghorns Egg Records 200 to 244

We breed for Color, Vigor and Heavy Egg Production and for Breeding Males from Pedigreed Cockerels and High Record Egg Producing Hens.

USE PEDIGREED COCKERELS FOR BREEDING, \$3, \$5, \$7. They will increase your egg production over 50 per cent. 200 Pedigreed Cockerels for sale also eggs in season from Pedigreed Hens, 50 cents each. Pens 1 to 10, \$3 per 15, \$5 per 30. We also breed Airedale Terriers, the Poultryman's Dog. Write us for prices.

F. M. MUNGER & SONS,

DeKALP, ILLINOIS

Main's Mottled Anconas

Represent the Highest Achievement of Modern Breeding

My Royal Blue Strain are winners at all the leading shows, including Madison Square Garden. At the recent exhibition at this, America's Greatest Show, I won 4 cock, 2-3 hen, 1-5 cockerel, 1-4 pullet.

35 choice cockerels, bred from the same blood lines, for sale at reasonable prices to make room. : : : : Eggs for Hatching

FRANK W. MAINS,

MORRIS PLAINS, N. J.

S. C. BUFF ORPINGTONS



Our birds this season are better than ever in size, type and color. A grand lot of cockerels and pullets fit to win in any competition. In the three years we have shown at "Madison Square Garden" our birds have never failed to win. This should mean something to you, as it shows the result of careful breeding. We do not have to buy, we raise our winners.

No Stock for Sale
Eggs, \$10.00 per Setting

EDGEWOOD FARM,

M. B. Richardson, Jr., Prop.,

LIME ROCK, CONN.

Orpingtons; Black Orpingtons, 3 cock, 4 hen, 4 cockerel and 1 pullet; White Orpingtons, 2 cock, 4 hen, 5 pullet. Messrs. Darling & McNear, also furnished 1st hen. This at Boston speaks volumes for the quality of their Light Brahmas and Buff, Black and White Orpingtons. They invite all interested in the above varieties to send for their catalogue.

Frank Read of Bridgewater, Mass., the leading Rhode Island Red specialist, so long a resident of Fall River, spent a day at the show. Mr. Read found that his sales were so large that he didn't have anything left, only his breeding birds, so he didn't show at New York this season. He reports as having fine matings for the egg trade.

Mr. F. C. Tabor, the Rose Comb Brown Leghorn specialist of Worcester, N. Y., won 3 cock, 4 cockerel and 1st pen, mated to produce exhibition pullets, and 2nd pen, mated to produce exhibition cockerels. A very fine showing considering the great class and quality found this year at Boston. Mr. Tabor publishes a neat catalogue giving prices of eggs and stock. It is free to all who ask for it.

Howard S. Lytle, the noted White Wyandotte breeder of Mattoon, Ill., sent a pen and in competition with the best in the East, succeeded in winning 2nd, this in a class of 15 strong pens, the best ever exhibited at Boston; speaks volumes for the quality of Mr. Lytle's strain of White Wyandottes. It's a long ways for a pen of White birds to travel and in winning 2nd at Boston, Mr. Lytle succeeded in doing what no other western breeder has ever accomplished, and he has our hearty congratulations and he deserves to be commended for his pluck.

Mr. S. B. Twining of Afton Farms, Yardley, Pa., and author of the great book, "Poultry Truths," came all the way from Pennsylvania to visit the Boston show. Mr. Twining reported that his book was selling well and he showed us a number of testimonials from satisfied purchasers. This book should be in the hands of every poultry raiser as this book can give pointers to the best of us, and as for the amateur, just starting in, it will be invaluable.

WINNINGS OF A. P. W. ADVERTISERS AT BOSTON SHOW, JAN. 10-24, 1911

LIGHT BRAHMAS:—Darling & McNear, Natick, Mass., 2 pullet.

BUFF COCHIN:—Hugh A. Rose, Welland, Ont., 1 hen, 1 cockerel, 1 pullet.

PARTRIDGE COCHINS:—Hugh A. Rose, 6 cock.

BLACK COCHINS:—Hugh A. Rose, 5 hen.

WHITE COCHINS:—Hugh A. Rose, 1 cock, 1 hen, 1 cockerel, 1 pullet.

BLACK LANGSHANS:—Paul P. Ives, Guilford, Conn., 2 cock, 2 cockerel. Elm Poultry Yards, Hartford, Conn., 3 cock, 2 hen, 6 cockerel, 6 pullet.

R. W. Bishop, Guilford, Conn., 6 pullet.

WHITE LANGSHANS:—Paul P. Ives, 3 cock, 3 hen, 1 cockerel, 1 pullet.

ELM POULTRY YARDS, 2 cock, 1 hen. BARRED PLYMOUTH ROCKS:—Pittsfield Poultry Farm, Pittsfield, Me., 2 cockerel, 2-6 pullet, 1-4 pen.

WHITE PLYMOUTH ROCKS:—A. C. Hawkins, Lancaster, Mass., 2-5 cock, 2 hen, 1-4-5 cockerel, 2 pen. Elm Poultry Yards, 6 hen.

BUFF PLYMOUTH ROCKS:—M. J. Corey, Springfield, Mass., 2 cock, 1 pullet, 1 pen.

F. S. Harter, Brockton, Mass., 4 cock. S. H. Harter, Nescopeck, Pa., 3 cock, 1 hen, 1 cockerel.

PARTRIDGE PLYMOUTH ROCKS:—Hillcrest Farm, Oakford, Pa., 1-4 cock, 4-5 hen, 1-3 cockerel, 2-4 pullet.

SILVER PENCILLED PLYMOUTH ROCKS:—Hillcrest Farm, 3 cock, 2 hen, 2 cockerel, 1 pullet.

COLUMBIAN PLYMOUTH ROCKS:—A. C. Hawkins, 1 cockerel.

SILVER LACED WYANDOTTES:—R. G. Williams, Barre, Mass., 2-6 cock, 1-4 hen, 2-4 cockerel.

J. C. Jodrey, Danvers, Mass., 4 cock, 2 hen, 1 cockerel, 2 pullet.

Dr. Henry M. Kalvin, Brooklyn, N. Y., 3-5-6 hens.

WHITE WYANDOTTES:—Geo. M. Beecher, W. Pawlet, Vt., 6 cock.

J. W. Andrews Dighton, Mass., 6 hen, 2 cockerel, 6 pullet, 1 pen.

PARTRIDGE WYANDOTTES:—Capen Bros. Bloomfield, Conn., 2 cock.

Chas. H. Wood, Worcester, Mass., 3 cock, 1-3-5-6 cockerel, 2 pullet, 1-2 pen.

C. W. Stowell, Edgewood, R. I., 2-6 hen.

COLUMBIAN WYANDOTTES:—A. C. Hawkins, 1-3 cock, 2-3 hen, 2 cockerel, 3-4 pullet, 2 pen.

AMERICAN DOMINIQUE:—A. Q. Carter, 2-5 cock, 1-2 hen, 2 cockerel, 1-2-3 pullet, 1 pen.

S. C. RHODE ISLAND REDS:—A. S. Bailey, Cobalt, Conn., 6 cock, 2 hen, 4 cockerel, 2-4 pullet.

White Birch Poultry Farm, Bridge-water, Mass., 2-4 cock, 4 hen.

J. G. Budde & Co., Oak Park, Ill., 1 cock, 6 hen, 2 cockerel 3 pullet, 2 pen.

Ringlet Barred Plymouth Rocks FISHEL WHITE PLYMOUTH ROCKS

Eggs for hatching, also Breeders for sale. OSAMA POULTRY FARM, SALEM, N. Y.

CAMERON MINORCA FARM R. C. BLACK MINORCAS S. C. WHITE Day-old chicks from the best stock, with plenty shape, size and quality. Good birds at low prices. Write for catalogue. MRS. CARRIE BUTTERFIELD, CAMERON, N. Y.

HILLCOTE FARM Buff Orpingtons and White Leghorns

The Winning Kind Choice Breeding Cockerels, \$5 and \$10. Eggs, \$5 and \$3.

PITTSFORD, NEW YORK

LYTLE'S White Wyandottes

Chicago and Indianapolis winners. If you are interested in high-class White Wyandottes, send for mating list showing list of prices and winnings at leading Western shows

EGGS, \$3.00 to \$15.00 per sitting

HOWARD S. LYTLE, Box 144, MATTOON, ILL.

PARTRIDGE PLYMOUTH ROCKS

Originator of Wolverine bred to lay strain. Can furnish exhibition or breeding stock that will please you or money refunded J. A. HAGEMAN, Box Am., CHARLOTTE, MICH.

ROCKDALE FARM'S WHITE WYANDOTTES and BARRED PLYMOUTH ROCKS

possess the qualities so much desired, the combination of a high standard of exhibition quality with egg production. My Wyandottes are winners at Hudson, N. Y., Schenectady, 1909, at Albany, 1911. My Plymouth Rocks won at Hudson, N. Y., Schenectady, 1909, at Albany, 1911, in strong competition. My matings this year are the best I ever had. Eggs, \$3 per 13, \$5 per 26 and \$10 per 100. Stock for sale at reasonable prices.

MARK DUNTZ, CLAVERACK, Columbia County, N. Y.

REDS—CARVER'S QUEEN QUALITY—REDS

Line bred dark velvet Reds with rich red under-color, long bodies, low tails and red eyes. Our customers are winning the blue in the hottest competition. Both combs. Eggs \$2.00 per sitting, 3 sittings \$5.00 always.

A. A. CARVER, Highland Poultry Farm, CHARDON, OHIO



LEGHORNS—Brown and White

Madison Square Winners The Greatest Layers Bred. 242 to 256 egg strains White Wyandottes, Barred Rocks, S. C. Reds. Cat.

W. W. KULP, Box 12, POTTSTOWN, PA.

IF YOU RAISE POULTRY
Whether for commercial purposes or domestic use you cannot afford to be without

THE POULTRY BULLETIN

It is conceded by expert authorities to be the most practical publication issued in Australasia in connection with Poultry Subjects, and enables every reader to place his operations on a profitable basis.
Its pages teem with articles of absorbing interest to every breeder of feathered stock, and its contributors write with a full personal knowledge of their subjects.
Sample copies mailed free on request to any address, and subscriptions can begin at any time. IT COSTS BUT 3s. PER YEAR AND IS WORTH AS MANY POUNDS.

THE POULTRY BULLETIN,
42-46 Elizabeth St., Brisbane, Queensland, Australia

Old Acres, Foxboro, Mass., 1-3 cockerel, 6 pullet, 1-6 pen.
R. C. RHODE ISLAND REDS:—Red Feather Farm, Tiverton-4-Corners, R. I., 2 cock, 1-3 cockerel, 1-4 pullet, 1 pen.
 Lester Tompkins, Concord, Mass., 1 cock, 2 cockerel, 1 pullet.
 Robt. Horte, So. Braintree, Mass., 5 cockerel, 5 pullet.
 W. S. Harris, Mansfield, 3 pen.
SILVER GRAY DORKINGS:—M. R. Jacobus, Ridgfield, N. J., 4-5 cockerel, 2 pen.

S. C. BUFF ORPINGTONS:—Darling & McNear, Natick, Mass., 6 cock, 5 hen, 5 cockerel.
 Henry Prescott, Derry Village, N. H., 2 cock, 2-3-6 hen, 1-2 cockerel, 3-6 pullet, 6 pen.
 Joe Pye, So. Norwalk, Conn., 1 cock.
 H. E. Challis, So. Danville, N. H., 4 hen, 2 pullet, 2 pen.
S. C. BLACK ORPINGTONS:—Darling & McNear, 3 cock, 4 hen, 4 cockerel, 1 pullet.
 Owen Farm, Vineyard Haven, Mass., 4 cock, 5 hen, 1 cockerel, 3 pullet.
 Hillcrest Poultry Yards, Meriden, Conn., 1 hen, 5 cockerel, 2 pullet, 2 pen.
 Hugh A. Rose, 1 hen, 2 cockerel, 4 pullet.

S. C. WHITE ORPINGTONS:—Darling & McNear, 2 cock, 4 hen, 5 pullet.
 Henry Prescott, 3 hen, 1 cockerel, 5 pen.
 Chas. H. Wood, Worcester, Mass., 4-5 cockerel.

ROSE COMB WHITE ORPINGTONS:—Waldo Richardson, Apponaug, R. I., 1 cock, 1 hen, 1 cockerel, 1 pullet.
ROSE COMB BROWN LEGHORNS:—Gale Poultry Plant, Meriden, Conn., 2-4 cock, 1-2-3-4 hen, 1-2 cockerel, 1-2-3 pullet, 1-2 pen.
 C. H. Clark, 5 cockerel, 4 pullet.
S. C. WHITE LEGHORNS:—Skyland Farms, Sterlington, N. Y., 1-2-3-4-5 cock, 1-2-3-5 hen, 1-2-3-4-5-6 cockerel, 1-2-3-4-5 pullet, 1-2 pen.
 Elm Poultry Yards, 6 cock, 4 hen, 5 pen.

BLACK LEGHORNS:—Elm Poultry Yards, 1 hen.
BLACK MINORCAS:—Elm Poultry Yards, 3 hen.
R. C. BLACK MINORCAS:—A. M. Moody, Newburyport, Mass., 1 cock, 4 hen, 2 cockerel, 4 pullet, 1 pen.

HOUDANS:—Elm Poultry Yards, 5 hen, 3 cockerel.
WHITE CRESTED BLACK POLISH:—Chas. Seely, Afton, N. Y., 2 hen, 1 cockerel, 2-5 pullet, 1 pen.
CAMPINES:—M. R. Jacobus, Ridgefield, N. J., 1-2-3-4 cock, 1-2-3-4 hens, 1-2-3-4 cockerels, 1-2-3-4 pullets.

INDIAN RUNNER OLD DUCKS:—Creckford, Bristol, R. I., 1st.
INDIAN RUNNER YOUNG DRAKES:—R. F. Galleher, Mt. Gilead, Ohio, 1st.

BLACK BREASTED RED GAME BANTAMS:—W. H. Congdon, Oak Lawn, R. I., 1 cock, 1-2-3-4 hen, 2-3-4-5 cockerel, 1-2-4 pullet, 1 pen.
BROWN RED GAME BANTAMS:—W. H. Congdon, 1 cock 1 hen, 1 cockerel, 1 pullet.

GOLDEN DUCKWING GAME BANTAMS:—W. H. Congdon, 1 cock, 1 hen, 1 pullet.

SILVER DUCKWING GAME BANTAMS:—W. H. Congdon, 1 cock, 1 hen, 1 cockerel, 1 pullet.
RED PYLE GAME BANTAMS:—W. H. Congdon, 2 hen.

SILKIE BANTAMS:—Hugh A. Rose, Welland, Ont., 1 cock, 1-2 hen, 1-2 cockerel, 1-3 pullet.

GOLDEN SEBRIGHT BANTAMS:—Hugh A. Rose, 1 cock, 2-3-4 hen, 1 cockerel, 1-2-3-4 pullet.

SILVER SEBRIGHT BANTAMS:—Hugh A. Rose, 1 cock, 1-2-3-4 hens, 1 cockerel, 1-2-3-4 pullets.

BLACK ROSE COMB BANTAMS:—Hugh A. Rose, 1 hen, 3 cockerel, 1 pullet.

BLACK COCHIN BANTAMS:—W. H. Congdon, 2 pullet.

DARK BRAHMA BANTAMS:—Hugh A. Rose, 1 cock, 3 hen, 1 cockerel, 1 pullet.

POLISH (any variety):—Robt. Horte, So. Braintree, Mass., 3 cock, 6 hen, 2 cockerel, 5 pullet.

Hugh A. Rose, 1 cock, 1-2-3-4 hen, 1 cockerel, 1-2-3-4 pullet.

PROMINENT BREEDERS OF WHITE FOWL

(Continued from page 385)

tent judges claim that "Perfection, Jr." is a better bird than his sire; if this is so, he is one of the best White Wyandotte males ever bred or exhibited.

Mr. Rudy is a "plain farmer and poultryman" to use his own modest description of himself. But he is not only a very good farmer and poultryman, but a dyed-in-the-wool fancier, who knows every angle of the mating, breeding and exhibition of White Wyandottes; one of the secrets of his success in the showroom being

the training of his exhibition specimens. "Perfection, Jr." is a notable example of this, his attitude in the coop when being inspected or handled by judges and others causing the newspaper reporting that Kansas City Show to write of him as the "posing rooster". Mr. Rudy, like all other good fanciers, knows that a well conditioned and well trained bird has a decided advantage over one of equal, or even superior merit that has not been properly prepared for exhibition.

That stock and eggs from Mr. Rudy's yards are in great demand is attested to by the fact, that notwithstanding the fact that he charged \$3.00 per egg from "Perfection, Jr.'s" pen, he could not supply the demand last season. This season he has made the price per egg \$5.00 for eggs from his choicest pen, a low figure as compared with the opportunity it affords the purchaser.

AN UNEQUALLED CLUBBING OFFER

We will send AMERICAN POULTRY WORLD in combination with any two fifty cent poultry journals of your own selection, one year, for \$1.00. Address all orders to AMERICAN POULTRY WORLD, 158 Pearl Street, Buffalo, N. Y.

"Ideal" Trap Nests

are the World's standard. Circular free.
 F. O. WELLCOME, Box W2, YARMOUTH, ME.

Briarcrest White Wyandottes
 Again the leading winners at Grand Rapids, Mich., January 1910. Tucker and Wise, Judges. We won 1st, 2nd, 3rd, 4th Cock; 3rd Hen; 1st Pullet; 2nd, 3rd Pen, and 7 specials, including Silver Cup on Display. On Buff Orpingtons won 2nd Cockerel, 3rd Cock. Eggs for Hatching \$2 per 15, \$10 per 100. White Holland Turkey Eggs, \$3 per 12.
 Briarcrest Farms, Box 108, McCords, Mich.

SINGLE COMB BUFF HARP'S ORPINGTONS

Prize winners at Kentucky State Fair, Tennessee State Fair, Nashville, Tenn., Appalachian Exposition, Knoxville, Tenn., Kentucky State Show, Lexington, Ky., January, 1911. Mating List for the asking.
 ROGER V. HARP, 310-W Short Street, LEXINGTON, KY.

OAK POULTRY YARDS

Eggs for Hatching and Baby Chicks from our

S. C. WHITE LEGHORNS

Latest winnings at the great Cleveland show, January, 1911, on 3 entries, 2nd cockerel and 3rd hen in a strong class. Send for circular describing our strain.

PAUL C. BORK, Proprietor, AKRON, OHIO

Ripley's Perfect Shipping Boxes

For Day Old Chicks—and Eggs



Stand the weight of 5 men. Made of strong corrugated card board. Dead air cells keep out heat and cold. Chick boxes have perfect ventilation. These boxes deliver the chicks 3,000 miles safely, and eggs in a hatchable condition, and save express charges. Satisfaction or money returned.



Cheapest and Best Boxes Made
 Order from this advt. Special prices on 100 boxes or more and pay freight on 500 boxes. Shipped knocked-down to save in freight charges. Catalogue Free of Egg, Day Old Chick boxes, Coops, Brooders, Hot Water Brooder and Brooder House Heaters, Feed Cookers, Whitewashers, Sprayers, Bone and Clover Cutters, Carts, Lice Killers, FLY, etc. Write postal.

Perfect Chick Boxes
 100 Chick Size - \$2.65 Per Doz.
 50 Chick Size - 1.60 Per Doz.
 25 Chick Size - 1.25 Per Doz.

Size	Doz.
15 Egg	\$1.00
30 Egg	1.65
50 Egg	2.50
100 Egg	4.00

RIPLLEY MFG. CO., Box P W, Grafton, Ill., U. S. A.

LOCUST HALL POULTRY FARM POUGHKEEPSIE, NEW YORK
STANDARD BRED BARRED ROCKS

America's Best Blood Only. A few very choice Cockerels for sale. Eggs from carefully mated Pens, \$3 per thirteen.

DR. EDWARD J. NESBITT, POUGHKEEPSIE, N. Y.

FENTON FARMS' COLUMBIAN WYANDOTTES

WALTER G. FENTON, THE NOTED COLUMBIAN WYANDOTTE BREEDER, TELLS OF THE ADVANTAGES OF FOLLOWING MR. PHILO'S FAMOUS SYSTEM IN BREEDING HIS FAVORITE VARIETY

Within the past five or six years, thousands of city people who never dreamed of having chickens now have an egg factory and broiler plant in their back yards. Until the advent of the Philo System, people believed it required acres of land to conduct the poultry business. The success of the Philo system by those who have tried it has demonstrated otherwise. Today there are hundreds and hundreds of small plants on city lots that are paying their owners more dollars than many of the large flocks kept on farms.

Both men and women living in the cities have by this system realized their desire to own a chicken farm. It is a fact that the person in the city with six Columbian Wyandottes in a small pen can get four to six eggs a day, while the farmer who keeps fifty to one hundred mongrels will not get more than ten or twelve.

The Philo System is an intensive system of poultry keeping, and in order to make it a success, the breed and strain enters into the results that are obtained.

It is with fowls as with horses, cattle and everything else, different breeds are required for different kinds of work. Heavy draft horses are used for hauling heavy loads and doing heavy work, light horses are used for racing and light draft work. Certain breeds of cattle are bred for beef and others for dairy purposes. With poultry we have the heavy breeds for meat and table purposes and the light breeds

for eggs. We also have the middle weight that have great merit as a breed for market poultry and are good layers as well, and this class includes Columbian Wyandottes.

During the past five years, we have advised many users of the Philo System to try Columbian Wyandottes, and we have sold hundreds of birds to be kept according to this system. Nearly everybody has found that it is a satisfactory and profitable combination.

I will not discuss in this article why heavy or light breeds are not as profitable as medium sized breeds like Columbian Wyandottes, but I want to say to all who are keeping varieties such as the Rocks, Orpingtons or Leghorns to get in touch with breeders of Columbian Wyandottes and ask them for their records. They will tell you that Columbian Wyandottes will succeed where others fail. What I want to bring before poultry breeders not familiar with Columbian Wyandottes, is the qualities that are making them such a phenomenal success. First, Columbian Wyandottes are not a heavy variety nor are they classed with light breeds, they are a medium sized variety. They have the markings of the Light Brahma without the feathered shanks. They are Wyandotte in shape and possess the desirable table qualities of the Brahmas and the Wyandotte in addition to laying qualities that no breed surpasses. Especially fitted are Columbian Wyandottes for

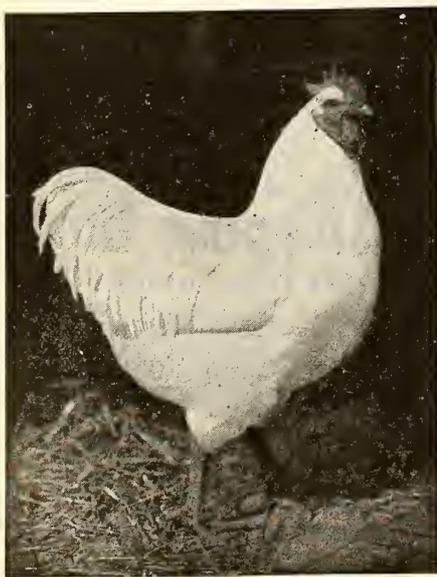
winter egg production, being more hardy and able to withstand the most severe weather. They possess wonderful vitality as chicks, feather quickly and evenly, and at five and six weeks of age weigh from one to two pounds.

They do best in egg production in small quarters; at Fenton Farms the unit is thirty layers in a pen 10x12. Each pullet averages 174 eggs. With the Philo System they excel this average in many cases. In the Philo plant that I use for demonstrating and experimental purposes, some of the pens, where 6 layers are kept in a pen, the average runs from 180 to 198 per year per pullet. These eggs sell from 35 to 60 cents a dozen. Each pullet in our laying pens thus makes us \$5.80 per year per pullet. April hatched chicks begin laying in October and lay most of their eggs from November to March. They stand ready to prove to you the claim that all breeders make for them that they are the best general purpose fowl before the public.

In conclusion let me say a few words in regards their popularity and give you a small account of their showing at America's foremost and best poultry shows. At Chicago this year they were the largest classes in the show, and this year we find them ahead of all. At Boston last year they were the largest classes in the show, the Leghorns and Orpingtons, and only 12 more Barred Rocks and just 29 more White Wyandottes than Columbians were exhibited. At Madison Square Garden there was a wonderful class, they were among the leaders in point of entries. At Cleveland, Indianapolis and scores of other first class shows, Columbian Wyandottes were among the leaders in quality and quantity. No breed can come out at such shows and make such a fine display unless the

SELECTED BREEDERS

IS NO DOUBT WHAT YOU ARE LOOKING FOR



"A Fishel White Rock. 1st Prize Cockerel Hagerstown, 1910."

Never before have we had such a choice lot of selected breeders as we have to offer you this season.

Choice Cockerels \$3, \$5, \$8, \$10, \$15 and \$20

each. Strong, vigorous, farm-reared birds with that "*Best in the World*" Fishel type quality stamped on every one of them. In selected females we have several thousand to select from, so know we can please you. We take pleasure in mating pens and trios for you. If you want *Utility Flocks*, we have them. Birds that will come as near producing two eggs a day as any breed on earth.

U. R. Fishel's White Plymouth Rocks

have won the leading prizes at all the leading shows in the world, therefore are conceded the "*Best in the World.*" Our last winning of every First Prize and two Grand Champion Prizes at Great Hagerstown, Md., Fair is proof as to the quality of our birds this season. Write me your wants, please.

EGGS \$10 PER FIFTEEN

U. R. FISHEL,

Box B,

HOPE, IND.

public has found in them profitableness and usefulness. Every man, woman and child who has a chicken should give this grand variety a trial. Get a pen, a trio, some eggs or baby chicks from a reputable breeder; compare them with your present flock and you, like hundreds of others, will soon become convinced that for profit, no combination is more successful than "Fenton Farms Superior Strain" of Columbian Wyandottes and the Philo System.

RIPPLEY HARDWARE CO., GRAFTON, ILL.

The constantly increasing demand season after season for up-to-date egg and day-old-chick shipping boxes has led the Rippley Hardware Company to make a specialty in this line. They have placed upon the market one of the best and most up-to-date shipping boxes ever devised. These boxes have been used by many of the leading poultrymen of the United States and the company has received many complimentary letters in regards to the same. Many of these letters are quoted and a large list of users are given in a neat little booklet issued by this firm; a copy may be had by addressing Rippley Hardware Company, Box P., W. Grafton, Ill.

ANCONA CLUB MEETING

The Annual Meeting at the Hollenden Hotel was called to order by President Sheppard. The Secretary being absent, Robert A. Tierney was appointed Acting Secretary.

A large number of active and enthusiastic members were present, the membership having more than doubled in the past year.

The exhibit of Anconas was conspicuous in the big Cleveland show, the entry being very large and all classes well filled. The quality of the birds demonstrated what a grand improvement has taken place in this handsome and profitable breed in the past few years.

Vice-President Beebe, of Connecticut, was on hand, and as usual had some fine birds at the show.

A communication was received from Rev. W. Bockstahler, expressing his regret for being unable to attend the meeting, and his belief in a successful future for Anconas.

The report of the Annual Meeting in 1910, as reported in the Year Book, was read and approved.

The report of the Revision Committee on the Standard for ANCONAS was received. The report was adopted as it appears in the 1910 Year Book with the exception of the plumage of the female, which was amended to read as follows: "The plumage of the female has the same description as for the male, but the gloss of the plumage need not be as pronounced as the male."

The following Officers were elected for the ensuing year

President, H. Cecil Sheppard, Berea, Ohio; vice-pres. Dr. Guy Blencoe, Alma Center, Wis.; 2nd vice-pres. B. C. Neely, Denver, Colo.; 3rd vice-pres. H. E. Beebe, Waterford, Conn.; Canadian vice-pres. W. M. Coats, Vancouver, B. C.; English vice-pres. J. W. Sykes, Bury, Lanc.; Mexican vice-pres. Dr. W. H. Tye, Durango, Mex.; Cuban vice-pres. C. A. Rice, Cama, Cuba; sec'y-treas. Jno. W. McNary, Bannock, Ohio, in place of W. P. McNary; auditor, Rev. W. Bockstahler, Evansville, Ind.; counselor, Edwin A. Hiatt, attorney-at-law, Piqua, Ohio; election commissioner, E. J. Lynch, cashier Cleveland Trust Co., Painesville, Ohio. Executive Board, Albert Cleveland, Salem, N. Y., H. M.

Bedford, Strongsville, Ohio, Capt. F. M. Munger, Santa Rosa, Cal.

The President was requested to convey to W. P. McNary, the retiring Secretary-Treasurer, the thanks of the Club for the faithful and efficient services rendered.

Sincerely yours for Anconas,
JNO. W. McNARY,
Sec'y-Treas.

HOUDAN CLUB MEETING

The American Houdan Club held its annual meeting at the Boston Show, Jan. 12th, 1911. The report of the secretary-treasurer was read, and showed that the club was in a prosperous condition. Houdan breeders generally, are taking more interest in the Club, the membership at the annual meeting being 126, and on February 1st. the membership had grown to 137.

The club work for 1911 was discussed at the meeting, and it was decided to make this year a banner one for the Houdan, and for the club. Special ribbons will be offered at practically every show where we have members, and club cups at the larger, and more important shows.

The results of the mail vote for the election of officers was reported as follows:—President, John T. Heizer, Columbus, Ohio; vice-pres. Dr. G. W. Taylor, Orleans, Ind.; sec'y-treas. Jas. Abernethy, West Pembroke, Maine. Executive Committee, C. E. Arnold, Babylon, L. I., N. Y., Scott A. Clark, Sullivan, Ohio, J. Emlen Smith, Philadelphia, Pa., D. P. Shove, Fall River, Mass., A. H. Weisberg, Nevada, Mo.

All breeders of the Houdan are requested to write to the secretary for particulars regarding the club and its work. The Club Catalog will be mailed on receipt of six cents in stamps.

Jas. Abernethy,
Sec'y-Treas.,
West Pembroke, Maine.

Rudy's "Perfection" White Wyandottes

"I Never Dreamed of there being Such Perfect Wyandottes"

Above remark was made by a prominent Eastern fancier at Chicago Show

Our display of 20 birds at Chicago was the sensation of the year

P A S T

OUR winning at such shows as Chicago, Kansas City, Peoria, Illinois State Fair, Tennessee State Fair have never been equalled. Out of a possible 25 firsts at these shows we have won 21. Such a record means TOP NOTCH QUALITY. Our famous cock bird "Perfection" won 14 firsts with never a defeat, and from him our flock is descended. "Blood will tell."

Our new art catalogue is absolutely the best ever gotten out by a White Wyandotte breeder. It describes our plant and explains how we condition our birds for the show room. Send ten cents, it is worth dollars to you.

F U T U R E

"Perfection, Jr.", the son of the greatest cock bird ever raised, heads our best pen. Full and half brothers of his head the rest. We never had as much "Perfection" quality in our yards as we have this year, having had 1,500 to select from. That means that our customers will get eggs that will hatch them quality fit for the greatest shows in the world. We are here to stay—our plant is built to stay, and we are treating our customers so they will stay with us.

T R Y U S

GEO. H. RUDY,

Box R,

MATTOON, ILL.

CURRENT POULTRY NEWS

W. B. ATHERTON

Everyone hereabouts seems to be talking about the Boston Show and its influence must surely be far reaching, for a letter received from a party many miles from "The Hub", states that people who are not particularly interested in shows and fancy stock are discussing the big show as never before. Another party told us that people seem to be going crazy and on nearly every suburban train you can hear the peeps of "day old chicks."

The breeders who follow the fall fairs are busy with their birds and there is likely to be warm competition next autumn. The fall fixture that attracts the most attention in New England is the popular Brockton Fair and the entries are increasing every year. The poultry department of this fair is a splendid example of what up-to-date methods can accomplish. We remember when exhibitors were allowed to show birds in their own coops and often they were piled up nearly to the top of the building. Prizes were offered in pairs and there were many old fogy ways. When this department fell into the hands of Messrs. Rogers and Packard the change began and from that time modern ways have been introduced until at the present time everything is up-to-date and it is run on practically the lines of the winter shows. It has increased so that a new building was constructed a few years ago, which together with the old quarters was equipped with up-to-date coops, but in spite of this additional space the entries have increased so that the fair management have decided to roof over the space between the two buildings, which will give about 7000 square feet more of floor space. This will be none too much the way entries have increased of late years.

When I met the honorable gentleman from Orr's Mills at the New York Show, I noticed he was not so "cocky" as usually and wondered why. Now it seems that the quiet George Eastman was sawing wood all the time and his club gobbled up D. Lincoln and his pet Columbian Wyandotte organization a la "Jonah and the whale." It was a slick business well engineered and now the Columbian Wyandotte can receive that attention that it deserves. Was the game really worth the powder? Hardly! for it must have stirred up some bad blood, and we do not think the breed is benefited by that sort of advertising.

In looking over the February issue of the *American Poultry Journal*, we were somewhat surprised to run across two reports of the New York Show and to find such a great difference in the description, especially on the Buff Plymouth Rock class, one by Dr. Prince T. Woods, the managing editor, and the other by Mr. H. P. Schwab, one of the judges, but not on the Buff Rock class. Here they are:

"Buff Plymouth Rocks came out good and strong 107 to 93 last year. There were some good fine colored birds in this class, but there was a lot of kicking over the awards. We would like to see the winners all photographed in a row, in profile. They certainly would show that the judge favored a great diversity of types. There were some reconsiderations of judgment in this class and more might have been made with justice to the birds. "The three best hens" failed to get the blue, but, in spite of all criticism, there were some fine birds wearing ribbons."—By Dr. Woods.

"This was one of the beauty and quality classes of the show. The general shape and rich color of this class was a feature. 106 birds. Cocks—First, a grand, large fellow of best possible quality; strong eyes, good head and excellent type. Second—A choice favorite, close up, and well shown. Third, fourth and fifth, all notable birds, color of the best and well placed. Hens—There was but little to choose between the first five. All had type and rich, clean color, grand heads, and were well shown. This class was hard to pick, as such general quality is seldom seen. Cockerels—First, a rare, rich colored bird, fully matured and shown at his best form; a great winner. Second had all trimmings and stood up strong in every quality. Third—Very neat, nice head. Fourth—Will make a great one, form exquisite; extra eyes and head points; stands well. Pullets—Same as in hens—all winners very close and of best quality; type and color the feature. Pens—In first and second the master hand was seen. The man that can produce and mate two such pens is a veritable wizard. Our hats are off to John W. Poley. Third—A very neat one, and so good we would not criticize it; other pens well shown and as a rule at their best."—By Mr. Schwab.

We are not much on preaching sermons, but what must the reader who may desire to purchase birds think when he reads these reports? We know that there are quite a num-

ber of breeders who cannot visit the shows that desire to purchase a bird or two with the hope of improving their stock and look to the show reports for information. Here is a case

The "Breeders" Incubator

The best of all. Send for catalog.
THE "BREEDERS" INCUBATOR MFG. CO.
NORRISTOWN, PENNA.

THE WORLD'S BEST TRAP-NEST

The "Ideal" Shows Which Hen Laid the Egg

Practical for you or your money back. Plans, Traps, Bands, Record Sheets. Write today for prices and proof

F. O. WELLCOME

Box W,

Yarmouth, Maine

10,000 SEEDS 10c.

We want you to try our Prize Seeds this year and have selected 50 best varieties and put up 10,000 seeds especially to grow Prize Vegetables and Flowers. They will produce more than \$25. worth of Vegetables and 10 bushels of Flowers.

Seeds	Cabbage	3 Best Varieties	3 pkts.
2,600	Lettuce	4 "	4 "
800	Onion	2 "	2 "
1,000	Radish	4 "	4 "
300	Tomato	3 "	3 "
2,000	Turnip	4 "	4 "
2,500	Flowers	30 Grand Flowering Varieties	

In all 10,000 Seeds, and our new Seed Book with a 10c Credit Check good for 10c selection, post paid, 10c.
FAIRVIEW SEED FARMS, Box 122, Syracuse, N. Y.

Sicilian Buttercups

Eggs for Hatching, \$3 per 15. Good birds, great layers. Order early. Supply limited.

Osborne Poultry Yards, Highland Springs, Va.

BROWN'S BUFF WYANDOTTES

Winners Wherever Shown

Large vigorous cockerels with strong under color, from heavy laying strain, for sale at living prices. Eggs from prize winners at North Adams, Providence and Springfield, \$3 and \$5 per 13. Correspondence solicited.

T. C. BROWN, R. F. D. No. 3, NORTH ADAMS, MASS.

MOUND VIEW POULTRY YARDS

Bradley Strain. Rhode Island Reds, Tompkins Strain. None but carefully selected birds used. One price to all, \$1.50 per 15, any variety. A few good Red and Rock cockerels for sale at \$1.50 to \$5.
W. U. YOUNG, Proprietor, ENON, OHIO

Poley's World's Best Buff Rocks Exclusively

The finest that years of scientific line breeding can produce. Won on each entry—only time exhibited Scranton Quality Show, January, 1911, in large class, 1st cock, 2nd hen, 1st and special cockerel, 3rd pullet, and 1st pen.

My Breeding Pens are composed of above winners and others equally as good, and skilfully mated. Eggs for hatching, \$3 and \$5 per 15.

E. M. BEYEA,

1630 Monroe Avenue,

SCRANTON, PA.

Knoolbrook White Plymouth Rocks

Winners at Madison Square Garden and Grand Central Palace, New York, 1911

STAR MATINGS FOR 1911

PEN No. 1. This pen is headed by the cock bird that was in the **First Prize Pen** at New York, December, 1910, and with him are twelve grand pullets having **Long Backs** and correct Rock Shape. Eggs, \$10 per 15.

PEN No. 2. This pen is headed by the cock bird that was in the **Second Pen** at Grand Central Palace Show, November, 1910, and was pronounced by Judge Davey as being the **Best White Rock Male in the Show**. With him are twelve pullets equally as good as those in Pen No. 1. Eggs, \$5 per 15.

PEN No. 3. The cockerel heading this pen was in **Sixth Prize Pen** at New York, December, 1910. Mated to him are twelve fine hens. Eggs, \$3 per 13.

UTILITY EGGS. From choice flocks in colony houses, \$10 per 100.

KNOLBROOK POULTRY YARDS,

HARTSDALE, N. Y.

where either the buyer or exhibitor might suffer. Should he buy one of the winners on the strength of one report he might be sadly dissatisfied, while the other report might prevent the exhibitor making a sale. Certainly both reports cannot be right and in one case or the other someone is liable to suffer. Such things are often far reaching, and the reports should be somewhere near correct for a breeder might be led to buy an inferior bird and pay big money for it on the strength of a favorable report from one prominent in the fancy.

The Worcester boys pulled off another good show last month and the entries filled both halls. It was one of the best shows ever held in that city and everything went along smoothly. Since the two factions came together the show has improved each year and promises to be up in the line with the big ones.

Worcester has lost one of its old fanciers in the death of Mr. H. A. Jones. Old timers will remember how Mr. Jones used to follow up the fairs with a carload of birds embracing about every variety from a Sebright Bantam to a White Holland Turkey. He would be on the road weeks at a time and his place was an interesting sight before and after the shows.

Rhode Island Red breeders are likely to find some strong competitors in the ranks of the Buckeyes if they don't watch out. The breeders of the latter variety are not making much noise, but are quietly working up the breed and intend to bring it more into prominence. This was noticeable at the Boston Show where a large class came out and we understand some quite good sales were made.

The high prices that first-class turkeys have brought at Thanksgiving and Christmas for several years has set many to thinking and we look for more turkey raising in New England than has been the case in many years past. Considerable interest was shown in the exhibit of a flock of turkeys at the Boston Show, raised by Miss Margaret Mahaney on a place about 20 miles from Boston. Miss Mahaney has ably demonstrated that contrary to general belief, turkey breeding can be successfully conducted in Massachusetts. From the sale of a flock numbering seventy-six young turkeys bred last year she derived a profit of nearly \$350.00.

Miss Mahaney began this work in 1907 as a means of out of doors diversion following an illness and soon became convinced that turkeys could not be successfully raised on wet land. She accordingly transferred her flock to high gravelly soil with pronounced success. She began the year 1910 with a flock of eleven hens and two gobblers. Of the hens two were purchased in New York and two in Vermont. The remaining seven were home raised. The foundation stock of her flock was laid by the purchase of a dozen Vermont eggs. One of the gobblers was the product of Vermont and the other traced to Kentucky stock.

With inadequate facilities for prop-

erly housing either the breeding hens or the young turkeys, the spring hatch resulted in about two hundred chicks. With only the expected and average mortality immediately after hatching the young flock was brought into early July in promising condition, but by reason of improper housing in small coops during one week of intense heat, the flock in two weeks time was reduced to less than one hundred. Later the number was decreased to seventy-five, but even at this rate the remaining number was disposed of at a large profit. Miss Mahaney found that green food was absolutely essential for successful turkey raising. Lettuce, dandelions, beet greens, turnip tops and clover the turkeys like. She also advises skimmed milk and bread with mixtures of ground bone and charcoal. This with the green feed constituted largely the feed for the first three or four months. The grain bill for the breeding hens and young turkeys from May to December was less than \$40.00. The food composed ground wheat, barley and oats for the young birds until four months old, when cracked corn, whole corn, mix-

ed feed and a limited amount of corn meal was substituted. The entire labor and care involved in raising this flock was performed by Miss Mahaney in addition to large household cares. She regards the work as profitable and recreative alike and a wholly practicable business for women; but she says one should not undertake it unless possessed of a considerable amount of patience. It is a particularly good employment for one who has only a few hours each day to devote to the work. It can be managed quite successfully in this manner, but like many other things, it is only perfected by means of persistent and untiring labor and much study. Miss Mahaney does not believe in the so-called blackhead and says it is a cold followed by diarrhoea, which gives the head that appearance.

The turkeys she had on exhibition at the Boston Show were sold at auction Friday of that week, one gobbler bringing \$19.50, the other \$11.00, and the hens sold for \$8.00 each.

Boston is out good and strong for the annual meeting of the American Poultry Association. The Massachu-

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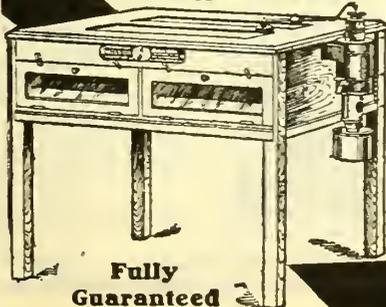
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sets State Branch has taken up the matter and appointed a committee to work for the meeting. It is so many years since the annual meeting has been held in the Bay State and the fact that there are so many points of interest about Boston, together with the assurance that everything will be done to make things pleasant for all who attend, strengthens the belief that a large majority of the members will vote for Boston as the meeting place. Another thing, President Bryant, who has devoted so much time and done so much for the organization during his term of office, we know, would regard it as a great personal compliment if the annual meeting should come to this city, as he retires from office. One thing, win or lose, only honorable methods will be employed to bring this about.

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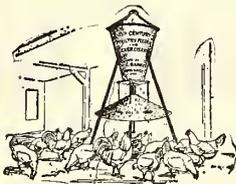
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Lester Tomkin's Strain Direct
 We breed what we call heavy laying utility
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 "ARISTOCRAT" strain of S. C. White, Buff and Black are
 America's greatest laying and exhibition strain.
 They contain the highest priced blood of England's
 and America's leading prize winning strains,
 namely Kellerstrass, Cook, Duke of Kent, im-
 ported Bell and Wilkerson. Truly the "Aristocrat"
 is the strain by which other Orpingtons are judged.
 Like sterling or silver, the Aristocrats are a
 guaranty of quality. My matings have never
 been better, every pen headed by a prize winner
 of such shows as Chicago, Buffalo, Scranton,
 Williamsport, Easton, Sunbury, etc. Eggs \$2 per
 sitting up. Orders booked for Baby Chicks.
 Circular and mating list free.
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 Broody Biddies
**Parks Cluck and
 Fattening Coop**
 Solves the perplexing
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 Breeders and Exhibitors of S. C. White
 Leghorns. Winner of the highest honors
 Paterson, Orange and Red Bank, N. J.,
 1909-1910. Eggs for hatching from my prize winners, also eggs from my well mated
 utility pens. Day-Old-Chicks after April 15th. Write for Mating list.
H. A. WEBSTER, Owner, HANS ROEHR, Supt. FRENEAU, N. J.

WHITE WYANDOTTES THAT WIN AND LAY
 High-class, pedigreed exhibition and utility stock. Raised in open-front coops with free
 mountain range. Healthy, hardy and vigorous. Splendid winter layers. Nineteen birds
 entered at Pittsburg, Pa., Elkins, W. Va., and Front Royal, Va., in 1910, won 7 first prizes,
 5 seconds, 4 thirds, 3 fourths, 1 fifth and four specials. Every bird shown won a regular prize.
 Exhibition birds and breeding stock for sale. Eggs, \$1.50 and \$3.00 per 15.

FRANK K. MARVIN, Box W., PARSONS, W. VA.
EGGS ELM BROOK REDS EGGS
 Won the blue at the Great Brockton Fair. Largest
 show in the East except Boston.
 I have reserved for breeding the best of over 800 birds and am now ready to supply eggs from
 matings that are second to none. All stock is farm raised. Bred for color, shape and eggs.
 Write for mating list and prices.
ELM BROOK FARM, R. W. Melendy, SO. EASTON, MASS.

ROSE COMB BROWN LEGHORNS
 Choice Pullet Bred Cockerels, \$5.00 each
THE GALE POULTRY PLACE, 55 Center Street, NEW HAVEN, CONN.

PRACTICAL POULTRY POINTERS

WM. A. WOLFORD

The breeding season is once more upon us, thousands of chicks are being hatched daily. Your success in raising these depends to a large degree to what extent you profit by last season's mistakes.

There are numerous new systems of poultry raising being advertised in the poultry press. Much can be said for and against them. One appliance in particular that is advocated by these systems is the fireless brooder, and it is deserving of a trial by every poultry raiser.

One of the most successful show seasons in the history of Standard bred poultry has just closed. Many readers of these notes have participated in this success. It is now up to you, if your show winnings, are to contribute to your season's business. Don't lay down, advertise, unless you do this the public will forget that such a breeder ever existed.

In setting up and operating a new incubator you should follow the manufacturer's directions explicitly. It is he who built the machine and has experimented to see what methods will bring the highest degree of success. After running several hatches and becoming thoroughly familiar with the machine and the conditions under which you are operating, some variations may suggest themselves.

Brains as well as feed are an absolute necessity in the poultry business; a shortage of either means failure.

Fresh air is essential to profitable poultry keeping, therefore, see that your houses are well ventilated. There

are many ways of securing proper ventilation. The simplest and most satisfactory is the open or curtain front houses.

Now that the hatching season is once more at hand do not become over enthusiastic and hatch more chicks than you can properly care for. Remember that over crowding is one of the causes of failure, you might better raise a few less and have them vigorous and well developed than to have double the amount of runts; a stunted chick is never a profit payer.

Did you thoroughly disinfect your incubators and brooders before using them again? Better do it, it pays.

From our own personal experience we think it advisable to dip or spray all eggs with a good disinfectant before placing them in the incubator. The writer followed this practice last season and never had a better lot of chicks and not a pasty one all season. For this purpose we know of nothing better than some of the preparations advertised in the columns of AMERICAN POULTRY WORLD.

We should be pleased to have our readers give the above a thorough trial during the coming season and report results. Give us a full account of the experiment, also the preparation used.

A correspondent says it has been suggested to him that if artificial incubating and brooding were practised continuously for a period of twelve years, that it will entirely eradicate the broody tendency of our fowls. We have not as yet received a report

from anyone who has conducted this experiment with this end in view. We can recollect, however, of having heard the statement made by different persons from time to time. This experiment will probably work out beautifully with the non-sitting varieties, but when it comes to the varieties that dame nature has made it one of their characteristics to become broody at intervals depending upon surrounding conditions and care, we do not think that the use of incubators for a century would make any difference in this tendency.

Even if you use incubators exclusively and never give "biddy" the opportunity of raising a brood of chicks, there will be times when she will insist upon the privilege bestowed upon her by nature and it will take a great deal of persuasion to get her to settle down to business and make regular contributions to the egg basket again. The older the fowl the more often will she become broody. It is a hereditary characteristic and no matter what system you use in hatching it will be passed on to the next generation indefinitely.

The following clipping was furnished by one of our readers in Walla Walla, Washington. This illustrates what a well cared for flock of hens can be made to do. Many of our farmers can learn a valuable lesson from this, as on most farms in the east the poultry are least cared for of the farm's live stock. In many instances they are allowed to shift for themselves:

"200 HENS RUN BIG RANCH"

Walla Walla, Wash., Jan. 17.—(Special)—All the expenses of a 400-acre wheat ranch in the Walla Walla Valley are being paid by 200 hens, according to the statement of Frank Breed, one of the best-known poultry-

Keeler's White Wyandottes



Chief Winamac, Jr., Greatest of White Wyandotte Sires

The strain that has established more successful breeders than any other strain. They combine size, shape, style, color, headpoints and power of reproduction, being the best blood lines in existence today. They are known as the

World's Greatest Strain

My Twelve breeding pens for 1911 contain grand birds, every bird a show bird. Bred right and mated right to produce the winners for next showseason. 1911 Catalogue of America's finest White Wyandottes describing the 12 best matings of White Wyandottes in America free for the asking. Book your egg orders now so you are sure to get them when you want them.

EGGS

Eggs, \$5 per 15, \$9 per 30, \$14 per 50, \$25 per 100. Special matings, \$10 and \$15 per 15.



Nana, Value \$1000.00

CHAS. V. KEELER,

Box A,

WINAMAC, INDIANA

raisers of the valley, at the luncheon given the poultry show exhibitors today.

After paying for all the groceries, fuel, meat and even for the threshing of 200 acres of wheat last year, the chickens had a balance of \$82.60 to their credit at a grocery store January 1. They are pure bred poultry and are the property of C. C. Parker, who farms the Davies ranch on Dry Creek."

The increased number of successful poultry plants that are to be noted year after year, is due to the passing of the "ship shod" methods that were in vogue a few years ago. A different class of people are becoming interested in the poultry industry. Men who have built up a successful mercantile or manufacturing business are taking up poultry raising and by applying methods that have made former ventures a success are making a grand success of this line. It is just as necessary to keep books with your poultry as it is in any other line.

Many authorities advise the liberal use of slacked lime in the poultry house and pens. Lime may be a good disinfectant and deodorant, but these qualities are more than overcome by its irritating nature, and we do not know of any more cruel treatment to subject fowls to than to scatter air slacked lime in their quarters.

THE LOS ANGELES SHOW By Eugene Sites

There were over 1600 entries, more than 2000 birds, mostly Leghorns, Plymouth Rocks, Orpingtons and Bantams. This was by far the largest and best quality show ever held in the Golden State. The writer handled all the Rocks and Reds and the Cockerel classes of all varieties.

Barred Rocks numbering about 100 entries, winners in each class far above the average. White Rocks somewhat larger classes, first cockerel, first and second pullet, first, second and third hens, first and second pens extra good. Buffs light class, fairly good.

Rhode Island Reds, 150 Single Combs in open classes, winners all very strong in color, some of the very best specimens in color were too low on legs. Rose Combs a very light class and unless something is done to enliven the interest in them, they will soon be forgotten here. No need for a low comb in this country.

Orpingtons, Blacks and Whites, a superb lot. First Black cockerel a beauty. First cockerel in Whites, as well as first pen cockerel of same variety about the best I have ever seen. I notice very few of the whites have white in ear lobes, while a great many of the Garden entries were more or less tinged with white in lobes. There is one serious fault with so many recent importations, especially in the Buff, namely, they have too much fluff and Cochins shape. Orpington breeders must cull out this type or ruin the breed.

Leghorns large classes of S. C. White, Brown and Buff. First white cockerel strictly of modern type; others very good. Of course, the warm climate has a serious effect on plumage, then, too, the people here are slow to clean up and groom their birds like we do in the East.

There was a very fine exhibit of Single Comb Black Minorcas and not

one poor specimen in a nice class of Andalusians.

The winning cockerel and pullet in Cornish Indians were absolutely the best I have ever seen—just imported from England—awarded pullet the cup for best pullet in show.

Bantams, all varieties, high class. The B. B. Reds were about the best lot I have seen, not excepting the Madison or Canadian National. Black Cochins and Golden Sebrights a grand lot. Another Bantam I must not forget is the Ancona gotten out by that great and only Dr. Royce, the man who manufactures a new breed while you wait. A half dozen more of his calibre would revolutionize the poultry business. The Doctor presented me with a trio, first cockerel, first and second pullet, Ancona Bantams, which I shall exhibit at the next Cleveland show. They outclass their big brothers for type. Among the features of the show were the White Indian Runners, a very nice class of good plumage and type.

Before closing I wish to say something about the officers and exhibitors that made up this great show. Never did I meet an organization that could beat them for hospitality. It seemed to me that victor and vanquished vied with one another in making my short stay one of long remembrance.

NATURAL HEN INCUBATOR

Man can improve on Nature, but to do so they must work with Nature. Nature made the hen to raise chicks and no other way can excel the natural way.

The Natural Hen Incubator is a most successful way for raising chickens because with it the hen herself does all the work and furnishes all the heat.

The Natural Hen Incubator will hatch 200 eggs using the natural hen to do the work. It costs only \$3.00 for 200 egg size. 500,000 pleased users have proved its value.

Write to the Natural Hen Incubator Company, Dept. 13, Los Angeles, California, and get their free book on this new, wonderful way to get the best results with your poultry.



FEED ONCE A WEEK AND FEED BETTER.

The Nourse No-Waste Poultry Feeder (patented) saves half the time, quarter the feed; increases health, growth, egg production and profit. Make your own for a few cents from plain, illustrated plans that we will for 25c. Give free THE N. A. NOURSE CO., P. O. BOX 100, ST. PAUL, MINNESOTA.

AT GREAT HAGERSTOWN FAIR

Our ROSE COMB REDS were very much admired and were among the winners. They come up to the Standard and are great layers. Stock and eggs for sale. Address CALVIN F. SOLT, GETTYSBURG, PA.

Frasier's Buff Rocks

Boston Show, 1910—6th Cock; 4th Hen; 1st and 3rd Cockerels; 6th Pullet and \$100 Champion Challenge Cup for Best Male. Egg Prices Reduced. For the balance of the season will sell my regular \$5 eggs for \$3 per sitting. Send for free mating list. Express paid on all orders of \$5 or over.

F. S. FRASIER, 46 Waldo St., BROCKTON, MASS.

CAPEN BROS.'

Barred Plymouth Rocks

and Rose Comb Reds always win. Winners at Boston, Charter Oak, Springfield and Madison Square Garden. 500 birds of splendid quality for sale. : : Address

Capen Bros., Bloomfield, Conn.

ORDER SHIPPING LABELS NOW



I will print you labels with design like above, size 3 1/2 x 7 inches, inserting your name and favorite breed at the following prices: 250 for \$1.25; 500 for \$2.1000 for \$3. Cash with order. Special prices on larger quantities. Send for samples.

H. D. WINTE, R. R. 1, BLISSFIELD, MICH.

SCHWAIGER'S ROSE AND SINGLE COMB REDS

Distinguished themselves at the Big Utica Show winning 1st pen, Single Combs; 1st pullet, 1st and 2nd pen, Rose Combs. Best display and other prizes and specials. We also breed and sell Golden, Silver and Swinhoe Pheasants and Japanese Silkies. We have the quality. George W. Tracey declared our first R. C. Pullet, one of the best of the season. Our stock is all farm raised. Plenty of fine stock for sale, Eggs from exhibition matings, \$3 per sitting, \$50 per hundred. Satisfaction guaranteed.

J. A. SCHWAIGER,

Member R. I. R. Club,

CLINTON, N. Y.

Wheeler's Single Comb White Leghorns

If : : : : : who produces winners

☞ For years Wheeler's White Leghorns have carried off highest honors at America's leading shows, including Boston, Baltimore and Buffalo.

☞ They have the correct shape and color, excellent combs and rich yellow legs demanded by the new Standard.

☞ I can furnish you with winners in Cocks, Hens, Pullets and Exhibition Pens. I have hundreds to select from. Write me where you are going to show and what you are willing to pay, and I will tell you what I can do for you.

☞ I also have for sale best lot of breeding Cockerels, Yearling Cock Birds and Yearling Hens that I have ever offered. Also a limited number of choice Pullets from \$3 up.

☞ If you want the best birds and desire to make money, Wheeler's White Leghorns fill the bill. Description of birds and full particulars furnished on request.

G. L. WHEELER,

Route W,

PENN YAN, N. Y.

THE LEXINGTON SHOW

The Kentucky State Poultry Association held its annual show at Lexington, Ky., January 17 to 21. About twelve hundred entries were received, the quality of the birds being first-class. The show was well managed, President Harp and Secretary Smith making a very strong team, one that worked exceedingly well in harness. There was a very good attendance of fanciers and others, so the cash balance was on the right side of the ledger.

Orpingtons were very strongly represented with over one hundred Buffs in line, and nearly as many Whites. Among the latter was a beautiful pen exhibited by Louis Lee Haggin for exhibition only. This pen was headed by the first prize Madison Square Garden cock of 1910, with four superb females as mates. The quality of the winning Buffs, White and Black Orpingtons was equal to that seen at the best Eastern shows.

Rhode Island Reds were also conspicuous by the excellent quality of the winners, color and type being of the best.

Plymouth Rocks made an excellent showing, especially the Barred classes, the first cock, hen, cockerel and pullet being of the very best brand in color and barring, in fact, we have not handled a better hen than the winner of the blue ribbon in many months, this bird winning the sweep-stake prize for best bird in the show. Some rarely good Whites and a few nice Buffs completed the Rock classes.

Wyandottes were strong in Whites and Buffs, the quality of the winners being strictly first-class.

Light Brahas made a surprisingly good showing in numbers and quality, the first cockerel winning the American Poultry Association gold medal for best cockerel.

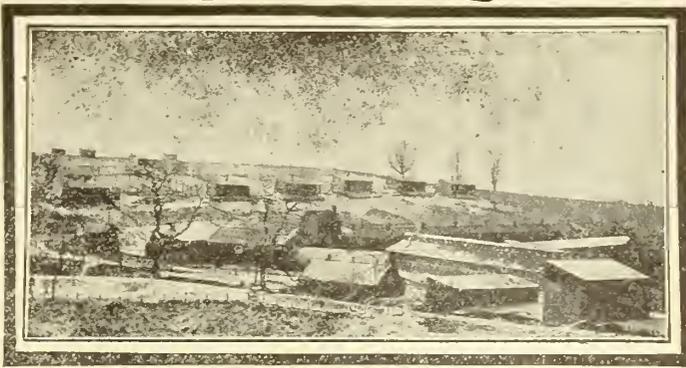
Leghorns were strong in Whites and single Combed Browns, color and type in both being first-class.

Some excellent Black Minorcas were also exhibited. Other classes small with quality averaging from fair to good in the Game Bantams and quite high in 16 Ornamental Bantams.

The next state show will be held at Frankfort, Ky., in January, 1912.

The Close-To-Nature Co., Colfax, Iowa, manufacturers of incubators, brooders, hovers, etc., have been quick to supply the demand for a contrivance that will sprout grain. Poultrymen have discovered that sprouted oats are readily eaten by poultry and is one of the best green foods that can be given them. We believe every poultryman will be interested in seeing a picture of this grain sprouter, therefore note their ad, on another page and write immediately asking them to send their folder, illustrating and describing their invention. At the same time you can ask for their printed matter relating to their incubators, brooders, hovers, etc., which they will send free to readers of A. P. W.

Lyman H. Hill, Sta. 2, Jackson, Mich., breeder of the "Wolverine" strain of White Rocks, mated up his breeding pens earlier than usual in order to have well fertilized, early eggs, and that he may secure plenty of room for the young stock, he is making some special prices on all surplus stock. His mating list for this year is ready for mailing and will be sent on receipt of ten cents in stamps or silver to cover the cost of mailing. See his ad elsewhere in this issue, and write him for any further information. The quality of his stock is well known and those who secure some of these bargain birds will be fortunate indeed.



AFTON FARM

Quality Poultry. The kind that insures poultry success

Eggs for Hatching

Day-old Chicks Baby Ducklings

Heavy Winter Layers, and Meaty Birds. 32 Years' Poultry Success

OUR stock is not intended to appeal to those who want the cheapest in price, regardless of quality. They DO appeal to those who want honest, dependable breeders of quality—fowls in which are combined handsome appearance and unusual working ability. Afton Farm prices are the lowest we can consistently make them for eggs and poultry of the very highest possible quality.

MAMMOTH IMPERIAL PEKIN DUCKS

Of unusual size, quick growers and heavy layers. The demand for young ducklings is growing. This is a safe, profitable branch of the poultry industry. Our ducks will win for you.

SINGLE COMB WHITE LEGHORNS

Heavy layers of large white eggs which command highest prices in leading markets. Get some of these winter egg producers.

BARRED PLYMOUTH ROCKS

The old standby as a general purpose fowl; good layers, summer and winter; make fine big broilers, roasters or capons.

CORNISH INDIAN GAMES

The supreme table fowl. Triangular-shaped body, large amount of breast meat, a competitor of the turkey.

WHITE WYANDOTTES

Extra large and blocky birds that lay about 200 fine brown eggs every year—good broilers, roasters and capons.

Write for Prices - Prompt Deliveries

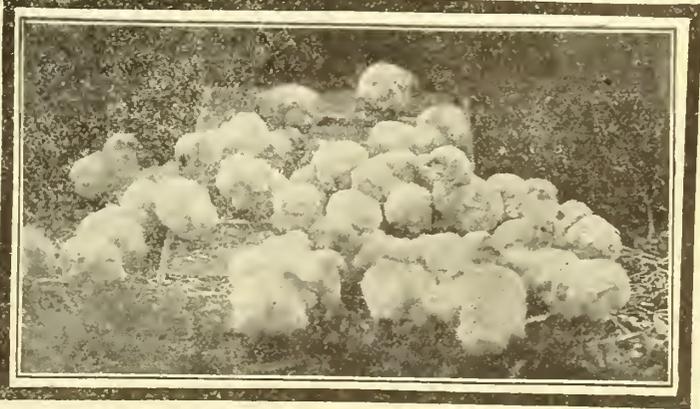
OUR FREE BOOKLET which gives full particulars, sent on request.

AFTON FARM

S. B. & E. W. TWINING

Box D 53

YARDLEY, PA.



Her many friends and acquaintances will regret to learn of the death of Mrs. Geo. H. Northrup, wife of the former prominent Black Minorca breeder. Mrs. Northrup died in a hospital at Albany, N. Y., where she had been taken for an operation. She had a wide circle of acquaintances among poultry men and women, as she had attended leading shows and several of the annual meetings of the American Poultry Association in company with her husband. Besides her husband, Mrs. Northrup leaves two sons and a daughter.

PITTSBURG SHOW.

G. C. Sutch, the efficient and hard working secretary of the Pittsburgh Fanciers Club, writes that the entries for the Pittsburgh Show, held February 20-25 inclusive, were larger than ever and included the entries from many leading exhibitors and breeders.

In quality and number of exhibits, in attendance and everything that goes to make up a successful show, Pittsburgh Show must be classed with such exhibitions as are held at Buffalo, Cleveland, Philadelphia and Baltimore. It is the last big show of the season and a large number of representative breeders annually make it "a round up" in competing for show room honors. A report of this show will be found in the April issue of A. P. W.

OUR CONGRATULATIONS

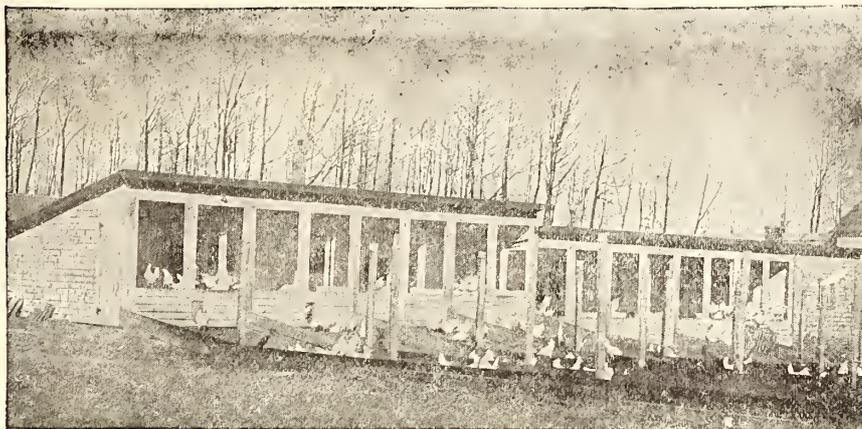
The many friends of George Rudy of Mattoon, Ill., will be pleased to learn of his marriage to Miss Elizabeth Jane Hunter of Terre Haute, Ind. Mr. and Mrs. Rudy were married February 5th, at the home of the bride. After a trip east they will return to their home at Mattoon, Ill.

We extend hearty congratulations to the happy bride and groom.

WHITE WYANDOTTE YEAR BOOK

The National White Wyandotte Club Year Book for 1911, is somewhat different from books of this kind, by appearing before the year of issue has fairly gotten underway. This is a good omen, and speaks well

for the secretary of the club and the officers and members who assisted him in getting out the book in "jig-time." The book is nicely printed and beautifully illustrated with halftone plates of noted winning White Wyandottes. The pictures of the officers are also most interesting, especially those of President Delano and Secretary Demberger, both being rather daintily fine looking young men. This most powerful specialty club is in a healthy and prosperous condition, thanks to the efforts of past and present officials, and judging by the way the new secretary has taken to his work, is destined to become more powerful and influential than ever. A copy of the catalogue can be obtained by addressing L. J. Demberger, Secretary, Stewartsville, Ind.



Type of open front breeding house used for S. C. White Leghorns at Mount Pleasant Farm, Mt. Pocono, Pa. This farm is located 2,000 feet above sea level, and the climate is extremely cold, yet the open-front house is very successful, Mt. Pleasant Leghorns being hardy and vigorous, and last but most important, they are prolific egg producers.

BELIEVES IN THEM

Breeders who are interested in Buff Rocks should not fail to send to Linfield Poultry Farm for their handsome catalogue on Buff Rocks. Angelo J. Meyers, proprietor of this farm, is to be congratulated on his enterprise in publishing such an attractive and valuable piece of advertising matter. Mr. Meyers believes firmly in the value of the Buff Rock as a variety for the utility breeder whether he is making breeding of poultry an exclusive business, or keeping it as a side line to produce poultry and eggs for his own table use. Mr. Meyers made a master-stroke in buying the entire flock and good will of John W. Poley's Buff Rocks, and clinched the deal when he secured Mr. Poley himself as manager. A copy of the catalogue containing the history of Poley's World's Best Buff Rocks and their triumphs at leading shows east and west can be had on request.

REFUSED \$2,000.00

Lester Tompkins the well known breeder of Rhode Island Reds, informs us that he has refused an offer of \$2,000.00 for his champion R. C. Rhode Island Red cock bird "Surprise", winner of 1st prize as cock at the Boston, 1911, Show. Under date of January 23, Mr. Tompkins writes as follows:

"I have just refused an offer today of \$2000.00 for "Surprise," first prize R. C. Rhode Island Red cock at Boston, 1911. "Surprise" is a brother of the great "Sensation" that died during the last New York Show. As a cockerel he won 2nd at Madison Square Garden, 1910, and shape special, in competition with Sensation, making him the best shaped R. C. Rhode Island Red at that show. The offer I have just refused stands good until March 1st, but I have decided not to sell this bird. I have selected a pen of my very best females and will sell a limited number of eggs at \$4.00 each or \$50.00 per sitting."

Persons on the outside, those who are not familiar with the enormous demand for the very best quality in Standard bred poultry, stock and eggs and the prices that are readily obtainable, will probably consider it ridiculous that Mr. Tompkins should see fit to refuse \$2,000.00 in cash for a "red rooster" weighing less than 10 pounds,

—and Mr. Tompkins is not what can be called a wealthy man either. On the other hand he is a shrewd, hard headed, Yankee who is making money by breeding and producing some mighty fine Rhode Island Reds.

Mr. Tompkins has been breeding poultry since boyhood, a matter of 35 or 40 years, and consequently should be in a position to know whether it would be to his advantage to keep this bird for breeding purposes or sell him for a sum that would pay for a herd of 25 milch cows.

SUCCESSFUL BREEDERS

Grove Hill Poultry Yards, Waltham, Mass., Mr. Wm. Ellery Bright, Proprietor, and Mr. A. C. Smith, Supt., have bred and exhibited Banded Plymouth Rocks continuously during the last 30 years, and birds of their production have won highest awards in the leading shows of the United States and Canada from the Atlantic to the Pacific. Mr. Bright's birds have won color special on male three

years in succession at Madison Square Garden. Birds of his breeding also have won the color special on male at Boston and Chicago two years in succession. While they have been establishing a remarkable record in males, their females have also done exceptionally well, as they won 2nd on pullet at Madison Square Garden at three of the last four shows, one year winning both second and third. In pens, they have also won a high place every year, and two years they won first.

Supt. Smith informs us that their breeding pens for this season will be stronger and better than ever before. All yards mated for the production of exhibition males will be headed by Madison Square Garden, N. Y. winners, including 1st prize cockerel, color special and champion male 1910. 1st prize cock and shape special, 2nd prize cockerel, 7th prize cockerel, 8th prize cock at the same show. Eggs from these prize matings will be sold at \$10.00 per 15; \$25.00 for 45, and \$50.00 per 100,—and we should say that they are well worth it.

Mr. Bright also breeds single comb Brown Leghorns and his strain is second to none in the country. Other strains have come and gone, made records for a time and then dropped out of sight as it were, but the exceptional values possessed by Grove Hill Poultry Yard's Strain of Brown Leghorns have been maintained year after year, as is proven by their winnings at the leading shows in America. Our readers who are interested in either of these two popular varieties should not fail to send for further information and their mating list.

COLUMBIAN WYANDOTTES

The general excellent quality shown in Columbian Wyandottes at the leading exhibitions during the two past show seasons is evidence of what intelligent and careful breeding will do for a variety. To those who do not know, let us say that

Columbian Wyandottes should be identical in color of plumage with Light Brahmas and identical in shape with all other Wyandottes.

Columbian Wyandottes were admitted to the Standard of Perfection at the annual meeting of the American Poultry Association held at Cincinnati, Ohio, January, 1906. Prior to that time they had been bred and exhibited for 8 or 10 years. At the Boston Poultry Show, January 11-15, 1910, no less than 223 Columbians were shown. This season at Chicago in December, 1910, 203 Columbian Wyandottes were shown. These large exhibits of what might really be termed a new variety is a substantial indication of the widespread interest that is being taken in it.

There are several reasons for this, including the handsome appearance of the variety, their untidy value as egg producers and table poultry, and last but not least, the standing, ability and enterprise of the men who are breeding them. These men include such well known poultry breeders as J. P. Keating, A. C. Hawkins, Walter Fenton, D. Lincoln Orr, August D.

Arnold, Harry Yates of Hillhurst Farm, Harry B. Miller and others.

In the foregoing paragraph we mentioned the number of birds that were shown at this year's Chicago Show and wish to take this opportunity of referring to the quality shown in this variety both at that show and



FIRST PRIZE COLUMBIAN WYANDOTTE COCKEREL
MADISON SQUARE GARDEN N. Y. DEC. 1910
Bred And Owned By
D. LINCOLN ORR ORRS MILLS N.Y.

The above illustration gives a most excellent idea of the first prize Columbian Wyandotte cockerel at New York. In head, comb, shape and style, this bird is superior to Mr. Orr's first prize winner at New York, 1909, and compares favorably with the latter in color markings.—J. H. Drevenstedt.

ROSE'S BLACK ORPINGTONS



FIRST PRIZE S. C. BLACK ORPINGTON HEN
MADISON SQUARE GARDEN SHOW DEC. 1910
HUGH A. ROSE WELAND ONT.

Win at Madison Square Garden and Boston, 1910-1911 in the strongest and best class of Blacks ever shown, my birds win highest awards at America's greatest shows

Madison Square Garden, New York, 1910-1911

First Hen, third Cockerel.

Boston, 1911

First Hen, second Cockerel and fourth Pullet, Gold Medal for Best Hen, and Special for Best Shape Female. My winning hens were the sensation at both shows.

Stock For Sale

Deep, wide, low, massive with lustrous, beetle, green sheen.

Eggs: From choicest matings \$10.00 per sitting of 13 straight. Orders should be booked now.

HUGH A. ROSE,

WELAND, ONTARIO

Madison Square Garden a month later. There were plenty of specimens of this variety that were equal in color to the best Light Brahmans, and it is an open question whether or not, that taken as a whole, Columbian Wyandotte females at least do not average as strong in color as Light Brahma females. In shape too, there has been a decided improvement, the winning females at both Chicago and New York being quite up to the Standard requirements. Breeders of this variety are to be congratulated on the progress that they have made in improving this worthy breed and bringing it to the front.

date the indebtedness."—Poultry Success for February.



COLUMBIAN WYANDOTTE

One of the winners at Scranton, Pa., 1911, in a class of 21. This bird is fine in shape, but was snapped in this position to show one of the best wings ever produced on a Columbian Wyandotte; fine in surface color and very strong in hackle.

In the foregoing, Editor Trafford evidently has succeeded in getting his wires crossed, not an unusual thing for him to do. In his above comments his fiction is not in accordance with the facts, to wit: the A. P. A. was not compelled to borrow any money to complete the work for the following very good reasons: Treasurer D. A. Nichols had \$6432.00 in the bank which he received from the original deposit made by the late T. E. Orr in a Pittsburg Bank. In addition to this sum he received the monies resulting from the sale of upwards of 15,000 Standards that have been sold to date, besides a husky bunch of money in membership fees, from Secretary Campbell. As the first edition of the Standard was 25,000 copies, any little school boy will readily see that the treasury of the American Poultry Association had not only money enough to pay for the printing of the Standards, including the artists' bills but a very tidy surplus besides. The sale of 15,000 Standards within 5 weeks is indicative of a very healthy demand and heavy sale. These facts are directly the opposite of Editor Trafford's statements.

The American Poultry Association stand to be the losers because of the delay in getting out the new Standard in time to be used during the show season of 1910-1911, which is now practically over.

The sale of the new Standard will naturally be slow from now on until the approach of the show season of 1911-12.

We understand the association has had to borrow a large sum of money to complete the work, and naturally enough interest will have to be paid on whatever sum has been borrowed until Standards enough can be sold to liqui-

FOR THE SEASON 1911

I shall mate up fifteen Exhibition Matings, all headed by Prize Winning Males and containing all my Exhibition Females

THE FOLLOWING MALES WILL HEAD THESE PENS

- Pen 1—Triumph 2, first New York State Cock, 1909.
- Pen 2—Victor, second New York State Fair Cock, 1909.
- Pen 3—Prince Regal, first Ontario Cockerel, 1909.
- Pen 4—Regal 5, first New York State Fair Cock, 1909.
- Pen 5—White Prince, first New York State Fair Cock, '09.
- Pen 6—Regal 7, first New York State Fair Cockerel, 1910.
- Pen 7—Jack Frost, first New York State Fair Cockerel, '10.
- Pen 8—Crusader 3, winner at New York State Fair and Boston, 1910.
- Pen 9—Regal 6, first Cockerel at New York State Fair and the Ontario, 1908.

- Pen 10—Young Champion, first Cockerel Madison Square Garden, 1910.
- Pen 11—Crusader 4, first Pen Cockerel New York State Fair, 1909.
- Pen 12—Best Son, second Pen Cockerel New York State Fair, 1909.
- Pen 13—Silver King, first Pen Cock New York State Fair, 1910.
- Pen 14—Fashion Plate, son of Regal 4, first Boston Cock.
- Pen 15—Ideal, second New York State Fair Cockerel, '10.

Prices of eggs from above pens are (as they run) \$5.00 per 15, \$9.00 per 30; \$12.00 per 45; \$24.00 per 100. Pens 5, 6, 7, 8, 9, 10, are special matings. If eggs are desired from these pens only the price is \$10.00 per 15, \$18.00 per 30; \$25.00 per 45, \$50.00 per 100. Book orders early. If you are not ready for eggs, send \$1.00 deposit on \$5.00 per setting eggs, and \$2.00 deposit on \$10.00 eggs to hold your place. Send ten cents in stamps or coin for Regal White Wyandotte Book—the finest book ever published, dealing wholly with the White Wyandotte. Regal eggs produce winners.

For years the White Wyandottes Eggs I have been sending out have been "making good." Not only have they hatched well but the chicks developed into high-class birds. This has been possible because of the fact that unlike many breeders who have a few good birds my yards contain a host of good birds. I have proved this by going to the New York State Fair on three different occasions with a string of from fifty to sixty White Wyandottes and anyone who was there will tell you I did not take a poor one. Furthermore, Regal White Wyandottes being bred in this northern climate and wintered in certain front houses are the picture of health and vigor. Why should I not be able to send out eggs that "make good." The following letters from customers prove my statements.

Lexington, Ky., Jan. 25, 1910.

Mr. John S. Martin, Pt. Dover, Can.

Dear Sir: No doubt you would like to hear of the grand success we had with the birds hatched with the eggs we purchased from you last April. At St. Louis, last December, we won 1st cockerel in a class of 47, also won color special for the whitest bird in the show and A. P. A. Gold Medal for the best bird in the show. We have several pullets from same hatch winning 1st and 2nd with them at Lexington in January, 1910. With best wishes for your success, we remain, yours truly,

W. E. Johnson & Son

Winona, Minn., Jan. 6, 1910.

Mr. John S. Martin, Pt. Dover, Can.

Dear Sir: I will try and let you know how those eggs I bought from you turned out. I got two nice cockerels and seven nice pullets. At our show I won under Judge Holden, 1st cockerel, 1st, 2nd and 3rd pullet, and 1st pen cockerel scored 94½ with ¾ cut for plueing, 1st pullet 95½ with ¾ cut for blueing, 2nd pullet 95½ with 1 point cut on weight, 3rd pullet 94½. My pen was the best attraction of the show and they were praised by every White Wyandotte breeder in this vicinity. They were certainly Regals and advertised themselves. Thanking you, I remain, yours sincerely,

Lewis Lentze

FREE—ILLUSTRATED CATALOGUE AND MATING LIST GIVING COMPLETE DESCRIPTION of MATINGS for 1911

JOHN S. MARTIN, Box W, PORT DOVER, CAN.



LIGHT BRAHMA COCK

Winner of first and shape special at Providence, R. I., also second at the recent Boston Show. This is only one of the many high-class birds produced on Sunset Farms, Darling & McNear, Proprietors, Natick, Mass.

A. G. GIES, DELMAR, N. Y.

Elsewhere in this number will be found the advertisement of A. G. Gies, Box 205, Delmar, N. Y. Mr. Gies publishes a record of five White Wyandotte pullets that in the hands of one of his customers produced an average of 197 eggs each in nine months. There are plenty of poultry breeders who would be highly pleased to get this average in a year's time. The record speaks well indeed for the laying qualities of Mr. Gies' flock. Mr. Gies is auditor of disbursements of the Delaware and Hudson Co. He has been breeding White Wyandottes as he states "simply for recreation," but having improved both laying and show room qualities and he believes that he can now consistently offer eggs for hatching. By the use of trap nests he has found his best birds to be his best layers.

At the New York State Fair, 1909, in a large class, Mr. Gies won 2nd and 4th hen, and at Schenectady, N. Y., January, 1911, he won 1st pen; 1st cockerel, and 2nd pullet. At the Albany, N. Y., show February, 1911, he won 1st and 3rd pullet, 3rd and 4th cockerel and 3rd on pen of young.

MOUNT PLEASANT FARM

An interesting 16-page booklet comes to us from the Mount Pleasant Farm, W. A. & H. M. Leech, proprietors, Mt. Pocono, Pa. This firm is breeding a strain of S. C. White Leghorns that have been especially selected because of their ability to lay the largest number of large, white eggs. It is very evident from the printed matter that the proprietors of Mt. Pleasant Farm believe that there is an egg type. They have been selecting a large, broad, deep, active, healthy hen that through her own natural vitality will lay eggs in great numbers. Their breeders have been selected from this type.

Open front houses are used at this farm and as the location is 2000 feet above the sea level, they are naturally hardy and vigorous. Our readers who are interested in S. C. White Leghorn eggs for hatching day old chicks and breeding stock should address W. A. & H. M. Leech, Mt. Pleasant Farm, Mt. Pocono, Pa., for their catalogue. Please mention AMERICAN POULTRY WORLD.

A. L. RUSSELL, WASHINGTON, N. J.

In a report of the Philadelphia Show we failed to mention the winnings of Mr. Russell's White Rocks, which were as follows: 1st cock, 3rd hen, 4th pullet and 4th pen.

At Washington, N. J., Mr. Russell also won 1-3-4 cock, 1-3-4 hen, 2-3 cockerel, 1-3 pullet, 1-2 pen; nearly a clean sweep, winning all firsts but one. This speaks very highly for the quality of his stock.

If you are thinking of buying a new cockerel to place at the head of your flock and want a Barred Rock, just send to J. W. Parks, Box W, Altoona, Pa., and ask for his annual cockerel circular describing the cockerels he has for sale and telling why he expects these cockerels to increase the egg laying qualities of the flocks which they will sire.

Carr's White Wyandottes and White Plymouth Rocks COCKERELS and PULLETS, orders booked for fall delivery. BARGAINS in breeding stock. WM. H. CARR, Box W, ROUND LAKE, N. Y.

PARTRIDGE ROCKS, Shape, Size and Laying qualities Correct. ALSO SUPERB.

Silver and Golden Sebright Partridge and Black Cochins } **BANTAMS**
Black Tail and Buff Japanese
Rose Comb Black

EGGS and STOCK in SEASON

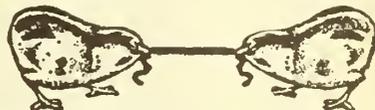
M. K. MILLER & SONS, POTTSTOWN, PA.

"Champion Strain"

Ranker's S. C. Buff Leghorns

Blue Ribbon winners at Chicago, Boston, Cleveland and others. Special low prices on trios and pens during January. Book your orders now for eggs and day-old chicks.

L. W. Ranker, Box B, Tiffin, O.



BABY CHICKS "THE WORLD'S BEST"

Any variety you prefer, from finest exhibition stock and strong vigorous utility matings, each variety the best product of an expert breeder. **Only the quality kind**, that will live, furnished at reasonable prices. **Custom Hatching a Specialty**, one of my hatcheries near you. Write for booklet, stating your wants.

My line of Incubators and Brooders from the little Buckeye to the Mammoth at interesting prices. **Sole Eastern Agent, National Medicated Perch Co.** The only modern permanent exterminator of lice, mites and other vermin.

My mail order system, Baby Chicks and Custom Hatching will please you, make money for you, and prove a good investment. **Frederick R. Taylor, 251 West 45th Street, New York, N. Y.**

Single Comb French Quality Reds Rose Comb

Which means that you can get what the world of Poultrymen as well as the world of Breeders admit are the Best Rhode Island Reds produced by any one in the World, and prices are reasonable.

PULLETS
HENS
COCKERELS **From \$2.00 up.**

A large number of pullets for show purposes at greatly reduced prices. Write me your wants, I can please you with birds bred from WINNERS—New York, Boston, Detroit and Alaska Yukon Pacific Exposition.

R. S. FRENCH, FLUSHING, MICH.



CLOSE--TO--NATURE BROODER, INCUBATOR

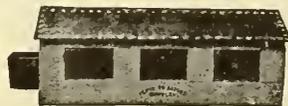
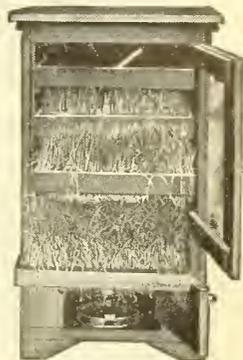
HOVER and DOUBLE QUICK GRAIN SPROUTER

But **Four** years before the public, yet used in **42** states and Canada. Used and endorsed by such men as **Pease, Warner, Russell, Baines, Dr. Mighell, Dr. Kilbourne**, and many other scientific and successful poultrymen. The Brooders and Hovers have the three **Life Principles of Warmth by Conduction, Ventilation by Induction, and the Non-Piling Invention.** They blend the **Instincts** of the broody **Hen** with the **Reason of Man** and satisfies every **Impulse of the Chick.** **Big, roomy brooders for orchard and field and Hovers for box and shed.**

Incubators have the **steady warmth** of warm water and a ventilation that bathes the eggs in **pure air** without the **air currents** that dry them out.

The **Double Quick Grain Sprouter** sprouts and grows **Oats** and other grains which make the **best egg** producing feed **known.**

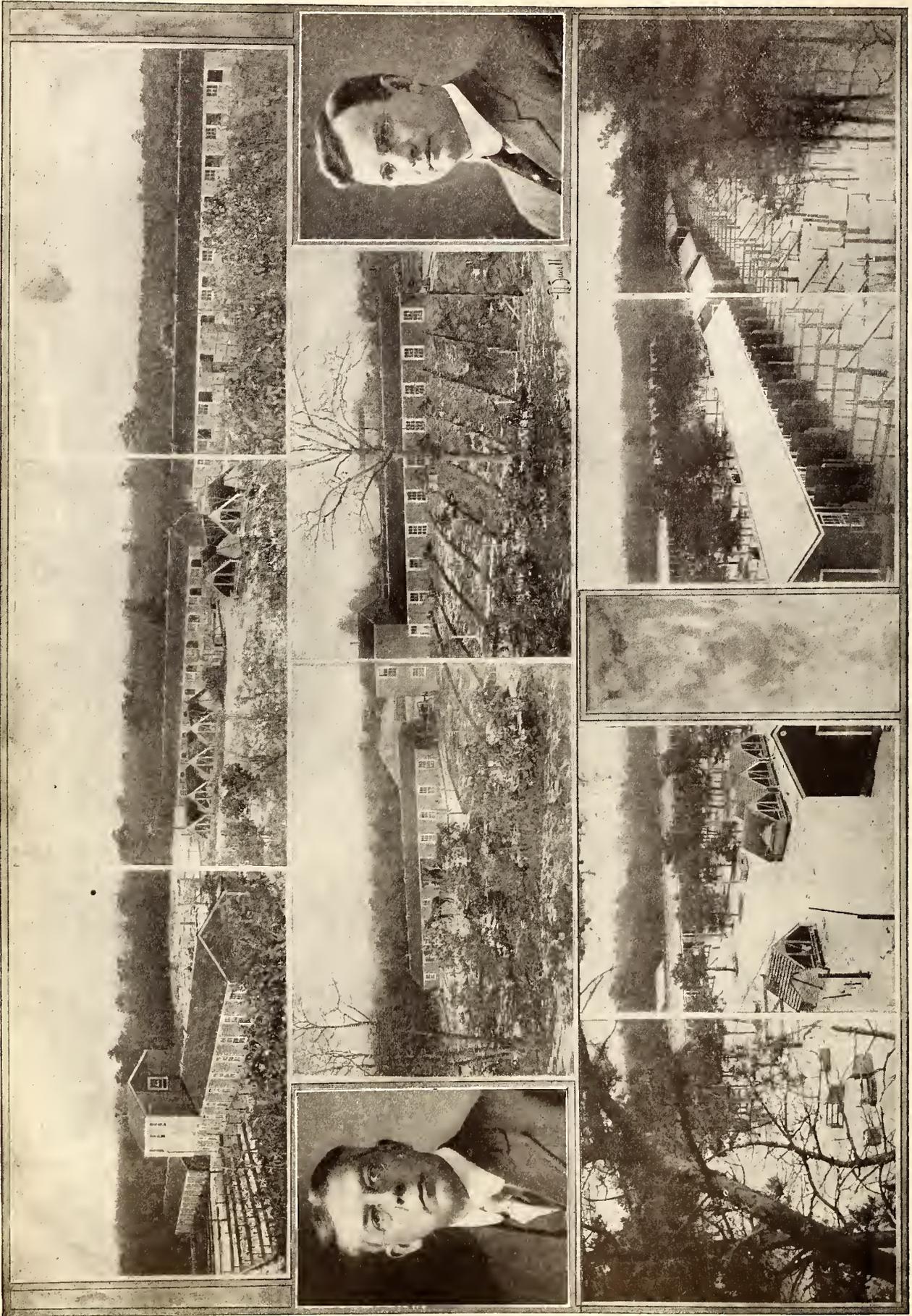
Get **close to nature** in poultry raising by getting **Close-to-Nature** machinery. Fine illustrated catalog free for the asking.



CLOSE-TO-NATURE CO.,

48 Front Street,

COLFAX, IOWA



VIEWS AT OWEN FARMS—THE WORLD'S GREATEST STANDARD BRED POULTRY ESTABLISHMENT

The incubating and brooding plants and conditioning houses are shown in the two upper rows, while the lower row pictures some of the buildings on Tashmo Farm, where the White Rocks and White Wyandottes are bred. The proprietor, Wm. Barry Owen, is seen on the left, and the manager, M. F. Delano, on the right.

A TWENTIETH CENTURY POULTRY FARM

GEO. W. TRACEY, AMERICAN POULTRY WORLD REPRESENTATIVE, REPORTS THE MARVELOUS DEVELOPMENT OF THE POULTRY BUSINESS AT OWEN FARMS. MAIL AVERAGES 1,000 LETTERS PER WEEK. POULTRY INDUSTRY OWES MUCH TO WM. BARRY OWEN. EXPERT BREEDERS IN CHARGE OF DIFFERENT VARIETIES

By G. W. Tracey



So much has been written concerning Owen Farms and Wm. Barry Owen that it seems superfluous to give an extended history of this noted establishment and its owner, but it must be kept in mind that the clientele, so to speak, of a poultry journal keeps constantly changing. An interesting article in one issue is still news and information three or four months later, to a host of subscribers that have been added to the subscription list of a popular and constantly growing poultry journal. Especially is this true of AMERICAN POULTRY WORLD. Since this time a year ago, 30,000 names have been added to its subscription list. Many of these new readers are taking a poultry journal for the first time will breed poultry either for business or recreation. For the benefit of the latter class, this article will be devoted to a few things in connection with the greatest poultry establishment in the world.

Wm. Barry Owen, the proprietor of Owen Farms, is no sentimentalist. He has undertaken the establishing of a business devoted to the breeding of Standard-bred poultry. We might say the poultry business was in its infancy when Mr. Owen took it up. At that time there were plenty of wealthy men breeding poultry, but they didn't let the world know much about it. Mr. Owen's forceful personality and what he had to say about Owen Farms and the men who were connected with it, the breeds and their business methods, as expressed in his advertising, made great impression on all who read it. Mr. Owen divined that if there was no demand for the breeds he was keeping either for himself or for other breeders, the demand could be created and so by generous advertising he not only gave prominence to the breeds of his choice, but he also caused others who were keeping other varieties to follow. In his wake, and the result has been manifested by the great increase of poultry enthusiasts all over the country. To more fully realize this one has only to compare the poultry journals of the present day with the same journals as they were at the period when Mr. Owen began advertising. A page was then a rarity, now the various poultry journals fairly teem with advertisements of breeders who are doing sufficient business to use a page or more to adequately advertise their breed or variety, and this generous advertising has resulted in the elevation of the poultry industry to the present prosperous conditions.

As the poultry industry has grown, so has Owen Farms. Each year's business doubled that of the previous year up to 1910, when it was 4 times as large as that of 1909. These cold facts speak for themselves, while this wonderful increase in business is mentioned, not only for the benefit of Owen Farms but also for the benefit of beginners, who are about to purchase his or her first setting of eggs, or who may be contemplating investing in a trio or pen for breeding purposes. The marvelous show record of Owen Farms at the premier shows of the nation, viz.: Chicago, Boston and Madison Square Garden, New York, clearly demonstrated that they were the show kings of the century. Every one con-

ceded that they have produced more high class show birds than any other one concern. But the question with many was, if we should send to Owen Farms for a sitting of eggs would we be able to raise the same quality of birds that were shown by Owen Farms themselves. This question has been answered many times in the affirmative by the great winnings made by the customers who have won many valuable prizes on birds they raised that were hatched from eggs purchased from Owen Farms. As a most conspicuous example can be mentioned the noted Buff Orpington cock bird that won first at Chicago, December, 1909. This same bird also won first at Madison Square Garden a year later, and again this year, defeating the best American breeders, as well as birds entered by Mr. Bell, the leading English breeder. At Boston two weeks later, this bird again won first and was the sensation of the show. Thousands reading of his fame came to the Boston Show just to view this wonderful product of Owen Farms, hatched from a sitting of eggs purchased from them in 1908. This and hundreds of other instances should convince the skeptics, if there be any, that Owen Farms are absolutely honest in their dealings, that eggs purchased from them are from the same matings that they use for themselves. This honesty in dealing with their customers is what has led to the tremendous increase of the business.

The immortal Lincoln said in substance that "you can fool some of the people sometimes, but you can't fool all the people all the time". Especially is this saying applicable to the poultry business. There has been instances where by flamboyant advertising, the American poultry public has been deceived, but history shows that deception and dishonest practices were soon exposed. With Owen Farms the policy of fair dealing and absolute satisfaction to every customer has resulted in not only holding old customers but it has constantly added new ones. Formerly Mr. M. F. Delano, manager of Owen Farms, was his own stenographer and typewriter, but the present business has grown to such mammoth proportions, that it requires a force of 5 stenographers. What an extraordinary business and what a wonderful interest that the work of this office force reflects: 150 letters a day, 1000 letters or more a week, in the busy season, and each and every one of these letters read and answered by Mr. Owen or Mr. Delano. Can you imagine any two business men in the country that work as hard as these men. Mr. Owen is a wealthy man and it's far from necessary for him to work in the manner in which he does, but his heart is in the poultry business, and most sympathies with his customers.

We believe the thoughts that are uppermost in the minds of most of the readers of AMERICAN POULTRY WORLD at this season of the year is not how to construct a modern curtain-front poultry house, not how to best preserve eggs, not how to take care of July and August hatched chicks and such other unreasonable topics, but what will we do in the way of improving our present flock of chickens; will we retain the present breed or try some other, if so what breed will it be, and who will we patronize either in stock or eggs to further our desires or

ambitions. It's always best to patronize the successful breeder especially when it is proven to you that your interests will be thoroughly safeguarded by such a breeder, and in recommending Owen Farms to your consideration we are confident that you will have no cause to regret having dealt with them.

The varieties bred at Owen Farms are White and Barred Plymouth Rocks, White Wyandottes, Orpingtons White, Buff and Black, and Rhode Island Reds, Rose and Single Comb. The marvelous success of Owen Farms can be attributed to the expert handling and scientific mating of each of these varieties. A noted breeder once said to me, in speaking of one who is undoubtedly the greatest force and who stands for the word Progress with all its essentials in the Standard Bred Poultry Business, "he owes a whole lot of his success to the fact that he has a happy faculty of surrounding himself with smart men. He knows one when he sees him, and those are the kind of men that are on his staff." The same may be truthfully said of Wm. Barry Owen. It's unnecessary for us to dwell upon the well known men that Mr. Owen has in charge upon Owen Farms. Newton Cosh has a great reputation as an expert Barred Rock breeder. His experience with this variety dates back many years and it's none the less advantageous to his reputation to add that for years he was the main stay and advisor of much mourned M. S. Gardner. Mr. Cosh is also a close student of the Rhode Island Reds and has been called upon to judge this popular variety. Then there is Clifford Nickerson; no more faithful man ever lived. It does you good to see him at work with his favorites. His chickens are next to his babies, and he knows how to breed and raise them. There is no better posted student of poultry breeding in America than Mr. Nickerson. Last but not least is Frank H. Davey, the latest acquisition to the staff of able men that Mr. Owen has surrounded himself with. Mr. Davey's fame as a judge and breeder of White Wyandottes and White Plymouth Rocks is world wide. The birds that Owen Farms always feared the most, when exhibiting at Madison Square Garden, was the string bred by Mr. Davey, and this great flock has added lustre to the crown worn by Owen Farms as leading White Rock breeders. It seems superfluous to mention the manager, Maurice F. Delano. His ability is cheerfully admitted, his name and fame as a poultry expert is world wide. We deem it unnecessary to write anything further in commendation of Owen Farms at this time. We will refer you to their advertisement in this issue. This advertisement gives a lucid explanation of everything you desire to know, as to their business methods and the prices of eggs for hatching. In addition to reading this advertisement we request every reader of this article to send to them for their fine descriptive catalogue, from a perusal of which you will get a clear idea of the individuality of every Pen upon the place. From this catalogue you will learn of the many wonderful prize winners that head their pens, also a description of every great female that is in the matings. Send for this free book without delay and address, Owen Farms, 115 Wilham St., Vine Yard Haven, Mass.



A PEN OF FISHEL'S "WORLD'S BEST" WHITE WYANDOTTES

A beautiful pen of White Wyandottes owned and bred by J. C. Fishel & Son, Hope, Ind. Attention is directed to the excellent Wyandotte type and characteristics of the birds in the above illustration. Short full necks, broad backs and broad, deep, well rounded breasts, together with medium short thighs and shanks, and uniformity are points for which their birds are noted. Fishel's White Wyandottes have established an excellent reputation both in the show room and as money makers for the utility breeders.

EXPERIENCE WITH INDIAN RUNNER DUCKS

After reading the experience exchange in past issues of AMERICAN POULTRY WORLD, I have decided to relate my experience with Indian Runner Ducks the past season.

Last season eight hens on plenty of range layed one thousand and sixty eggs from February until July inclusive and during that time the eight hens layed 9 eggs a number of different days and one two days in succession; also one day layed ten eggs—layed both morning and evening. I know this sounds a bit fishy, but nevertheless it is true.

Last year was our first trial with duck eggs in an incubator; the first setting contained 120 eggs of which 5 were infertile and hatched 89 ducks. Seventy per cent. of what we raised the past season were ducks or 30 per cent drakes. One method of feeding the laying ducks is mash mixed until between a crumbly and doughy state, composed of 4 parts bran, 2 parts shorts, 1 corn meal, 1 meat meal, fed twice per day and shelled corn at night. Give plenty of water for drinking and nostril washing. J. H. Clevenger, Ohio.

DUNLAP-SCHWIND CO.

While the Dunlap-Schwind Company, Box 4793, Chatham, N. Y., do a large commercial business, they also have some very good show birds as they demonstrated by winning at the Miller-ton, N. Y., show, first and second on White Rock cockerels; second on S. C. White Leghorn cock and fourth on White Wyandotte cockerel. They report a good show at this place and hot competition. At Lenox, Mass., they won second and third on White Rock cockerels and fourth on White Wyandotte cockerel on three entries. There were large classes of Wyandottes and Rocks

exhibited, so they are much pleased with their winnings. They keep 2,000 breeding birds of the three varieties and have 100 acres on which to grow them. They have an incubator capacity

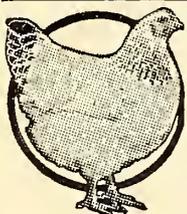
of 12,000 eggs, so they are prepared to furnish strong baby chicks in almost unlimited quantities. Their printed matter will be sent free to readers of this journal.

ROSE COMB BUFF ORPINGTONS

The Most Popular Breed with a Non-Freezing Comb

My stock are quick growers, good size and color, and best layers. When you have the R. C. Buff Orpingtons, you always have eggs. No more stock, but EGG ORDERS BOOKED NOW

GEORGE W. ELLERMAN, 1008 Caldwell Street, PIQUA, OHIO



WYANDOTTES

HEWITT'S STRAIN

Bred to Lay Big Brown Eggs
COLUMBIAN WYANDOTTES

Prizes Won at Leading Shows

They make you the American Dollar in eggs and meat. Am booking orders for eggs at \$2, \$3 and \$5 for 15 from 8 yards; trios, \$7 to \$15, and pens, \$10, \$15 and \$20; mated, not a kin for breeding. Mention this paper. Circular free.

H. H. HEWITT, Box 425, WILLIAMSBURG, PA.

Rose Comb Rhode Island Reds

[EXCLUSIVELY.]

Blue Ribbon winners at West Haven, Providence, Worcester, Springfield, Meriden, and Middletown. Fine breeding cockerels, \$3, \$10 each. Send for 1911 mating list.

PAYNE BROTHERS,

PORTLAND, CONN.

HAYNER'S BARRED ROCKS

Again prove their quality at the Grand Central Palace, New York City, Nov. 18-24, 1910, by our two pullets winning first pullet, also color special for best colored female in class, besides this we have furnished 27 Blue Ribbon winners in some of the leading shows from coast to coast. Why can't we furnish yours. 500 head to select from; 15 cockerels, brothers to first pullet, bred from best pen; 5 cockerels sons of the famous "Buffalo Queen", 400 head of cockerel and pullet bred females, 80 vigorous cockerels weighing 6 to 9 pounds. Light Medium and Dark color. Exhibition birds a specialty. Satisfaction guaranteed.

JONAS HAYNER, Mgr.

Columbia County,

LIVINGSTON, N. Y.

"ONDAWA FARM WHITE LEGHORNS"

The suggestion of Single Comb White Leghorns associates itself strongly with the well known name of Lewis T. McLean, Proprietor of Ondawa Farm, Shushan, N. Y.

Mr. McLean has for many years been a breeder of unexcelled S. C. White Leghorns. For something over ten years his time has been spent in bringing his flock to the pinnacle of perfection, which has been attained by a careful, conscientious study of the bird, by painstaking selections, and scientific breeding. He has developed a heavy laying, large, white, strictly high class Leghorn. The par excellence of the flock can well be believed if the large quantity of Cups, Sweepstakes, Firsts, and Special prizes are any measure of success.

It is hardly to be wondered at that Mr. McLean has produced a strain which is practically unapproachable, if one but stops to think that the foundation of his flock came direct from such breeders as D. W. Young and H. J. Blanchard, two of the premier S. C. White Leghorn producers of the day. This, taken together with the great amount of experience and perseverance of the owner, should doubly prove the superior worth of Ondawa Farm White Leghorns.

We feel that it will not be amiss to here place Mr. McLean's guarantee, it being so broad it readily shows his utmost faith in the quality of his stock: "All stock is guaranteed to please or no sale. If when the birds arrive, they are not perfectly satisfactory, or better still, completely to your liking, they may be returned at MY expense (any time, within three days) and your money will be refunded the day the birds arrive."

The Proprietor of Ondawa Farm is an active member of the National Single Comb White Leghorn Club and connected with a number of other poultry perfection organizations.

Mr. McLean has published an illustrated booklet describing some remarkable bargains, he has also just received from his printer the 1911 Edition of his Catalog and Mating List, either of which he will be pleased to send to any one interested in Single Comb White Leghorns. Those desiring the publications should address as follows: Mr. Lewis T. McLean, Ondawa Farm, Shushan, N. Y.

AN APPROPRIATION FOR POULTRY

The Tennessee Poultry Association will present a bill to the present session of the State Legislature asking for an appropriation of \$10,000, and the appointment of a State Poultry Board, for the purpose of educational work along poultry lines in the State of Tennessee. This bill, if passed, will go a long way towards the development of this wonderful industry in the old Volunteer State, and we hope to see it go through. The value of the poultry product in Missouri last year was over \$42,000,000, while Tennessee produced something like \$15,000,000. Tennessee has every advantage over Missouri for the production of good poultry and eggs, and we believe that with assistance from the State and further work on educational lines, the value of the industry could be almost doubled in a remarkably short period of time. Missouri, New York and other states are making liberal appropriations for poultry, which has become one of the most profitable departments of farm work. We believe that every member of the present session of the State Legislature should support this bill. The poultry people are asking no more than they deserve.

OCULUM

With the coming of the hatching and breeding season, poultrymen will be pleased to know that in Oculum, a remedy has been found for white diarrhoea, cholera and roup. Oculum, manufactured by THE HANCOCK IN-OCULUM CO., Salem, Va., is receiving the testimonials of the leading poultrymen of the nation. Breeders, such as C. H. Latham, P. J. Armstrong, U. R. Fishel, A. C. Hawkins, William Ellery Bright and others, have, after a thorough test, given fine testimonials as to Oculum. These breeders handle hundreds of birds and know the value of Oculum. Oculum has been before the public several years, and its reputation is growing rapidly. Our readers will be glad to hear that these dreaded diseases can be combated, and should find out more about Oculum by addressing the manufacturers.

WALL'S S. C. RHODE ISLAND REDS S. C. WHITE LEGHORNS

Get eggs that hatch from hens that lay during winter. Our birds are line bred for a heavy egg layers combined with show quality. Our 1911 booklet tells about our winnings; its free. Send for it and book your orders early. Mated pens, trios, pairs and males at reasonable prices.

Wall's Poultry Farm, Box W, Mitchell, Ind.

200-EGG INCUBATOR



The famous Natural Hen Incubator — uses actual hen. Perfect heating, ventilation, regulation. No lamp; no oil, no trouble. Over 500,000 have proved it the greatest hatching success. No freight to pay. More Agents Wanted. Send for Free Catalog. NATURAL HEN INC. CO., 1849 Constance St., Dept. 13 Los Angeles, Cal.

\$3

DeTURK'S GUARANTEED LICE POWDER Positively kills lice and mites of every description on poultry, animals and plants, also fleas on dogs. It must give satisfaction or money cheerfully refunded. Price, 25 cents per package. Agents wanted. Member American Poultry Association, Manufactured only by **H. CLARENCE DeTURK,** 1270 N. 12th St., **READING, PA.**

Single Comb White Leghorn Eggs

from prize birds with records of 265 eggs. Bred for heavy egg production, as well as the show room. Beautiful heads, splendid combs, snowlike plumage. Greatest layers anywhere, winter and summer. No birds for sale but strictly fertile eggs giving you vigorous healthy birds at \$1.50 per sitting of 15.

CLEARVIEW POULTRY FARM, Hempstead Ave., HEMPSTEAD, L. I., N. Y.

NORTHROP'S ROSE COMB BLACK MINORCAS

bred and exhibited by us, won 2nd cock, first, second, third and fifth pullet at the Big Utica Show and 2nd cockerel at the Madison Square Garden Show 1910. Our strain are large size, splendid color and wonderful layers. Every bird raised on Free Range. Stock always for sale. Eggs from prize matings, \$2.50 per 15; \$4.00 for 30. Every egg guaranteed fertile.

HARRY T. CLARK, CLARK'S MILLS, N. Y.

MAGENTA POULTRY FARM

RHODE ISLAND REDS BOTH COMBS

Blue ribbon, gold special and cup winners at Hartford, Conn., Springfield and Holyoke, Mass., 1909-10-11. Eggs for hatching by sittings or hundred. Send your name for my 1911 free mating circular.

F. E. WOODARD, P. O. Box 115, EAST LONGMEADOW, MASS.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1			5	4	2	3	3	3	4	2	1	
2			3	3	2	4	2	3	3	4	1	
3			3	4	3	3	4	4	4	3	2	
4			5	3	3	4	4	4	4	2	1	
5			4	4	1	3	4	3	4	3	1	
6			4	4	2	2	3	2	4	2	3	
7			3	3	3	1	1	3	1	4	1	
8			5	4	2	2	4	3	3	3	2	
9			2	2	3	1	3	2	4	1	1	
10			5	4	4	2	4	3	3	4	1	
11			5	3	2	2	3	1	4	3	1	
12		3	3	4	4	3	3	3	2	2	1	
13		1	2	4	3	2	3	3	4	3		
14		1	4	3	4	3	3	3	4	1		
15		3	4	4	4	2	4	1	0	3		
16		0	4	4	2	3	4	3	3	2		
17		3	4	4	3	3	4	4	2	3		
18		3	3	3	3	1	1	3	1	1		
19		2	4	4	4	3	4	2	3	2		
20		3	4	4	3	3	4	4	3	3		
21		3	3	3	3	2	3	4	3	1		
22		4	4	4	4	3	3	3	3	1		
23		2	4	2	4	4	4	3	4	2		
24		3	4	3	3	2	4	3	1			
25		4	4	4	3	3	3	3	2	2		
26		5	4	2	4	4	4	4	2	3		
27		1	3	3	4	2	2	2	3	0		
28		5	4	3	2	4	3	3	3	2		
29		x	4	4	4	4	4	4	3	1		
30		x	4	3	3	3	3	3	1	1		
31		x	4	x	4	x	2	3	x	1		
	46	118	102	95	83	98	93	83	65	16		

192 Eggs per Hen in 9 Months Gies Wonderful White Wyandottes
 In February, 1910, I sold the fifth Utica, N. Y., cockerel and five pullets to Mr. Theo. J. Hook, Rome, N. Y. He kept an accurate record of the eggs laid and during the 9 months ending November 12th, 1910, he gathered 770 eggs as noted in the attached record. Unfortunately one of the pullets died on March 13th. Deducting 29 eggs (the greatest possible number that could have been laid by this pullet), Mr. Hook secured an average of 192 eggs from each hen in 9 months, a wonderful record.

As I am a new advertiser, you have a right to know a few things about me. For over 10 years I have carefully bred WHITE WYANDOTTES, not with any idea of financial gain, but simply for recreation. At the start I purchased good birds, bred carefully and called closely ever since. **ONE YEAR I RAISED SIXTY PULLETS AND BRED FROM JUST THREE!** It is only this painstaking attention that has made possible the above record.

My birds are not only good layers but they can win in the show room, too. I have only shown a few birds now and then, but they have won high honors. For example: I showed two hens at New York State Fair, September, 1909, and won second and fourth on them. At Schenectady, N. Y., January, 1911, on three entries I won 1st pen, 1st cockerel, and 2nd pullet. At the great Albany, N. Y., Show, February, 1911, in one of the largest and best class of WHITE WYANDOTTES ever shown in New York State outside of Madison Square Garden, I won on seven entries, 1st and 3rd pullet, 3rd and 4th cockerel and 3rd on pen of young.

I am chief Dishursing Officer for a large Railroad Company with disbursements of over a million dollars per month. This in itself should be sufficient evidence of my honesty and reliability. Would also refer you to the Mechanics and Farmers Bank, Albany, N. Y.

EGGS FOR HATCHING. I have never sold eggs for hatching before but will do so this year. I have mated no pens of about thirty birds of big strong pullets to which I have mated the third Albany cockerel and the third Albany pen cockerel and will sell eggs at \$3 per 13 or \$5 per 26. I also have one pen of extra fine show birds headed by the 1st Schenectady cockerel, mated to the 1st and 3rd Albany pullets, the 2nd Schenectady pullet, the females in the 3rd Albany pen, etc., from which I will send a very limited number of eggs for \$5 per 13 straight. If you do not get a satisfactory number of fertile eggs, I will make it right. Order now. The supply is limited.

A. J. G'ES, P. O. Box No. 205, DELMAR, N. Y.

ALLEN'S COLUMBIAN ROCKS

Pure Strain At the recent Madison Square Garden Show my pure strain **MADISON SQUARE Columbian Rocks** won 1 cock, 1 hen, 3 cockerel, 1 pullet, 1 pen, sweepstakes and shape and color special on females. **WINNERS**

This with my winnings at the late Philadelphia show of 1-4 pullet, 1 pen, 4 cock, 2 cockerel, shape and color specials on males, placed my Pure Strain Columbian Rocks in the first ranks. A few rugged vigorous cockerels that have the right shape and correct color for sale. If you want the best, let me quote you prices. Satisfaction guaranteed. Mating list February 1. **S. C. Allen, R. F. D. Orchard Park, N. Y.**

AN INCUBATOR OF QUALITY

In Which is Shown Many Things That Cannot be Seen from the Outside

A well-made Incubator is something more than a simple box, and it is surprising to know the care, and work, and material, that is put INSIDE the best machines, where it cannot be seen. Take for example a single corner of the "Essex-Model" Incubator of which we give illustration below. It surely indicates Superiority; and the same superiority exists throughout the machine.

The illustration shows a corner of an Incubator made of panelled chestnut, tongued and grooved. At the lower left-hand side is shown an eight-sided corner post cut away to show its formation. In the finished incubator it of course extends to the top where the dotted lines are shown. It would be easier and much cheaper to use an ordinary four-sided post, but it would not be nearly as substantial. This is up-to-date construction that accomplishes three purposes—holds in the heat; strengthens the incubator, and gives it a workmanlike finish—a joiner's job. From the outside of the machine you can see only a simple four-cornered post.

In that side of the incubator which is facing you, where the panelling is cut away, you see a smooth faced piece of material projecting from behind the panelling. That is insulating material tacked to the walls, which helps hold in the heat. It covers the inside of the walls. This insulating material cannot be seen from the outside.

Between these double walls and the egg-chamber there is a space that is filled with specially prepared costly

packing. It is fluffy, and forms innumerable dead air spaces which prevent the heat escaping as well as protecting it from changes of outside temperature. This packing extends all around the machine, and on the top—in addition to which sheets of insulating material are used on the top. In a large machine many pounds of this packing are used. The cost of packing

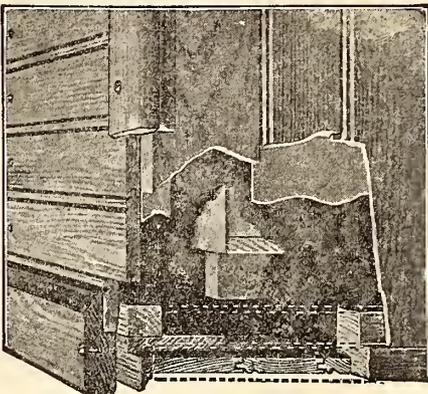
alone is from a quarter to half the price at which some incubators are sold. This is another evidence of Superiority that cannot be seen from the outside.

The upper corner of the heat chamber can be seen projecting through the packing. That chamber, with the egg-chamber forms a box separate from the outside case. It is like an incubator within an incubator. Two in one. Yet the outside of the machine does not suggest anything of the kind. Many incubators are made of a single box only, and of course they can be sold at a low price.

Do you see the heavy chestnut band around the top of the machine? On an Essex-Model No. 4 Incubator the wood in this band alone costs about 25c. Then there is labor of cutting, planing, fitting, etc., which with waste, brings it up a lot higher. Labor generally costs more than material. This band is quite an item in the cost of making; but it adds to the stability of the incubator, and is another mark of Superiority. It is found on no other Incubator than the Essex-Model "STANDARD"—the Incubator of Quality.

Look at the moulding beneath this massive wooden band. It has to be cut, shaped, and nailed. It adds that much more to the cost, and just as much to the value of the machine. It is the accompaniment of quality throughout.

Note the screws that hold the panels and band;—screws, not nails. There are actually 79 screws in the top of a No. 4 "Essex-Model". Ask any carpenter how many nails he can drive while putting in a single screw; then you will get an idea how much more this machine costs to make than all others where nails are used. Suppose you can drive five nails to one screw—



A CORNER OF THE STANDARD ESSEX-MODEL INCUBATOR

Cutaway section showing panelled case made of chestnut; eight-sided corner post; insulating material tacked to inside of wall; packing material filling space between the double walls; upper corner of the interior egg-chamber and heat-chamber; massive 3 inch band around the top, etc., etc., as described on this page.

"Kellerstrass"

White Orpingtons

ARE THE BIGGEST PAYERS
BECAUSE THEY HAVE PROVEN TO BE

The Biggest Winter Layers

KELLERSTRASS STRAIN

"Crystal" White Orpingtons

Are the GRANDEST UTILITY birds on record to day, and as to their FANCY QUALITY they won first at Madison Square Garden, New York, 1905, 1906, 1907, 1908; also at Crystal Palace, London, England, and Chicago and Boston. If you need some birds to IMPROVE YOUR STOCK or for the SHCW ROOM write us. We have them, and the KIND THAT WINS, as our past record shows. STOCK for sale at all times. Remember, we are the ORIGINATORS of "CRYSTAL" White Orpingtons, and breed only the one kind. We devote our whole time to this one breed.

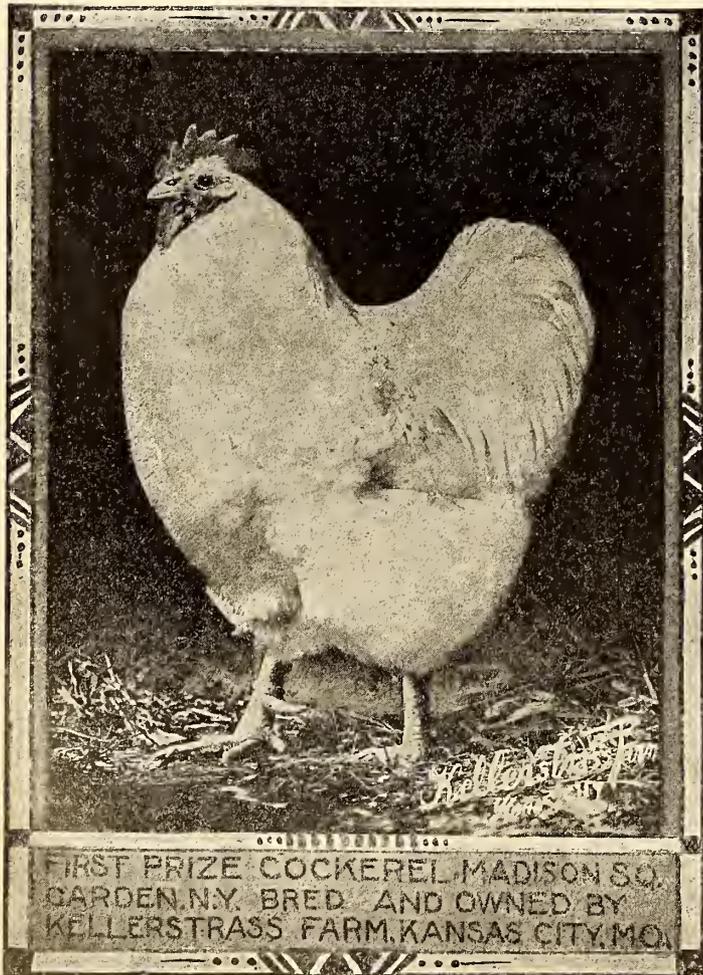
LIFE MEMBERS AMERICAN WHITE ORPINGTON CLUB
and the AMERICAN POULTRY ASSOCIATION.

Kellerstrass Farm

Originator of Crystal White Orpingtons

ERNEST KELLERSTRASS, Prop.,
Westport Road, 8140, KANSAS CITY, MO.

Send for our Catalogue.



then the work costs five times as much—but it is part of the work of making a SUPERIOR machine. Some of these machines have actually been through floods without warping, and are now running satisfactorily.

We need go no farther than to say that the finish of these Incubators is equal to the construction. A hardwood furniture finish that cannot be secured except on hardwood; and that makes this a most desirable piece of furniture, sought after by owners of the most up-to-date country estates, whereon it is a motto, that "The Best is None Too Good."

Of course the Hatching Principle, and the Certainty of securing Many and Strong Chicks are the first consideration in the manufacture of a machine. At least it ought to be. The splendid construction partially described above is but a means to secure that end.

When you consider that described to you but a single corner of this well-known Incubator you can imagine what the rest is like.

Readers who are interested in seeing illustrations of these Essex-Model "STANDARD" Incubators; or of the Essex-Model "MIDDLE-PRICE" Incubators with complete descriptions of their construction, should write to the Manufacturers for their Free Catalogue of Incubators, Brooders, and Poultry Supplies. Address Robert Essex Incubator Company, 13 Henry Street, Buffalo, N. Y.

OHIO HATCHERY & MFG CO.

Attention of our readers is called to the advertising of the Ohio Hatchery & Mfg Co. This concern is advertising a neat, strong, safe shipping box for the shipping of day old chicks and eggs for hatching. The chick boxes are made in three sizes and the egg boxes in sizes to hold 15, 30 and 100 eggs respectively. The manufacturers claim that their lines are absolutely safe in shipping, and being light in weight secure the lowest express charges.

In addition to manufacturing the above, this concern does custom hatching and can furnish day old chicks from well bred stock of all the popular varieties.

They have published a popular book on poultry containing 12 chapters, full of boiled down, helpful information on poultry raising. Copies can be obtained for 10 cents each if you will mention AMERICAN POULTRY WORLD when writing them. Address the Ohio Hatchery & Mfg. Co., Box 38, Bellevue, Ohio.

BAIR THE BAND MAN

Has just issued a new illustrated catalog of poultry and pigeon breeders supplies. This book is free for the asking. Mr. Bair makes a specialty of

aluminum leg bands and can furnish several styles and sizes, numbered to suit the breeder. Leg bands are one of the necessary adjuncts to successful poultry keeping and every reader of this paper should ask for the above catalog mentioning AMERICAN POULTRY WORLD.

A. J. FELL, WEST POINT, PA.

Has just issued a very neat mating list describing his matings this season of his noted prize winning strain of White Wyandottes. Mr. Fell has mated 10 pens for this season's egg trade. Most of these are headed by some one of his noted prize winners. This list is very neatly gotten up and is illustrated with half-tones of his famous winners. If you are looking for as good as grows in this variety you should write Mr. Fell and mention AMERICAN POULTRY WORLD.

"MOREGS"

(REGISTERED)

A NATURAL EGG PRODUCER

I have been fifteen years studying how to make my hens lay a larger number of eggs, and this powder has given me very satisfactory results

Enough for 100 hens six months, \$1.00
Booklet Free—Secrets of better layers

C. Bricault, M. D.V., Lawrence, Mass.

WHITE PLYMOUTH ROCKS

Winnings in the Great Baltimore Show, January, 1911, 1st, 2nd cockerel, 2nd, 4th pen, 3rd, 5th pullet. (No old birds shown). American Poultry Association's special for best cockerel in American class. White Plymouth Rock Club's special for best White Rock Cockerel. Special for best White Rock male. This great winning in the keenest competition proves the quality of my birds. Egg orders now booked for Spring delivery.

ALEX. R. EARLY, ROSLYN, MD.

LISK'S WHITE WYANDOTTES

Again win best display at Rochester, January 9-14, in one of the best classes ever shown. My 1st Cock, winner of shape and color specials, was conceded by all the Judges to be the best male White Wyandotte ever shown. My 1st Cockerel was also an extra fine bird. I breed every bird I show. My matings are the best I ever had. Every bird a star. Eggs, \$5 per 15; \$12 per 45. Some fine Cockerels for sale.

FRED C. LISK, Box L, ROMULUS, N. Y.



ELLIS S. SHELLY, WILLIAMSBURG, PA.

Won this Season:

Philadelphia Poultry Show, Philadelphia Madison Square Garden Show, New York Pennsylvania State Show, Altoona Great International Show, Buffalo

Every bird exhibited was bred and is owned by me. Single Comb Rhode Island Reds Exclusively

Eggs for Hatching \$3.00, \$5.00 and \$10.00 for 15.

Illustrated Catalog and Mating List Free.

Chestnut Hill Barred Rocks

WIN THE CREAM

AT MADISON SQUARE GARDEN, 8th hen, 5th cockerel, 8th pullet and 5th pen, 35 pens competing.

PHILADELPHIA, 1st cock, 1st hen, 1st cockerel, 3d and 5th pullet, 2d pen, eight silver cups, etc.

ALLENTOWN, 1st and 4th hen, 1st and 2d cockerel, 1st and 2d pullet, 1st pen, silver cup for best Barred Rock.

N. Y. PALACE SHOW, 1st cock, 1st cockerel, 2d hen, 2d pullet, 2d pen, cup for best display.

AT BROCKTON, MASS., The Great Fair of the East, 4th cock, 1st, 2d hen, 1st cockerel, 2d pullet, gold special best display.

AT TRENTON, N. J., Inter-State Fair, 1st cock, 1st, 2d hen, 1st, 2d cockerel, 1st, 2d pullet, 1st pen,

medal for best cockerel in show and 2 grand sweepstake silver cups.

AT THE GREAT PHILADELPHIA SHOW in a class of 184 birds we win 3 first prizes and 17 specials, without doubt the grandest record ever made at this popular show. My first prize cockerel won the SWEEPSTAKE CUP FOR BEST COCKEREL in the entire show, 350 cockerels competing. Also CHAMPION MALE Cup. This, with his other winnings, make him the greatest winner of the age. Mating list ready. Write me your wants.

EGGS \$3.00 PER 15 STRAIGHT

CHESTNUT HILL POULTRY YARDS

H. M. Kenner, Manager,

Box A,

Chestnut Hill, Pa.

IMPORTANT MEETING OF MICHIGAN MEMBERS OF THE AMERICAN POULTRY ASSOCIATION

Withdrawal of From Association Made up of Poultrymen of Four States Probable in Near Future. Officers Elected at Detroit to be Retained When Affiliation with A. P. A. is Brought About.

A meeting of the Michigan membership of the American Poultry Association was held in accordance to a call sent out January 16th, on Monday, Jan. 30th, in the Light Guard Armory, Detroit. Earl Hemenway of S. Haven, who issued the call as an organizer of the American Poultry Association, stated in calling the meeting to order, the objects of the same to be the matter of a branch organization for Michigan.

At the present time Michigan is a member of the Mid-West-Branch of that organization, composed of the states of Indiana, Iowa, Wisconsin and Michigan. Last year, Illinois took steps to withdraw and did so, to their advantage. After addressing the meeting as to benefits to be derived, Mr. W. E. Stanfield was called to preside, Mr. Hemenway acting as secretary of the meeting.

On roll call, more than one-half of the membership responded personally or by proxy. On a vote being taken on the question of a state branch it was unanimous in favor of the same and was followed by a resolution offered by Mr. Hemenway as follows: "That we precede to the election of officers, the same to be considered temporary officers, until such time as the Mid-West-Branch of the American Poultry Association disbands, and Michigan is recognized as a state branch by the American Poultry Association, when they shall become branch officers of that body."

The resolution was adopted and the following nominated and elected: President, J. Stewart Crawford, Port Huron; vice president, H. L. Kempster, East Lansing; vice president, George S. Barnes, Battle Creek; secretary, W. Frank McKinzie, Concord; treasurer, W. E. Stanfield, Hillsdale; executive board, for three years, Samuel D. Lapham, Dearborn; Earl Hemenway, South Haven; for two years, Wm. J. H. Goetz, Detroit; Roy V. Otto, Middleton, for one year, James A. Tucker, Concord; Wm. M. Wise, Lansing; election commissioner, F. M. Crowe, Owosso.

The officers selected are well divided as to membership in the state branch, and it would be a hard problem to pick out better men than were chosen. Mr. Crawford is in the publishing business, Vice President Kempster is in charge of the department of poultry at the Michigan Agricultural College, East Lansing. Mr. Barnes is county treasurer of Calhoun county and Mr. Lapham is in the banking business at his home town. Election Commissioner Mr. Crowe covers the state in his efforts to "shoe" all of its members for the well known St. Louis Leather Manufacturing Company. The balance of the list are well known poultrymen and judges.

The branch has been launched with a membership of seventy-six and with active work will soon be doubled. Mr. Hemenway has reason to be well satisfied with the action of Michigan. His appointment as an organizer was made Dec. 22nd, 1910. The call for the Detroit meeting was issued Jan. 16th, 1911, and the organization completed, within six weeks from receipt of his appointment.

SANDS & BEILMAN, HAWLEY, PA.

Sands & Beilman of Hawley, Pa., have recently installed a 3000 egg incubator and are now prepared to do an extensive day old chick business. They have one of the greatest utility strains of S. C. White Leghorns in the state. All stock is raised on free range in fresh air houses, thus insuring healthy, vigorous birds, that lay and pay. Those in the market for baby chicks will do well to write Sands & Beilman, Box 136, Hawley, Pa., mentioning AMERICAN POULTRY WORLD. A square deal is assured.

H. E. CHALLIS, S. DANVILLE, N. H.

Through an oversight on our part, we failed to mention the winnings of H. E. Challis of South Danville, N. H., in our report of the Boston Show. Mr. Challis made 5 entries in Buff Orpingtons and won 4 regular prizes as follows: 4 hen, 2 pullet, 2-3 pen; which is certainly doing well and is an indication that his stock is of high quality.

Mr. Challis has mated 12 pens for this season's egg trade, three of these are utility matings and the balance contain prize stock. Write him for mating list and mention AMERICAN POULTRY WORLD.

"IVES LANGSHANS" BLACK, WHITE

A surpassing strain of "The Grand Old Breed." Elegant big cockerels now. Eggs that will hatch, \$3-15. Circular.

PAUL B. IVES, GUILFORD, CONN.

SINGLE COMB

RHODE ISLAND RED EGGS

from strong, healthy, utility birds, raised on free range, which means vigorous young chicks, \$1 and \$2 a sitting; \$5 and \$8 a hundred, guaranteed, 75 per cent fertile.

N. F. Hessert, Box C, Dias Creek, N. J.

CROCKFORD'S INDIAN RUNNER DUCKS

In pure Fawn and White, laying white shelled eggs. Winnings this year: Brocton Fair, 1st pen, 4th duck.

Providence, 1st duck, 1st drake, 1st pen. Bristol County, 1st drake, 1st duck, 2nd pen and special shape. F. K. CROCKFORD, BRISTOL, RHODE ISLAND

"ONLY" ROSE COMB RHODE ISLAND REDS

Won at Baltimore, Md., 1911, 1st pen. Best display and placed in every class. At Hagerstown, Md., October, 1910, 1st pen, best display and placed in every class. Write your wants.

M. C. RICHARDSON, Jr., Member Red Clubs and A. P. A., FRONT ROYAL, VA.

FEATHER'S FEATHER'S FEATHER'S Single Comb White Leghorns

(Acknowledged to be the best in the State)

I am now booking orders for EGGS FOR HATCHING and DAY OLD CHIX. Exhibition matings, tested and sure to produce winners. Utility matings, large, vigorous birds and extra heavy layers. Write me your wants, I can suit you.

R. B. FEATHER, WEST LIBERTY, OHIO

Breeder of S. C. White Leghorns for 16 years.

EGGS, SPROUTED OATS, EGGS DOUBLE QUICK GRAIN SPROUTER

Sprouted Oats are the greatest egg food known. For an abundance of eggs as well as for a high per cent of fertility, there is nothing that equals them. Germinating grains contain the active Principle of Life, hence they stimulate egg production and chick growth. As a forcing, yet natural food, there is nothing so good for growing chicks. Thousands testify to their high efficiency, but the trouble has always been in the muss and time to sprout them the old way. This can now be easily and quickly done, winter or summer, by the DOUBLE QUICK GRAIN SPROUTER. Sprouted in 24 hours and 4 to 6 inches high in so many days. Nice piece of furniture. May be used in kitchen, cellar, feed house, etc. Makes two to four bushels of feed from one of grain, the cheap feed secret formerly advertised for \$1. Soon pays for itself in the increased egg yield and the feed it grows. Five minutes time or less to care for it. Sizes from a few hens to 500. State the number of hens when you write for catalogue.

Close-to-Nature Company, 48 Front Street, Colfax, Iowa

Elm Poultry Yards and Stock Farm HARTFORD, CONN.

Over 5,000 birds on our farms. Cocks, Cockerels, Pairs,
Trios or Pens at reasonable prices

Varieties Barred, White and Buff Rocks; White, Buff and Columbian Wyandottes; White, Buff, Brown and Black Leghorns; Cochins, Houdans, Games, Ducks, Geese, Turkeys, Guineas, Pheasants, etc. Also Pigeons, Dogs, Goats, Sheep, Swine, etc. : : :

Equipment for Poultry Plants, Kennels, Lofts and Farms.

Write today for our Free Bulletin, published quarterly

**THOUSANDS OF DOLLARS FOR
POULTRYMEN**

**Great Book Showing How to Build Own
Incubator Given Away Free**

**EIGHTY THOUSAND PEOPLE
DELIGHTED**

It rarely occurs in the history of any business that such a great height is reached as has been attained in the poultry business through the free distribution of a great book on great incubators.

This book was prepared at an expense of thousands of dollars by H. H. Sheer, of Quincy, Illinois. It has absolutely no strings tied to it. Any one can write for it and get it free and not be obligated for one red penny. Mr. Sheer is a progressive man, one who has been in the poultry business for a great many years, and it was his idea to give the whole business one great boost by publishing this magnificent book.

In doing this Mr. Sheer has practically handed the poultry business of the country thousands of dollars for improvement. He has distributed to every point of the compass a book that has helped thousands and thousands of people to know the important features necessary in highly successful incubation.

It has certainly been a great thing that so many people have found out how much better it is to build incubators with their own hands. These people have made great successes building their own incubators. For an insignificant sum they have been able to buy all the needed lumber cut and bored and all they have had to do was put the pieces together, pound in a few nails and set the mechanical parts in their places. They have found this intensely absorbing work—or play we should call it—just as diverting as any form of amusement. A great many of these people got their incubators free of charge by making a few extra for friends and neighbors, but many have gone into the business with Mr. Sheer on a special arrangement and sold his incubators, brooders and mechanical parts in their localities, simply coining money year after year. Thousands of owners of other kinds of incubators use Mr. Sheer's mechanical parts because they don't want to throw away their old incubators and yet want the Sheer mechanical parts because they know from experience that these are by far the best in the world.

Mr. Sheer's book shows an automatic lamp that maintains a constant oil level at the right point on the wick to keep it burning at its best and a regulator which turns the flame down at the same time that the damper is raised so that a saving of 25 per cent. is effected in oil consumption. When more heat is needed, the regulator turns it on automatically and closed the damper so that all the heat is retained. This method permits leaving the incubator alone from 12 to 24 hours.

The big free book is a delightful book to look through. It is full of illustrations—pictures of fine mechanical parts with complete descriptions of the different steps in putting incubators together with detailed directions so there is no guess work, and many interesting photographs of some of the 80,000 men, women, and children who have become so happy because they have been able to do as the instructive incubator book tells them.

So great has been the success made by this book that many more thousands are going to get it this year and make their own incubators—the kind which are guaranteed to hatch every fertile egg.

**NEW OFFICES OF THE AMERICAN
CORNISH CLUB**

At the annual meeting of the American Cornish Club held at Kansas City, Mo., Nov. 30, 1910, the following officers were elected: President, R. D. Reider, first vice president, C. S. Brent; second vice president, F. C. Burbank; third

vice president, F. C. Price; Secretary-Treasurer, H. C. Hayes. Members of the Executive Committee, G. E. Thomas, John D. Mercer.

We are now united with the Pacific Cornish Fowl Club which brings our membership roll close to 250. We are adding new members every day and we have a snug cash balance in our treasury. We want breeders of all varieties of Cornish to join our Club and get our new 1910 catalog free by doing so. The membership fee is only \$1.00 which pays one year's dues. Next annual meeting to be at Baltimore, Maryland, January, 1912. H. C. Hayes, Secretary, Eureka, Illinois.

43 Varieties Poultry, Squab Breeders, Fancy Pigeons Ducks, Geese, Guinea and Eggs. Ornamental Birds, Wild Game, Pheasants, Pea Fowls and Dogs, Old Trusty Incubator, freight paid. Feed and supplies. Handsome catalogue, containing 150 illustrations, 2c. MISSOURI SQUAB CO., Dept. GG, ST. LOUIS, MO.

**PRINTING for
POULTRYMEN**

We print anything from a card to a catalogue at prices that will interest you. Up-to-date cuts of all breeds used Free "The Fanciers' Advertising Guide," a book that is worth its weight in gold to any advertiser, a premium with orders. Cut book and big line of samples FREE. Write today. THE RIVERSIDE PRESS, BRISBEN, N. Y.

POLLARD'S S. C. WHITE LEGHORNS

Are no Experiment. Bred from selected layers, the stay-white kind, on a farm of 89 acres, free range. Eggs \$1.00 per 15; \$5.00 per 100. 90 per cent. fertility guaranteed. Member National S. C. White Leghorn Club. Grand View Poultry Farm, A. M. Pollard, Mgr. Mansfield Center, Conn.

AT MADISON SQUARE GARDEN

Lennappe Rose Comb Rhode Island Reds

Again win on both old and young stock, as they always do. There is no better blood or more consistent winners than "LENNAPPE"

ANNESLEY M. ANDERSON, MORTON, PA.

JONES WHITE WYANDOTTES

Won 1-2-5 hen, 1-2-5 pullet, 2 cock, 3 cockerel, 3 pen at Jamestown, N. Y., including White Wyandotte Cup and all specials. My mating list is ready. Send for it. They are all winners.

E. O. JONES, WEST PAWLET, VT.

WE ARE THE LEADERS

IN WHITE AND COLUMBIAN WYANDOTTES, WHITE PLYMOUTH ROCKS AND S. C. RHODE ISLAND REDS

At the recent Madison Square Garden Show, we won on our Columbian Wyandottes, 3rd pen, 5th cockerel. At the Grand Central Palace Show, 1 pen, 5 cock, 5 hen. Red Bank, N. J., Dec., 7-10, White Wyandottes, 4-1st, 3-2nds, 2-3rds, 3-5ths. Columbian Wyandottes, 4-1sts, 4-2nd, 2-4ths. White Rocks, 5-1sts, 4-2nds. S. C. Reds, 2-2nds, 2-3rds, 1-5th, also numerous cups and specials. These winnings at America's best shows denotes the quality of our strain.

OAK HILL FARM, I. M. Elston, Poultryman, RED BANK, N. J.

**S. C. WHITE ORPINGTONS
S. C. WHITE LEGHORNS**



FIRST COCKEREL PHILADELPHIA 1910
Owned by DUNE ALPIN POULTRY FARM East Hampton, L. I.

Buff Orpington Ducks

OUR RECORD for 1910, at New York and Philadelphia Shows, 8 first, 8 second, 9 third, 3 fourth, 6 fifth and 18 special prizes. 2 medals and eight silver cups, including Sweep-stake Cup for best pullet (any variety) exhibited at Philadelphia. Our first prize White Orpington cockerel at Grand Central Palace was pronounced by everyone as the best White Orpington male ever exhibited

No Stock for Sale Send for Mating List

DUNE ALPIN POULTRY FARM

EAST HAMPTON, N. Y.

GEO. L. McALPIN, Prop.

GEO. J. KERR, Mgr.

HATCHING BY ARTIFICIAL MEANS

Only a few years ago incubators were in an experimental stage, but that day has gone by. At present there are incubators on the market that are automatic in action and reliable in results. For example, here are three sample reports, dated and signed, received by Cyphers Incubator Company, Buffalo, N. Y., telling of repeated big hatches obtained by customers—one customer down east, another in the middle west, and the third on the Pacific Coast.

754 EGGS—691 CHICKS

Norwood, Mass., June 10, 1910.

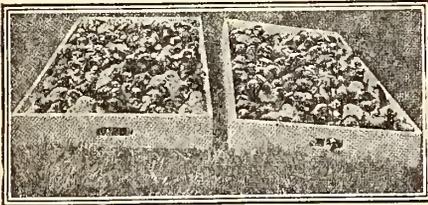
Cyphers Incubator Co., Buffalo, N. Y.—My last three hatches from the No. 3 Cyphers Incubator I bought of your Boston Branch last year gave me the following results in **lively and healthy chicks**:

1st hatch, 241 chicks from 256 fertile eggs; 2nd hatch, 214 chicks from 229 fertile eggs; 3rd hatch, 236 chicks from 269 fertile eggs.

I cannot speak too highly of the Cyphers Incubators. My hatches have been over 90 per cent. of the fertile eggs, as can be testified to by those for whom I have hatched the chickens.

Yours sincerely,

Henry Hayes.

**A BEGINNER'S FIRST HATCH**

Picture (from photograph) showing hatch of 346 chicks from 350 eggs made with a No. 3 Standard Cyphers Incubator by Theo. R. Brown, Rockford, Ill. Mr. Brown's letter is published herewith.

1586 EGGS—1454 CHICKS

Rockford, Ill., June 25, 1910.

Cyphers Incubator Co., Buffalo, N. Y.—No doubt you think I'm lost—I am here and so are the chickens. I am glad to report my **first five hatches**:

First hatch 340 Chicks from 350 Fertile Eggs
Second hatch 266 Chicks from 294 Fertile Eggs
Third hatch 288 Chicks from 330 Fertile Eggs
Fourth hatch 260 Chicks from 287 Fertile Eggs
Fifth hatch 300 Chicks from 325 Fertile Eggs
Total: 1454 Chicks from 1586 Fertile Eggs

Remember, I am a beginner, and that's going some. **Never use an incubator before, you don't need to, if it's a Cyphers.** Ten minutes a day is all I spent with my two No. 3 machines. I have no time to talk to any one who says "it beats the Cyphers."

Yours very truly,

Theo. R. Brown,
233 Hinckley Ave.

AVERAGE OF 323 CHICKS

Petaluma, Cal., Sept. 29, 1910.

Cyphers Incubator Co., Buffalo, N. Y.—It is with pleasure I recommend the Cyphers Incubator. **They transform all the hatchable eggs into lusty, livable chicks**, which it is a pleasure to care for with a minimum of care, worry and expense.

During the past season I have operated four large-size, 390-egg Cyphers Machines, and for the season took an **average of 323 chicks per machine per hatch** to the brooders.

Two of these machines are old style and two your latest Insurable pattern. These last run with practically no variation of temperature.

Yours truly,

Carl Gregory,
Wayside Yards.

LEBANON, PA., POULTRY SHOW

The Lebanon Pigeon Poultry and Pet Stock Association has been steadily improving their poultry show each year, but this year they have set a pace for themselves that will be hard to excel.

The large roomy hall was beautifully decorated with Christmas trees and greens and illuminated at night with about one hundred electric lights. There were over 1100 birds entered and the quality was very good in all classes, the largest of which were Buff Rocks, Silver Wyandottes, White Wyandottes, Orpingtons, Brown Leghorns, in all of which there was hot competition. Other varieties were also well represented.

Thanks to the hard working Secretary, Mr. Black, the premiums were all paid last day of the show, the 1100 birds were also all promptly returned without any mishap or mistake whatever.

BRED LAY REDS
REDDER Ten healthy, vigorous chicks from fifteen eggs, guaranteed. Price \$2 per sitting of fifteen eggs.

R. N. FISHER, Box J, MANISTEE, MICH.

Grand Central Palace, New York

1910

We won 8 out of 9 Silver Cups offered on S. C. Buff Orpingtons, including Best Display, Best Buff Orpington in show, and Best Bred 1910. Eggs after March 1st, \$5, \$10 and \$15.
Inglesand Poultry Yards, Flushing, N. Y.
E. B. Sprague, Prop.

CRYSTAL WHITE ORPINGTONS KELLERSTRASS STRAIN EXCLUSIVELY

Won at Grand Ledge, Mich., Show, Jan. 2 to 6, 1911, 5 firsts, 2 seconds, 1 third, also prize cup for best trio, prize cup highest scoring pen against all Orpingtons. We have mated up THREE grand breeding pens as follows: PEN No. 1, is a divided Pen and consists of 5 of the choicest early hatched pullets bought direct from Mr. Kellerstrass, and 6 very extra choice hens, mated to a GRAND COCKEREL, a first prize winner and a sure breeder of prize birds, direct from Kellerstrass. Only 10 settings to spare from this pen. \$10 for 15 eggs all from pullets or all from hens or we will divide them to suit purchaser. Book early, enclose \$1, state date for shipment. PEN No. 2. Consists of 10 extra fine hens mated to a very fine extra choice cockerel, birds raised from this pen should come in for a fair share of the Blue Ribbons, next show season. Price \$5 for 15 eggs, only 10 settings from this pen to sell. PEN No. 3. Consists of 10 very choice pullets mated to an extra fine cock. Big value at \$3 for 15 eggs. A few May hatched cockerels for sale. Ask for price.
Address, D. D. SHANE, GRAND LEDGE, MICH.

R. C. AND S. C. RHODE ISLAND REDS

Stock and Eggs, 100 per cent fertility guaranteed. Black and White Langshans, Buff and Partridge Cochins, Light Brahmans, Blue Andalusians, Buff, Black and White Cochin and White Polish Bantams. 75 per cent fertility guaranteed. Stock at reasonable prices. Eggs from special matings, \$5 per sitting, other matings, \$3 per sitting.

ROBERT F. HORTE,

SOUTH BRAINTREE, MASS.

LONG'S WHITE WYANDOTTES

Winners at Great Rochester Show, 1910, 1-2 cock, 1-2 cockerel, 1-5 hen, 1-3 pullet. International Show, Buffalo, 1910, three entries, 1 cock, 2 hen, 4 cockerel. International Show, 1911, on 9 entries, 2-3 cock, 2-3 cockerel, 2-4 hen, 1 pullet. New York State Cup best exhibit. Silver Cup on males. Several good cockerels for sale. Eggs, \$5 and \$3. Send for mating list.

W. H. LONG,

245 South Avenue,

ROCHESTER, N. Y.

Prescott's Orpingtons Surprise

THE BOYS AT BOSTON, 1911

Big show on Buffs, they won Boston Show, gold special for best display, also Buff Orpington Club's Silver Cup for best display, 1-2 cockerel and other prizes. On Whites, their first prize cockerel also won shape special. Winning a grand total of 76 points. Our varieties, Buff, Black, White and Diamond Jubilee. Send for elegant catalogue and price list of stock and eggs for hatching.

H. B. PRESCOTT,

Box 33,

DERRY VILLAGE, N. H.

Riddell's Matchless Buff Wyandottes

AT AMERICA'S GREATEST SHOW, MADISON SQ. GARDEN, Season 1910-11

THEY win 1st and 3rd hen, 1st cockerel, 1st pullet. Association \$25 special for best display. Club Challenge Cup for best Buff Wyandotte in the show. Three times as many first prizes as any of my competitors, against the best East and West. Some extra choice males and females for sale. Eggs, \$5.00 and \$10.00 per 15, straight. My strain cannot be excelled by any other variety for beauty or utility. I aim to please and satisfy every customer. Sixteen years a breeder of America's best. Hundreds of prizes have been won at New York and Boston by birds of my breeding.

ANDREW RIDDELL,

Box 29 A,

R. F. D. No. 6,

Greenwich, N. Y.

WHITE LEGHORNS

By D. W. Young

(Continued from page 371)

beautiful, almond shaped, pure white lobe taken its place.

These improvements in shape and color have given us a variety that stands unequalled among our domesticated races of poultry as an exhibition and utility fowl. The White Leghorn breeds perfectly true to type and feather from single matings. Our first prize hen at Madison Square Garden in 1909 was the dam of our first prize cockerel at the same show. Both are illustrated in this article. We use a pedigree or line breeding chart for all of our matings, so can trace the breeding of every breeder and show specimen back for many generations.

STANDARD IDEALS

The old Standard ideals for both male and female were correct in comb and type, except in the male, which should be longer in back and carry tail at an angle of 40 degrees. The latter is about the proper carriage for the tail of the White Leghorn of the present day.

EXHIBITION LEGHORNS BEST LAYERS

Standard-bred or exhibition White Leghorns make the best layers because they are the result of years of careful selection and breeding to attain the length of body, depth of keel and legs set well apart that form the proper frame for big layers. This, in addition to the fact that no fat forming foods for years have been fed to our Leghorns, account for their superiority as egg producers over the smaller, shorter bodied type of twenty-five to thirty years ago.

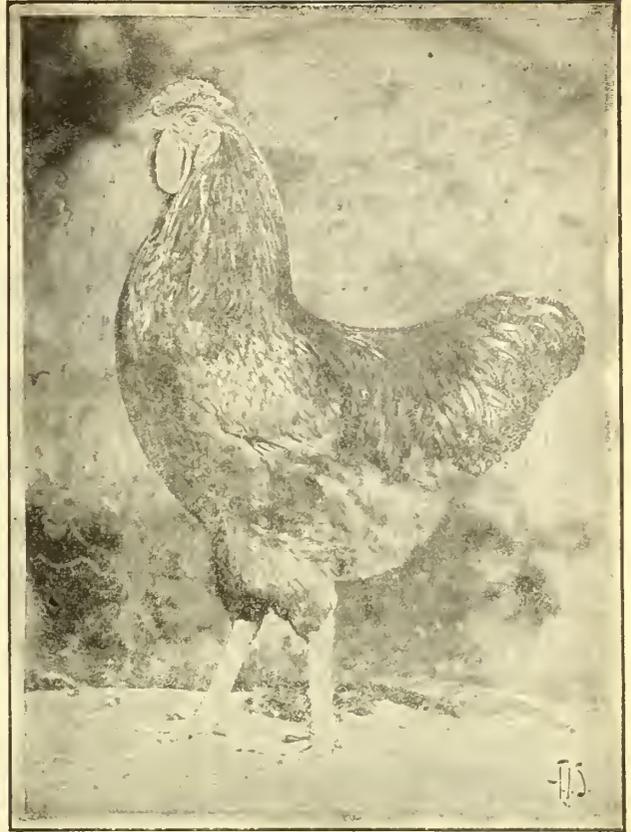
FEEDING LEGHORNS

On the proper feeding of White Leghorns largely depends the success of the breeder in the show room and the profit he realizes from the eggs produced. We start chicks with Spratt's chick food, containing plenty of protein. This is dampened slightly and fed in the morning; in the afternoon we feed Cyphers chick food dry and continue these two foods until chicks are about six weeks of age. After that we feed a mixed grain ration made up as follows: One part wheat, one part ground oats, one part ground barley, and one part cracked white corn. The hoppers we keep filled with meat scraps and bran. The chickens have plenty of free range, which provides abundant vegetable food. The laying hens are fed as follows: First feed in litter at daylight consists of, one part wheat, two parts clipped oats, one part white corn, one part barley, and one part golden millet. The night feed is given at 4 p. m., and is the same as in the morning. At noon we throw oats and millet, about a handful for every four hens, in the litter. In the hoppers we use a dry mash consisting of one part ground oats, one part wheat bran, one part wheat middlings, one-half part oil meal one part beef scraps, and two parts cut alfalfa. These hopper

are left open for one hour each day; in addition the fowls have access to pure water, charcoal, oyster shells, grit, and vegetables at all times.

HOUSES AND YARDS FOR LEGHORNS

Our houses are twelve feet square, ceiled with one inch North Carolina pine. Roofing paper is placed on either side of the studding and rafters, forming a four inch air space. The floors are made of concrete, 3 x 4 inch floor beams being laid and the latter covered with spruce flooring. This prevents dampness and is proof against weasels, rats, minks and mice. We never keep over fifteen females to one male in one of these houses, as we can get better results and more eggs of a higher fertility from this number than by doubling the number in the same room. The floor of each house is cover-



Rose Comb Rhode Island Red cockerel, Hoosier Boy, 1st prize winner at Chicago, December 8-14, 1910. Owned, bred and exhibited by Irving A. & Frank C. Sibley, South Bend, Ind.

The Same Amount Of Feed Will Raise Each

I Bring 30¢ per Lb.

I Bring Only 15¢ per Lb.

DOUBLE PRICES

On the market capons bring double price and are cheaper and easier to raise; they require less feed and less care. Caponizing is easy and soon learned.

PILLING CAPON SET

Will enable you to caponize all your young cockerels and add greatly to your poultry profits. Sent prepaid, with "Easy-To-Use" directions, on receipt of \$2.50. Any one can do it. You can make money caponizing for others. Write to-day for our booklet on Caponizing. It's Free.

G. P. PILLING & SON CO.

23rd and Arch Streets Philadelphia, Pa.

Orpington Cockerels For Sale

S. C. BLACK and "KELLERSTRASS STRAIN"
CRYSTAL WHITE ORPINGTONS

10 White Cockerels, prices \$5.00 to \$15.00 each—good color, shape and weight. Third Cockerel at Lansing, Mich., show this year for \$15.00, weight 10 lbs.—a bargain.

A Few Black Cockerels, \$4, \$5, \$6 and \$8 Each

EGGS FOR HATCHING from prize winners at Lansing, Detroit and Port Huron, Mich., shows last year, and Lansing show this year, \$5 and \$8 per 15 eggs from the Whites; \$4 and \$6 per 15 for eggs from the Blacks

Member American White Orpington Club.

Member National Black Orpington Club

Wm. Purfield,

Ann Arbor, Michigan

ed with about one inch of coarse building sand or fine gravel on which about eight inches of cut dry straw for litter is placed. The latter is thrown back once a week and the floor raked and cleaned. The roosts are made of 2x4 hemlock joints, planed smooth and the corners rounded, placed eight inches above the droppings platform, the latter being three feet wide and two and one-half feet from the floor with a three inch shingle lath on the front and back to keep in the sand, with which it is filled, in its place. This is cleaned every morning before daylight the year around, so that the birds can use it as a dust bath, which makes a great saving of floor space. The houses are whitewashed twice a year and the latest approved sanitary methods are carefully applied to insure the healthfulness of the fowls.

PREPARING LEGHORNS FOR EXHIBITION

White Leghorns which have been properly housed and fed as outlined above, require little or no extra preparation for the showroom, except washing. This is of the utmost importance and must be done most thoroughly. Our method of washing is as follows:

After confining the bird in an exhibition coop for three or four days, in order to accustom him to confinement, I take a basin of hot water, soap and scrub with a nail brush his head, comb, legs and feet thoroughly. Next take five tubs of soft water, the first being heated to a temperature of about 110 degrees. Submerge the bird, head and all in this tub. After the feathers are soaked through to the skin, I take a cake of Ivory soap and rub it well into the feathers until a lather is formed. Am not afraid of using too much soap. After I am sure the bird is clean, I rinse off as much of the suds as possible in this water. Next the bird is put in tub number two, which water is heated to about 90 degrees, and rinsed well in this. Then put in tub number three, the same temperature, and rinse carefully in this water. Next placed in tub number four, same temperature, then in tub number five, which is cold and blued a little more than is ordinarily used for laundry work. After taking bird out of the last tub, he is placed in a room heated to about 90 degrees, in a training coop about three feet square, with clean cut straw or shavings for litter, being very careful to keep it clean so that the feathers will not become soiled. Of course, it pays to look after the birds while they are drying as the feathers are liable to become twisted, especially the sickle feathers of the male birds. In about twenty-four hours after this is done the plumage will be in perfect shape and the bird, if he is white naturally, will be perfectly clean and as white as snow.

As for bleaching birds, I really do not know of any chemical that will bleach a yellow quill white without injuring the bird. If there is, and it is used, I call it faking pure and simple.

S. C. Buff Leghorns

Oldest line bred flock in America. Bred to win, to lay and of course they pay.

EGGS

Columbian Plymouth Rocks

Standard size with good shape and color.

J. QUINCY DAWSON, Coshocton, Ohio

MILLER'S COLUMBIAN WYANDOTTES

Sweep everything before them at Scranton; 4 firsts, 3 seconds, 4 thirds, 1 fourth and 2 fifths. The Megargee \$150 Cup for the third and final time. Special for male showing best hackle and all club ribbons in hot competition. Now booking orders for eggs from 8 grand pens at \$5 per 15. Mating list after February 1st.

HARRY B. MILLER,

R. F. D. No. 1,

CLARK'S SUMMIT, PA.



\$12,000 From Plain Poultry IN EIGHT YEARS!

No fake "Secrets," no humbug "System," no cooped fowls, but a PRACTICAL, open-air BUSINESS METHOD of making every hen pay a clear profit of over \$4.00 a year. GRUNDY Fireless Hatcheries and Brooders, Vermin-Proof Coops, Food-Saving Feeders, Dirt-Proof Water Fountains, Hen-Protecting Nests, Lice and Mite Killers, Chick and Laying Hen Foods and everything you need. Better than any others and cost LESS THAN ONE-THIRD as much. See my free Booklet.

F. GRUNDY, Poultry Expert, - - Morrisonville, Illinois

CLARK'S CHAMPION HOUDANS

Have added New Victories this Season at Madison Square, three Regular Premiums on four entries.

At the Great Missouri State Show, Kansas City, on four birds, 2 firsts, 1 second, 1 fourth, 6 specials for best cock, best hen, best shaped male, best colored male, best colored female and best crested female. Have won best display in the past at Cleveland, Columbus, Pittsburg, Toledo and many other shows. Breeding pens headed by Madison Square Winners. Trap-nests used to develop laying qualities. Eggs, \$3 for 13. Circular free.

SCOTT A. CLARK, Box 91, SULLIVAN, OHIO

INDIAN RUNNER DUCK EGGS from elegant fawn and white, classy birds, \$2.00 for 11.

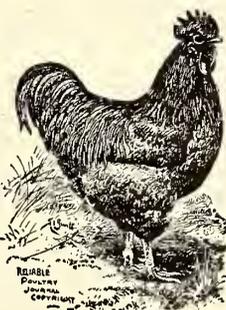
Spratt's Patent Chick Meal No. 5

IT HAS been demonstrated and is admitted by all experts that to rear birds successfully and bring them to the highest state of perfection they must have, while very young, a cooked food, and their corn diet must be carefully limited. This food should be composed of cereals, meat, vegetables, bone and shell in judicious combination. Such is Spratt's Chick Meal No. 5. It is a substitute for insect life, in addition to its other advantages, and thereby reduces mortality to a minimum, saving ten times its cost and frequently the cream of the flock.

SPRATT'S PATENT, LTD.

Factory and Chief Offices at Newark, N. J.

Depots at San Francisco, Calif.; St. Louis, Mo.; Cleveland, Ohio; Montreal, Can. Resident Superintendents at Chicago, Ill., and Boston, Mass. Factories also in Berlin, Germany, and London, England.



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Published every Friday
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SPECIMEN COPY FREE

TOPEKA, KAN., SHOW

The First Annual Poultry Show of the Topeka Show Association was held at Topeka, Kansas, Jan. 2-7, 1911. It was in every way a successful show.

The total number of poultry and pigeons entered was over 2200. In poultry alone 17 States were represented. At the banquet held at the Throop Hotel Wednesday night, the speakers represented ten states from Massachusetts to Oklahoma. The number of exhibitors in poultry alone was 228.

Three specialty clubs held their National Meetings in connection with the Topeka Show, the Barred Rock Club, the Silver Wyandotte Club and the Rhode Island Red Club. All three meetings were most satisfactory to the officers of these three clubs. The attendance of members at the Barred Rock Club meeting was three times as large as at the meeting last year held in the East. The name of the club was changed from the American Plymouth Rock Club to the American Barred Plymouth Rock Club. History was made at Topeka to this extent at least.

Naturally, Barred Rocks, Silver Wyandottes and Rhode Island Reds made the strongest classes in the show. Two hundred and forty-eight Barred Rocks were shown by 43 exhibitors. It was probably the largest Barred Rock show in the country this year, and quality was said by visiting fanciers to have been better than was seen in the country outside of Boston and New York. There were forty-nine cockerels and not a poor one in the lot. First prize winners in some of the largest shows in the country earlier in the season, were not placed, though the awards were made down to seventh place. Mr. Arthur C. Smith of Waltham, Mass., Secretary of the American Barred Plymouth Rock Club, placed the awards on Barred Rocks. The exhibitors were enthusiastic over his work. The Barred Rock exhibitors present at the show raised \$150 as cash specials on Barred Rocks at the 1912 Topeka Show. The liberal character of the prizes indicated by the fact that the first prize Barred Rock cockerel won \$54.00 in cash, besides several cup specials, ribbons and medals.

Silver Wyandottes numbered 140, the largest class of Silvers in the country. The following states were represented in Silvers: New Jersey, Pennsylvania, Ohio, Illinois, Missouri, Iowa, Nebraska, Kansas and Oklahoma. The Silver Wyandotte fanciers gave it as their opinion that the quality was superior to that ever seen in any show in America. The Silver Wyandottes were judged by E. G. Roberts, Fort Atkinson, Wis.

There were over 200 Reds of the two varieties. While quality was not quite up to that seen in Barred Rocks and Silver Wyandottes, quality was, nevertheless, not lacking. The leading Red

breeders of Kansas and adjoining states showed their best, while Indiana and New York were also represented. Lester Tompkins of Concord, Mass., placed the awards.

Numbers were not large in White Rocks, but the quality is not often surpassed. The same may be said of Buff Rocks. White Wyandottes were strong in both numbers and quality. The Buff and Black Orpingtons shown were extraordinary for quality. The Orpington judge was C. S. Byers of Hazelrigg, Ind.

Mr. Wm. Ellery Bright of Waltham, Mass., favored this western show with a full string of his Single Comb Brown Leghorns. He also showed eight Rose Comb Black Bantams, most of them imported. Mr. Bright's Leghorn cockerel heading first pen was said to be the finest specimen ever shown in the central west.

There were over sixty Buff Cochins, a large number for this variety.

The Topeka Show was judged by comparison. It was the first winter show in the state to be judged by this method. The entry fee on single specimens was one dollar and three dollars on pens. No Kansas show had ever before charged over twenty-five cents. This show was also the first show in Kansas to be uniformly cooped.

In the opinion of some of the visiting fanciers this was the most successful show ever held.

A. M. MOODY, NEWBURYPORT, MASS.

At New England's "Big Three" Shows, this season, Boston, Worcester, Mass., and New London, Conn., Mr. Moody's R. C. Black Minorcas won 20 out of 26 possible 1st and 2nd prizes, besides display, color and shape specials—a record to be proud of. Mr. Moody reports a very successful season. He is offering a limited number of fine breeding cocks and cockerels at reasonable prices. Free circular on request to all AMERICAN POULTRY WORLD readers.

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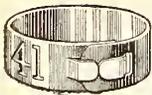
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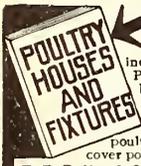
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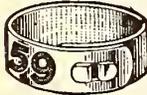


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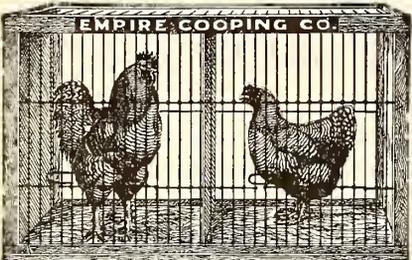
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Plymouth Rock Squab Co.
319 Howard St., Melrose, Mass

THE INTERNATIONAL SHOW

By **J. H. Drevenstedt**

[Continued from page 377]

with his famous "Horizontal Strain" of Reds, the type of his birds being very close to the Standard ideal.

Orpingtons strong classes, with the Whites far in the lead in numbers, being well up in quality and crowding the Blacks and Buffs rather hard in this respect.

Asiaties brought out small classes in Brahmas of fine quality, surprisingly large and good classes of Buff Cochins, some excellent Partridges and Whites and a very strong bunch of Langshans. Among the latter were the Canadian cracks and Madison Square winners in Black Langshans, Urban Farms scoring heavily in capturing second cock, first hen, first pullet and first pen in red hot competition. The first hen is a rara avis in color, size and shape.

Leghorns proved to be the sensation of the show with 476 specimens. It is a very long time since 102 S. C. Brown Leghorns were penned at an eastern show. They were exceedingly good ones at that. If anybody doubts this, ask George H. Burgott, who judged the Leghorns. Judge Burgott is a Brown Leghorn crank from toe to crown, who sleeps in a room where the wallpaper is a soft brown stippled with darker brown color. He was in his glory handling the Browns, which he did to the queen's taste. Mr. Burgott also handled the very warm White Leghorn classes in fine form. The Whites were certainly a star collection, the honors being pretty well divided between such expert breeders as Harlo J. Fiske of Skylands Farm, who captured the cock and cockerel prizes and G. L. Wheeler & Son, who took the hen and pullet prizes. In style, shape, color, and headpoints both male and female winners were of the very finest pattern. The first prize pen of Skylands Farm was a picture, the male heading it being one of the best we have seen in head points and style. Buff Leghorns fine classes, as might be expected when E. C. Gilbert and A. B. Cox exhibit.

Nearly two hundred Polish were exhibited, the veteran breeders of Canada and the United States fighting it out. We were glad to see Grandpa Seely, America's oldest White Crested Black Polish breeder, present at the show, as enthusiastic as ever over his favorites. We regret to state, however, that considerable ill feeling existed among Polish exhibitors at this show, as it was understood before the show that W. H. Card would officiate as judge of Polish, but who, for some reason best known to management, was sidetracked for another. This action on the part of the management may result in serious decline of entries in the Polish alley next year.

Among the other varieties Anconas lead in number with 126 specimens penned. It was really a fine showing of this most useful and handsome Mediterranean breed.

Houdans also made a good showing, while Black Minorcas were considerably stronger in number and quality than last year.

A. E. Gilbert of East Akron, Ohio, won on White Wyandottes at Columbus, Ohio, Show, 2 cockerel, 5 pullet, also 3rd White Rock hen.

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W. S. TEMPLETON,
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EGGS \$2.00
STOCK FOR SALE. BABY CHICKS.
FREE EGGS FOR HATCHING ALL THE YEAR ROUND.
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Belle Brand Crushed Oyster Shells supply Carbonate of Lime in natural form and acts as a grit, making them superior to any other poultry food on the market. Write for Free Catalogue to
LOUIS GREBB, BALTIMORE, MD.

Cornish smaller classes than last year, but the quality was first-class.

Bantams made up in quality what they lacked in quantity.

Below is the tabulated list of specimens of all varieties exhibited at the 1910 and 1911 shows:

	1910	1911
Anconas	47	126
Andalusians	27	22
Dark Brahmas	11	6
Light Brahmas	35	18
Buckeyes	4	6
Buff Cochins	7	35
Partridge Cochins	17	9
White Cochins	11	5
Faverolles	5	18
Games	52	101
Cornish Indians	81	40
Hamburgs	37	32
Houdans	28	56
Javas	3	7
Black Langshans	65	50
White Langshans	2	4
Black Leghorns	2	33
R. C. Buff Leghorns	39	50
S. C. Buff Leghorns	30	99
R. C. Brown Leghorns	34	38
S. C. Brown Leghorns	51	102
R. C. White Leghorns	19	9
S. C. White Leghorns	130	145
R. C. Black Minorcas	63	15
S. C. Black Minorcas	43	88
R. C. White Minorcas	3	0
S. C. White Minorcas	12	1
S. C. Black Orpingtons	33	54
S. C. Buff Orpingtons	34	63
S. C. White Orpingtons	26	94
R. C. White Orpingtons	2	0
Jubilee Orpingtons	2	0
Barred Plymouth Rocks	120	100
White Plymouth Rocks	104	145
Buff Plymouth Rocks	21	44
Partridge Plymouth Rocks	5	35
Columbian Rocks	40	76
Silver Pencilled Plymouth Rocks	6	3
Polish	94	196
R. C. Rhode Island Reds	68	61
S. C. Rhode Island Reds	122	93
Silkies	9	4
Black Wyandottes	2	4
Buff Wyandottes	104	27
Columbian Wyandottes	51	41
Golden Wyandottes	33	29
Partridge Wyandottes	48	54
Silver Wyandottes	43	55
Silver Pencilled Wyandottes	3	0
White Wyandottes	80	104
Lakenvelders	15	0
Phoenix	9	8
S. C. Barred Minorcas	8	0
Bantams	242	207
Ducks	60	not
Geese	14	in
Turkeys	10	Cat'l'g

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Day-Old Chicks 20c, 25c and 50c each

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WE HAVE always been among the leaders, but now, after having completed the mating of ten pens single comb and nine pens of rose comb, all headed by a winning male, WE feel that we are on top and in better shape than ever to supply stock and eggs. WINNINGS at the great ROCHESTER SHOW, "one of the hottest shows held this year," prove the quality of our stock.

Single Comb

Cock, 1-2-3-4; Hen, 2-5;
Cockerel, 1-2-5; Pullet, 1-3;
Pen, 1-2-5; 5 Silver Cups, 17 Specials.

Rose Comb

Cock, 1-2-4; Hen, 1-2;
Pullet, 4; Pen, 1-2.

Shape and Color

SEND FOR MATING LIST

PURE STRAIN FARMS COMPANY,

Box 20,

SCOTTSVILLE, N. Y.

THE MANURIAL INFLUENCE OF POULTRY

By Edward Brown, F. L. S.

(Continued from page 379)

species. On the other hand, the fowls at liberty are much the lowest, due probably to the elimination of moisture from the body as a result of their greater activity of habit. Where yarded or undergoing the process of fattening, as well as in the young chicks, the manure contained a much higher percentage of moisture.

TESTING FOR SOLIDS

The test, therefore, must be in respect to the solids or dry matter. Air-dried sample were analyzed, but in these a proportion of moisture remained, varying from 8 to 15 per cent. from which the Nitrogen, Phosphoric Acid (P205), and Potash (K20) were separated. In diagrams II, III and IV are shown the relative percentages of the various samples of manure. From these it will be seen that fowls fattening are the highest and geese the lowest in Nitrogen, that ducks are the highest and geese the lowest in Phosphoric Acid, and that all are fairly even in Potash. Of these the most important element is nitrogen. Accepting the values of these three elements, namely, Nitrogen at \$3 (12s.) per unit, on the basis of 1 per cent per ton, Phosphoric acid at 75 cents (3s.) per unit, and Potash at \$1 (4s.) per unit, the following estimates were made as to the actual values of the different manures, both in fresh and air-dried conditions:

	PER TON	FRESH AIR-DRIED MANURE	MANURE
1. Fowls at liberty	\$6.54	\$14.92	
2. Fowls in yards	5.44	15.54	
3. Fowls in fattening pens	8.10	23.20	
4. Chickens 1 month old	5.88	19.25	
5. Chickens 3 months old	3.25	13.60	
6. Ducks at liberty	4.85	19.66	
7. Geese at liberty	2.80	10.92	
8. Turkeys at liberty	4.40	14.60	

The effect of higher feeding during fattening is apparent, as is that of chickens in the earlier stages, whilst the high value in the air-dried sample of duck manure explains the important influence this product has upon pastures, which it improves to a remarkable degree.

We are thus enabled to approximately obtain an idea as to the actual value of each head of poultry in respect to its manure, provided that the land obtains it in a pure state and is capable of transforming it into plants. Leaving on one side fowls for fattening, as the period of their detention is brief, my estimate is that each class of poultry should represent an annual gain as follows:

Fowls	26 cents per head per annum
Ducks	75 cents per head per annum
Geese	50 cents per head per annum
Turkeys	37 cents per head per annum

A fowl during its brief existence of

2 1/4 years should return to its owner manure worth at least 60 cents, enough to pay for its original cost, that is, one of the ordinary American varieties.

My purpose in submitting these observations to readers of the AMERICAN POULTRY WORLD is in order to show how important a place poultry may have in maintaining fertility of the soil. During my visit to Ameri-

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MAPLECROFT FARMS,

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EGGS

COLUMBIAN WYANDOTTES

EGGS

from Madison Square Garden winners, also Hagerstown, Md., Boston and Clean Sweep at Springfield; at Philadelphia last show, on four entries, four ribbons; at Scranton, Pa., 1911, three ribbons; at Chicago, special cash on cockerel. My Columbians all have great Wyandotte shape, and are black where they should be; why pay fancy prices for eggs when you can get them at a living price. Send me a trial order and be convinced. A few pullets and hens at right prices. Eggs, \$2.00 and \$3.00 per sitting.

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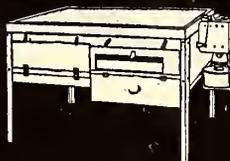
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WON Madison Square, New York, 1911, 3 old duck, 2-4 young drake, 3-4 young duck on five entries. Chicago, December, 1910, 2-5 young drake, 1 young duck on four entries. Boston, January, 1911, 1 young drake and duck.

Standard Fawn Color and Station are Specialities. Choice Eggs for sale. Free catalogue.

R. F. GALLEHER,

R. F. D. 15,

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ca in 1906, I could not but be impressed by the realization that the conditions are totally different in Europe and America. The last named with its great tracts of virgin land, some of which is highly fertile, has not yet had to face the problem which presses upon our people, who to live must make the earth yield her fruits. The latter cannot move on when exhaustion has followed constant cropping. Derelict farms are practically unknown with us. We have no Western territories crying out for settlers, where land can be purchased at cheap rates. The annual rental of English farms is equal to what similar areas could be bought right out in many states. I could not but feel that many of the diseases which afflict poultry-keepers with you as with us are due to non-appreciation of the fact that an excess of manure means soil taint, ever detrimental to animal life. I may be in error, but none the less venture to submit for consideration, whether the spread of black-head, white diarrhoea, etc., is not fostered by keeping more birds than the earth can profitably and successfully absorb and utilize their manure. Nor are we without similar experience of a like nature on this side the Atlantic. Did space permit record might be given of widespread epidemics and individual disasters, entirely due to this cause, which brings about a condition of things at once reducing the power of resistance in the stock, and developing that of the parasites which prey upon them. The capacity of many soils is very great, but where the number of animals is so great that the vegetable growth is killed off, or such growth is insufficient to utilize the manure passing into it, then accumulation becomes a menace of the stock placed thereon.

VALUE OF POULTRY MANURE ON LIGHT LANDS

Rightly applied poultry manure should have the effect of raising the fertility of any district. Upon the light lands of New Jersey and other Eastern states, if experience in Europe goes for anything, probably a great change will be brought about upon the poultry occupied areas, so that these soils will ultimately be capable of cultivation, which is not the case at present. Now the manure is largely wasted, by which is meant that it yields no immediate return, but it is being stored up for further occupants. Reference has been made to Belgium, in which country within my own knowledge a remarkable change has taken place. The Campine country,

lying between the city of Malines and the Dutch border, was a bare, arid, sandy plain, poor in the extreme, hardly capable of growing anything save fir trees. In these woods the peasants have for the last thirty or forty years kept poultry to a considerable extent, chiefly in the direction of rearing chickens for sale to the

PLYE LEGHORNS I am booking orders for Eggs for season of 1911. S. C. Red Pyle and Blue Pyle, Madison Square winners. \$5.00 per 15, other pens \$2.00 per 15 at which price I include Silver, White, Columbian, Buff, Partridge, Golden and Black Wyandottes. Barred, White, Buff Silver Penciled, Columbian and Partridge Rocks. Send for my circular of Holsteins, Hogs and Hens.

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Silver Cup winners and winners of 4th Cock and 1st Hen at Chicago, December, 1910, on two entries. Eggs, \$5.00 per 15.

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From Canada's very best, grand type and color and sound in Hackle and Saddle. My last exhibit, 75 in class, I won 3 cockerel, 3 hen, 1-2-3 pullet, 1 pen and Silver Cup for best pen. Eggs, \$5.00 for 15.

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At Chicago 1908 my first prize cock won the Silver Cup for best bird in the show
At St. Louis 1909 my first prize cock and hen won Silver Cup for best male and female. This means they are the undisputed

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140 Incubator and 140 Chick Brooder Both for \$10

140 EGG



Think of it. Two big machines (140 capacity) only \$10 if ordered together. Guaranteed 5 years. Incubator is made of best California Redwood, completely covered with asbestos and galvanized iron, hot water type, triple walls, copper tank and boiler, self-regulating, galvanized lamp bowl, O. K. burner, Tycoos thermometer, egg tester, roomy nursery under egg tray, complete ready to use. Brooder is large, well made, fireless type. Can be used out-doors. No others equal the Ironclads. Compare size, quality of lumber, workmanship with any and you'll surely buy the Ironclad. Send for Free Catalog or send in your order—money back if not satisfied. Ask publishers of this paper about our responsibility.

Freight Paid East of the Rockies

\$10 FREIGHT PAID



"We hatched 119 chicks from 122 eggs and 121 chicks from 125 eggs. Incubator very easy to operate. Regulates itself." H. J. ORT, Newcomerstown, O.

Ironclad Incubator Co., Romeny, W. Va.
Dear Sirs: The incubator we bought of you was the best we ever saw. I have had three hatchings. The first time I placed 120 eggs in the machine and got 109 chicks; the second time we got 119 chicks from 127 eggs and the third time 129 chicks from 130 eggs. I can gladly recommend the Ironclad incubator as the best made. Yours truly,
J. B. POWNELL

Ironclad Incubator Co., Hamlet, Ind.
Gentlemen: I am perfectly satisfied with both incubator and brooder which we bought of you as we had fine luck with them. We bought two incubators last summer—one an Ironclad and the other another make and we wish they were both Ironclads. Yours truly,
MRS. C. E. DAY

Ironclad Incubator Co., Manito, Okla.
Dear Sirs: I received incubator and brooder all O. K. and they were in good shape. From the first batch I got 112 chicks from 125 eggs. How is that, as I never run an incubator before. I think the Ironclads are good in every way. Yours respectfully,
W. DORSEY, R. No. 4

Ironclad Incubator Co., New Cumberland, Pa.
Gentlemen: I had very good success with the Ironclad incubator I bought of you last spring. I had two hot air incubators on trial but give me the hot water. I think I will get another Ironclad in the spring. I cannot say too much for your incubator. They are very easy to operate. After you get the right temperature there is nothing to do but turn the eggs and fill the lamp. Yours respectfully,
C. P. CHAPMAN, P. O. Box 183

Ironclad Incubator Co., Manito, Okla.
Dear Sirs: I received incubator and brooder all O. K. and they were in good shape. From the first batch I got 112 chicks from 125 eggs. How is that, as I never run an incubator before. I think the Ironclads are good in every way. Yours respectfully,
W. DORSEY, R. No. 4

fatteners, whose establishments are a few miles away in East Flanders. The birds are given freedom to wander at will. The soil suited the birds, which found shade and shelter among the pines. What is the result? On my last visit I found that large areas formerly covered with trees have been cleared and turned into market gardens, from which excellent crops are obtained, and the process is extending on all sides. Increased prosperity of the people, growing villages, better dwellings tell part of the story. The peasants attribute this enormous economic improvement to their fowls, with contributions from the trees by fallen spines. The tendency of larger operators is to neglect or ignore what appears to be of small individual value, but the time has come when we must recognize the influence of poultry by means of their manure, as we have upon agriculture generally.

MARTINSBURG, W. VA.

The first show of the Berkeley County Poultry and Pet Stock Association which was held here Dec. 29, 30 and 31, proved to be one of the greatest surprises ever sprung on the people of this community. Until the organization of this Association less than three months ago no one supposed that there was any Standard bred poultry in this county worth consideration, but in this short time a show was gotten up with 452 entries, 80 per cent. of which were bred and raised in Berkeley County, of a quality pronounced by visitors from a distance to be as good as could be seen anywhere.

The strongest class was the Single Comb White Leghorns with 63 entries. The strongest competition was in Buff Orpingtons with 32 entries.

The largest display of any one variety was taken with 28 White Orpingtons of a class seldom seen in a small show.

The White Wyandottes, Barred Rocks, White Rocks and Columbian Wyandottes were well represented.

This show is not one of the Cross Road Mushroom Type but has come to stay. Located in a thriving city of 12,000 inhabitants, in the heart of the greatest fruit growing county east of the Rocky Mountains, where the people are wide awake and up to date, it is bound to become one of the leading shows of the country.

SINCLAIR SMITH, BROOKLYN, N. Y.

A mating list that contains a good strong argument why S. C. Rhode Island Reds and Indian Runner Ducks are a money making combination, is the 1911 list issued by Sinclair Smith of Brooklyn, N. Y. It is sent free to the readers of AMERICAN POULTRY WORLD.

Dartmoor Yards, Oconomowoc, Wis., Chas. S. Brent, proprietor, breeder of Cornish, has issued a new mating circular for 1911, and will be pleased to send it to anyone interested in the breeding of these excellent birds. Mr. Brent deserves credit for sending his birds the long distance to Madison Square Garden show, and he was rewarded for his enterprise. See report of the show, published in January issue.

E. O. JONES, WEST PAWLET, VT.

E. O. Jones of West Pawlet, Vt., has made good in his efforts to breed prize winning White Wyandottes. Throughout the State of Vermont interest in White Wyandottes is very keen, and as a result competition in this variety is very warm at all the shows held in the state, consequently the following winning made by Mr. Jones' entries are highly creditable. At Middlebury his birds won 1 hen, 1 pullet and 2 cock; at Rutland, he won 1-3 hen; 1-3 pullet, 2 cock and 3 cockerel. This winter at the Jamestown, N. Y., show, he won several blue ribbons along with White Wyandotte cup and all specials. Mr. Jones has several very choice pens mated for the egg trade. Look up his ad in this issue.

H. E. HUMPHREY, GREENWICH, N. Y.

Humphrey's Single Comb White Leghorns have the type and style to make them winners at such shows as Boston, Cleveland, Ohio, New York State Fair and Madison Square Garden. We visited Mr. Humphrey's yards and found quality in keeping with his show record and feel justified in saying that any one purchasing eggs from him will get good value at a moderate price. He has some nice breeding and laying stock to dispose of. For particulars address H. E. Humphrey, 18 Cottage St., Greenwich, N. Y.



LIGGETT EXHIBITION COOPS

Leads them all.

Send for Catalogue and Prices.

F. L. LIGGETT
Dept. O., BRADFORD, ILL.

Barred Plymouth Rocks

Winners at Paterson, Hagerstown, Trenton, Orange 1909, 5 1st. Red Bank 1910, 5-1st, 2-2nd, 1-3rd, 4 Silver Cups, \$10 in Gold and all A. P. Rock Club Specials.

Eggs after January \$5.00 per sitting.
A. SCHROEDER, Red Bank, N. J.

THE IMPROVED CHAMPION LEG BAND



Aluminum or copper, two sizes, adjustable to fit any fowl. Held by double lock. They can't lose off. Initials, 10 cents per hundred extra. Also Pigeon Bands.

THE SUPERIOR is securely locked; can't lose off; six sizes. State breed and sex. Price postpaid, either kind, No. to suit, 12, 15c; 25, 20c; 50, 35c; 100, 60c. One sample for stamp. Circular free.
T. C. ADWALLADER, Box 966, Salem, Ohio.

BRED TO LAY FREE RANGE BRED TO PAY S. C. WHITE LEGHORNS

We are offering at attractive prices, some choice yearling hens for breeders. These are the large, vigorous bred-to-lay kind. A limited number of Day-old Chicks for April, May and June delivery at 12½ cents each in 100 lots, 15 cents each in less than 100 lots. Eggs \$1.50 for 15; \$8.00 per hundred. Write your wants. Satisfaction guaranteed.

SANDS & BEILMAN, Box 136, HAWLEY, PA.

WOODCREST PARTRIDGE WYANDOTTES

Win at the biggest show of the year, Boston, Mass., both 1-2 pens, 1-3-5-6 cockerels on four entries. Special for the best colored male and many other prizes. At Providence, 1 cock, 2-3 hens, 1 cockerel, 1 pullet, special for the best male of the breed and another for best colored male. My birds are of the M. H. Coffin Strain and are brilliantly colored and beautifully penciled. I have a large stock of show winners and grand youngsters for sale; cockerels that will delight your eye; pullets that will make you a winner. Eggs after March 1st, \$5 and \$10 a sitting. I can fill your needs in any line.

CHARLES H. WOOD, 340 Main Street, WORCESTER, MASS.

Cook's Single Comb Brown Leghorns

Won at Madison Square, Philadelphia and Pittsburg. Some fine exhibition and breeding birds for sale. Eggs from the above winners, 50 cents each. No baby chicks. Circular free.

FRED H. COOK, BEAVER, PA.

The Egg and Baby Chick Season is Here

Bear in mind that we have extra good stock and best equipment for selling and know how to handle and ship both. Now is the time to pick out your date and we will come as near as is within the power of a well-conducted plant. "Ringlet" Barred Rock, S. C. Rhode Island Reds and S. C. White Leghorn Chicks. A patron reports 407 eggs from ten pullets before 7½ months old. That shows results. Place your order now that your profits may be realized. Be sure its "Crystal Spring" and take no chances. Only first-class trade solicited. We sell chicks and eggs. No catalogue. Ask for your copy.

CRYSTAL SPRING FARM, C. B. Snavelly, Mgr., R. R. No. 6, LITITZ, PA.
"Quality never fails to win recognition"



HOUDANS & HOUDANS

are rapidly taking the place of other laying breeds as egg producers. *Houdans* are absolutely non-setters, and having no combs to freeze, are valuable winter layers. *Houdans* lay in the winter, spring, summer and fall—almost all the year. *Houdans* lay at 4 to 5 months of age. Our *New Houdan Book* will soon be ready, and is replete with information and fine illustrations. Send 10c for postage. It is worth dollars to anyone interested in poultry in general, and *Houdans* in particular.

DR. G. W. TAYLOR, Box A-1, ORLEANS, IND.

**INTENSIVE AND EXTENSIVE
POULTRY KEEPING**

By H. H. Stoddard

[EDITOR'S NOTE.—The first installment of this very interesting article appeared in the February issue of AMERICAN POULTRY WORLD. Mr. Stoddard has long been identified with the poultry industry and his articles should be read by every one interested in poultry.

THE TILT BOX

Let the scratch pen consist of a box riding on an axle, or in other words let the box take the place of the scratch pen. All these pens or boxes are clamped, by ordinary bolts and small pieces of wood, to one axle running the whole length of the row. The axle may be of pieces of iron pipe of any desired calibre, screwed together and pinned to prevent unscrewing. Tilt boxes for mature fowls must necessarily be large, and to prevent the great weight must be constructed mainly of thick strawboard such as is used for large packing boxes, this being stayed and stiffened by wire. For young birds half inch lumber may be used in place of the materials mentioned. The boxes must be furnished not with long litter, which would spell failure, but with chaff, short cut hay or straw, mixed with small chips from the woodworkers factory to give weight, the refuse from shoe shops, the broken stems and trash when clover or alfalfa is threshed, or any sort of litter that is short and reasonably heavy, so that it will not slide exactly, but roll and tumble rather, when tilted to an angle a little steeper than forty-five degrees. In some cases gravel or broken shell may be mixed in, to give weight.

Now, suppose that, to begin with, the boxes are all on a level. Grain is dropped automatically and simultaneously by a mechanical device which is over the litter of every box in the series, these droppers being all connected and under the control of the poultryman at one end of the row. Next, the boxes are tilted to a slant nearer perpendicular than horizontal, resulting in a winrow of mixed litter and grain piled at one side of each box, and then the boxes are brought back to the original level.

Where are the birds during the tilting process? A superficial writer once rushed into print to the effect that Stoddard's tilt box capsize birds, litter, grain and all topsy turvey in a wild scramble and hodge podge. Nay, nay. Before the tilting begins

all the birds are tolled out of the tilt boxes quicker than you can say Jack Robinson. That which fowls can be trained to do, and mind you, very easily and quickly too, is perfectly astonishing. Trained easily in certain respects I mean, but not in others. Where the foundation is laid in their natures it is easy, but where foreign to ancestral habit it is difficult or impossible. Now you can call fowls by sound, because for ages and aeons they have called each other that way. You may whistle, drum on the feed

pan, tinkle a bell or say, "chick chick chick". Any old way, only stick to it a few days and they will come a running. Now take notice. A small feed room, adjoining each tilt box, has a feed dropper over it, controlled as is the dropper over the tilt box, by the operator at a distance. When he works the dropper over the feed room simultaneously a bell is rung automatically. Presto change! You will not find in a row of fifty tilt boxes a single bird remaining, unless there is one sick or a cripple, after four sec-

OUR PARTRIDGE WYANDOTTES

Were the Sensation of the big Albany Show and were admired over all other birds. Our first prize pullet won grand special for best parti-colored female in show. We lead the world. Eggs from these winners, \$5 per sitting.

CHAS. B. McEWAN,

ALBANY, N. Y.

ELM FARM

Rose and Single Comb Reds

Single Comb White Leghorns

White Plymouth Rocks

Made a great record at Schenectady, Troy and Albany shows this season. We won more than our share of the Blues. We breed for heavy egg production but along Standard lines. Our matings are select, every bird in pens will score 90 and over. We guarantee every egg to be fertile. Stock for sale, also eggs by the sitting, 100 or 1,000. Send for catalogue. Visitors always welcome.

ELM FARM,

E. E. Wells, Manager,

COHOES, N. Y.

64 ACRES DEVOTED TO RAISING ORPINGTONS

Kellerstrass Crystal Whites. Blacks and Buffs of the better kind. 30 pens mated for the egg trade. Send for mating list.

SANDY LICK POULTRY FARM,

Office, 966 Liberty Ave.,

PITTSBURG, PA.

L. O. Kettering, Prop.

J. W. McGinnis, Mgr.

Bell Phone, 9286 Grant. P. and A. 431-M.

Read's Single Comb Rhode Island Reds

The line bred quality kind, with a winning record at New York and Boston. Eggs for hatching from best pens at \$5.00 per sitting. Mating list giving description of stock mated mailed on application.

FRANK D. READ,

BRIDGEWATER, MASS.

MARCH ISSUE OF RELIABLE POULTRY JOURNAL

CONTAINS

Frontispiece by J. C. Punderford

Barred Rock Symposium

Boston Show Report—F. L. Platt

More about Indian Runner Ducks—

Mrs. Andrew Brooks

The English Orpingtons and How Produced—

Miss S. Carey

Buffalo Show Report—F. L. Platt

Profits in Pekin Ducks—Mrs. Lee Chaney

DEPARTMENTS, namely—Practical, Health and Disease, Standard Bred, Speciality Clubs, Woman's Table, Everybody's News Items, Southern, Pacific, Western News Notes, Eastern News Notes.

Columbian Plymouth Rock Article—

Dr. E. B. Kaple

Judging Mature and Immature Fowls—

F. L. Sewell

Breeding Exhibition Barred Rock Cockerels—

W. D. Holterman

Incubating on a Large Scale—R. P. Ellis

Visits to Poultrymen—F. L. Platt

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BEAN'S COLUMBIAN ROCKS

My strain leads in correct color markings, size and the desirable Plymouth Rock shape. Their winnings at America's leading shows prove this

<p>Philadelphia, December, '10 3 cock, 2-3 hen, 1-4 cockerel. Cup for best display. Gold Special for best male.</p>	<p>Baltimore, January, 1911 1 cock, 1 hen, 1 cockerel 1 pullet, 1 pen and all Specials.</p>	<p>Buffalo, January, 1911 2 cock, 1-5 hen, 2-4 cockerel, 2-4 pullet, 1 pen. Sweepstakes Silver Cup best display. Best shape female.</p>
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These birds will all be in my breeding pens this season. Besides these, I purchased the First Prize Buffalo Cockerel. No other breeder can show such a record. Start right. Get the best. Come to headquarters. Stock or Eggs. Write for prices. Satisfaction guaranteed.

FRANK G. BEAN,

Box W.

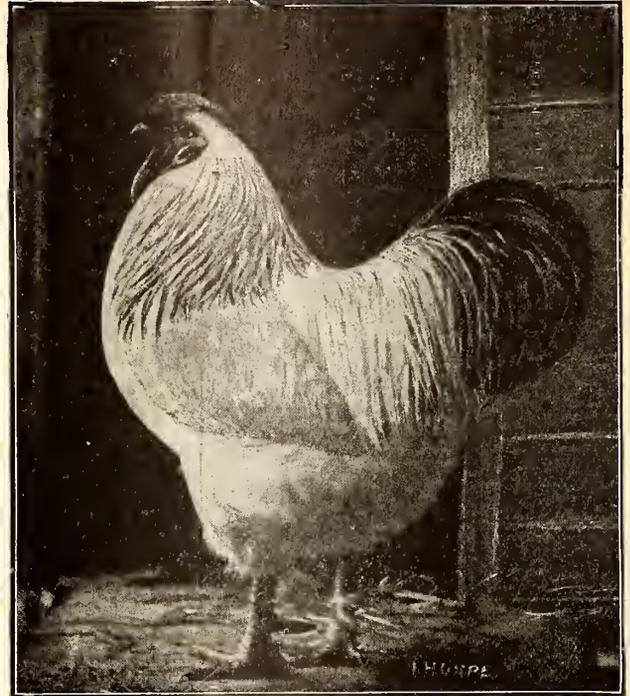
COLLEGEVILLE, PA.

onds have elapsed. Automatically they are shut into the feed room while the tilting is going on, and automatically they are released when it is over. The certainty, ease and dispatch are surprising. I have dropped grain, signalled and tolled out birds, dropped again, tilted boxes and restored them to level position, and let birds in to begin scratching in 30 seconds for 50 flocks—less than half the time Mr. Enthusiast used in kicking straw for one flock and opening and closing the scratch pen door twice. I was over one hundred times as fast, and that is going slow, and besides it was easier work. This by long hand levers, but, in the not distant future it will be done by power, started at desired intervals by clock work attachment, (every half hour will be about right) the feed droppers being loaded for several days, and contrived to drop only a very little at a time. Reader, please observe the application here of the good old "little and often" rule. It is just the thing for small chicks especially, and as for layers it is nature's way. The old rubber boot plan is good in certain cases and beats nothing all to pieces, but often it gives grain when some of the layers are on the nest. They need it more than those which perchance are not laying except to lay off, yet by the time they are off the nest the best pickings are over with. Once or twice a day is as many times as the ordinary scratch pen is worked, and twenty minutes is as long as the principal scratching lasts. Try to make it last longer by deepening the straw and you will discourage and pretty much stop scratching. Too much grain satisfies hunger and gives the same result, too little lessens incentive and you underfeed your flock at the risk of checking laying. But with the tilt boxes installed; every time the poultryman passes, which will be often in a large scale establishment, he can stop to work the levers, knowing that by a few motions of his good right arm he can start other muscular motions as the sands of the sea for multitude. But better yet the engine, as before hinted, must do the job, the same engine that will do screening, mixing and other things, including pumping it may be, or supplying electricity for storage batteries to run the auto to gather eggs at distant stations, if, as will be probable, the intensive and extensive systems are carried on at different parts of the same farm, to deliver eggs and birds and haul grain and other supplies.

Reader, do not for a moment allow the idea in your head that I am romancing in the least. Modern improvements are all to be drawn upon as fast as they appear, yea even nameless things now unknown, and as exquisite as wireless telegraphy. When the lad upon the pony (A.P.W., Oct., 1910, p 820) rides to 70 scattered buildings in 30 minutes to open feed hoppers, that is a noteworthy labor-saving feat. But every reader of Prof. Dryden's excellent account (which by the way is one of many features reflecting great credit on the management of this periodical, and making it one of the best special magazines, in any or all lines, in existence) every reader, I say, must have

asked: "Why should the rider have to mount and dismount seventy times; why not have it so he could 'push the button' from his seat in the saddle?" this one point illustrates the whole philosophy of labor saving. Why go around at all, why not open the hoppers by electricity? Make scientific use of your imagination, my good reader, and conceive the commercial poultry farm of the future where the manager, not of 6000 layers, as in Mr. Roerdon's case, but of 100,000 layers, while talking with a friend, feeds the whole shooting match and does not interrupt the conversation at all, in fact the listener does not notice when he does it.

We alluded to the many generations confinement. The Asiatic breeds of canaries have been kept in very close poultry offer a case parallel in some



A FENTON FARMS WINNER

A first prize winning Columbian Wyandotte male, bred by Walter G. Fenton, proprietor of Fenton Farms, Mt. Clemens, Mich. This is one of the largest plants in the world devoted exclusively to this popular variety.

THE PARTRIDGE COCHIN

Bred by us for 17 years are those low down heavily feathered kind that you are looking for. Look up our winnings.

H. J. FULLER,

R. F. D. 7,

SCHENECTADY, N. Y.

VERMONT'S FAMOUS WHITE WYANDOTTES

Again win every first prize at the Vermont State Poultry Show at St. Albans, Vt., January 17-20, also National White Wyandotte Club Silver Cup and shape and color specials. Eleven first prizes and all specials at 1909 and 1910 Vermont State Fairs. If you want the winning, laying kind, I have them. Cockerels, Eggs and Baby Chicks. Mating list free. Satisfaction guaranteed.

GEO. M. BEECHER,

WEST PAWLET, VT.

ROSE COMB BUFF ORPINGTONS THE GOLDEN STRAIN

Ten years devoted to Perfecting the Rose Comb Buff Orpingtons, their beautiful Golden Buff Color; large size and grand shape. They are never defeated in the show room. At the Kansas City, Mo., State Show, they won 1-3 cock, 1-2 hen, 1-2-4-5 cockerel, 1-2-3-4 pullets, also winners at Madison Square, N. Y., Chicago, Cleveland, Detroit, Cincinnati and many others. 24 acres devoted to Rose Comb Buffs exclusively. Send to the man for stock and eggs, who can and will furnish the Best to be had. Send for mating list.

S. D. LANCE, Prop.

C. O. Penrod, Mgr.,

TROY, O.

CHRISTY FARMS

S. C. WHITE LEGHORNS

Persistent Layers that win. During the last five years they have won at Buffalo, Boston, Auburn, Rochester and New York State Fair. They have been bred for prolific egg production for ten years. Large, lust cockerels, \$3. Day-old chicks. Eggs from exhibition matings, \$2 per 15 and up. Incubator eggs, 100 \$5, 1,000 \$45.

COLUMBIAN WYANDOTTES of the same high quality. Mating list free.

W. R. SPERRY,

Box H,

CORTLAND, N. Y.

respects. To have thrift continuously in extremely close confinement; do not select breeds like the Leghorns, but the sluggish modern descendants of legarthic Shanghais or mixtures. In a very ancient form of civilization, and very likely with a species other than Gallus Bankiva to start with, Oriental peoples cultivated a breed of fowls that hate exercise as much as the European breeds love it. A yard of generous size causes Cochins to take no more exercise or at best but very little more than if they were in cramped quarters affording but 2 or 3 sq. ft. per bird. Who has not been disgusted at their behavior when they were offered a wide range? It is like pearls for swine. Go to the top of the scale of life and find many an elderly business man of robust vigor, who has for thirty years ignored all admonitions for physical exercise, worked hard as a galley slave, and diverted the tides of energy from muscles to brain until he has reached such a condition that his doctor says ordinary physical exercise would now injure him.

Yet a canary, a lumpy fowl partly of Asiatic blood, and a financier in abnormal condition, these do not overthrow the grand physiological principles of fresh air and exercise, twin blessings that it should be a pleasure for poultry keepers to cherish. I envy not the position of whoever labors to see how little of these he will give, instead of how much.

We have shown how scratching, when but a little grain is supplied at a time and that many times a day gives a great amount of exercise. But the two other forms of activity, running and flying, can be given also by means of

NARROW RUNWAYS

Instead of one large yard for a flock, build two very small ones several rods apart with a feed dropper over each. Connect these little yards by a wire runway two ft. high and eighteen inches wide. You see the same quantity of material ordinarily used to enclose a sizable yard can be used for this runway. A yard commonly affords very little exercise indeed unless it is monstrous in size. There is no incentive to move about and the occupants stand around moping most of the time. Now the runway gives a great deal of leg exercise and to give wing exercise also build a strip of the runway 10 or 12 ft. long to a height of 5 or 6 ft. in which place a cross fence that can be adjusted at pleasure to different heights. Begin with a foot or so high and gradually raise it to 3 ft for Asiatics or 4 or 5 ft. for Leghorns. Have rows of the small yards and runways for as many

flocks as you choose, each yard with its dropper, and one operator can work the droppers at each end of the runways alternately for acres of birds without moving from his tracks. It is a very showy affair when, in a long line of runways, rows of birds run on double quick in parallel files with the precision of so many companies of soldiers, fly on top of the fences then down and on again. The bait that causes them to make the trip is but a few spoonfuls, is quickly devoured and then after a wait of a minute or two the signal can be sounded (any-

thing will do, a bell, a whistle, or a stroke of a hammer) and the whole force of hundreds of birds will double-quick on a countermarch to get at the

10 Cherry Trees \$1.95

These 10 Hardy Cherry Trees—pronounced by Mr Green the best varieties on earth, to you for just \$1.95. Every one a first-class, largest size, 2-year-old tree. Read the list. One Dyehouse, three Early Richmond, five Montmorency, one English Morello.

This is only one of many Bargain Collections of trees to be found in our 1911 Catalogue—larger, finer and better than ever before. Send for it.

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Green's Trees
DIRECT TO YOU.

We have no agents—sell direct only—our prices one-half what agents charge. All trees triple inspected and free from scale or other contagious diseases. We have customers who have been on our books twenty years and more. Is not that proof that we please? Will send with Catalogue our souvenir book, "30 years with Fruits and Flowers."

GREEN'S NURSERY CO., Box 50, Rochester, N.Y.



Chicko ROUP AND COLD REMEDY

Unsurpassed for Bronchitis, Canker, Catarrh, Diphtheria, Pip, etc., in Poultry and Pigeons. Price 25 cents postpaid. Send 6 cents and your dealer's name for a generous trial package.
HENRY W. DICKER, Department 7, CLEVELAND, OHIO

CORNISH'S S. C. BUFF LEGHORNS

THE LEADERS

They are winners, layers and payers. They have won more honors at Madison Square Garden than any other strain in existence. My pen No. 1 this season, is headed by a cockerel valued at \$500. Write for my 1911 mating list and my 30 page illustrated catalogue.

E. D. CORNISH, S. C. Buff Leghorn Specialist, NAPLES, N. Y.

MADRIVER PLACE

R. C. RHODE ISLAND REDS — BLACK ORPINGTONS

BLUE RIBBON WINNERS

HEAVY LAYING STRAINS

EGGS THAT HATCH — STRONG CHICKS THAT GROW

PRICES LOW

BARTON & McKINNON, Office, 124 E. Col. Avenue, BELLEFONTAINE, OHIO

WHITE ORPINGTONS

"OF THE BETTER SORT"

We started to breed White Orpingtons in 1904. The best stock I could buy at that time was almost yellow and full of Buff and Black feathers. Having had experience with Stay White Wyandottes and Plymouth Rocks, we realized that the White Orpingtons would have to be bred pure white.

We believed in White Orpingtons and started in to breed them White. We have never introduced any foreign blood but year after year we have been going up. We have now reached the White Goods Department. We can place you in one season where we have reached after several season's work. Are You "Going Up"?

Our breeding males are pure White and stay so. They live in the Sun and eat yellow corn, but Stay White. Eggs from such stock, \$5, \$10, \$15 per sitting, fertility guaranteed. Send for circular.

NOW ALTOGETHER

Start with White, that's right, Orpingtons "of the Better Sort" are now in sight,

MOUNTAIN VIEW FARM, E. A. Haring, Owner, SOUTH KENT, CONN.
ORPINGTONS OF THE BETTER SORT, BUFF, BLACK AND WHITE

COLUMBIAN WYANDOTTES

At the late Chicago Show, they came in second as regards numbers, "Strain show which way the wind blows." Birds in our customers hands have again won a good share of Blue Ribbons at New York, Boston and Chicago and in the leading shows of Canada. The last time we showed was at Madison Square Garden, where we won four Silver Cups, including the Championship Cup for best collection. This cup we won two years in succession. Our matings are fewer and better this season than ever before and are in a position that will prevent us from hatching many eggs. We shall offer them cheap for quality of stock. We have some very fine females for sale at \$5 each. Eggs at \$5 per 15; \$9 per 30; \$12 per 50; \$20 per 100; \$30 per 200. We guarantee an average of 10 chicks to each egg and if they do not hatch we will duplicate the order at half price.

AUG. D. ARNOLD, BOX D, DILLSBURG, PA.

feed jarred out of the droppers over the other row of small yards or rather covered feed pens. In 3 or 4 minutes I have given to 20 flocks of 40 each more exercise than they would take all day in an ordinary yard. Besides the brisk round trips the operator causes by working the apparatus the birds will take many slow journeys in the course of the day on their own hook. "Let's go and see what there is good at the other end."

The tilt box is for many fowls housed on a small area and therefore belongs to an intensive system. The out o'doors runway demands more land and is part-way between the intensive and extensive systems. It is especially adapted to pedigree breeding if there are so many flocks and so little land that free range cannot be afforded for them. This is emphatically the age of machinery. It is as out of date and completely medieval to keep poultry without it, barring, of course, the chest on the city lot and the small flock of the farmer or ordinary family, as it would be to banish the plow and stick to the spade in farming. Machinery will be also used more than now for doing chores in the case of cattle, horses, sheep and swine. At present it often takes more time to do chores when the larger domestic animals are kept than it does to raise the feed for them, because hitherto invention has been more rife in producing grain and fodder than in feeding it out.

"All breeding animals must have exercise", no matter whether they are bipeds or quadrupeds. The continual complaint that high priced eggs sometimes do not hatch well, is owing more to lack of exercise of the parent stock than to any other cause or to all other causes combined. While the use of apparatus for increasing exercise is efficacious in giving vitality to eggs designed for hatching; its effects are even more palpable and more quickly discovered in the case of chix in brooders. Merely throwing grain for the little fellows on top of a pile of litter does not amount to much. No matter how loose the litter may be when first put in their scratch pen, the constant tramping makes it a compact sodden mass, and the feed

will not rattle down through it. Throwing them feed induces a momentary lively scramble, but very little scratching. Now try and experiment fairly and carefully. Divide fifty chix four days old impartially into two groups of twenty-five each. Put one group into a brooder without



SECOND PRIZE CK'RL AT PHILADELPHIA SHOW 1909.
Bred Owned & Exhibited By
FAIRFIELD POULTRY FARM FAIRTON N. J.

A FAIRFIELD WHITE ROCK

The winnings of Fairfield Farm White Rocks at many of the leading shows is an indication of the quality produced by them. The above illustration shows one of the many high-class specimens that will be found in their breeding pens this season.

a tiltbox; and the other into a brooder exactly the same in all respects save that the latter has a tiltbox along side; treat both groups scrupulously alike as regards sun, air, feeding, watering and everything else down to the smallest details, and then compare the two groups every week until two, three, four weeks have elapsed. The contrast will be simply marvelous. A great deal of exercise, not merely a little, is just what artificially reared chix need. It goes right to the spot. Brooder chickens have not been allowed, one case in fifty, a full plenty of exercise, in winter especially. The young of all gallinaceous species of birds are so constituted in their essential physical nature that a great amount of exertion is absolutely necessary, not only to thrive but to life itself. They are so constructed that without almost continual activity of their organs of locomotion, all day, the proper balance between their muscular system and their digestive and respiratory systems is lost. Their

LIGHT BRAHMA

Eggs from good stock, \$2 per 15. Won past fall and winter, 117 first and second prizes, besides many cups, medals and other specials.

CLAUDE E. COE, LEXINGTON, OHIO

American Dominiques Carter's Dominiques have won 44 blue ribbons in three seasons, at Bost., New York, Providence, Buffalo, Portland and Freeport. More than all the others combined. A few good birds for sale at honest prices. Circular free. A. Q. CARTER, Freeport, Maine.

PRIZE WINNING

S. C. BUFF LEGHORNS AND BARRED ROCKS

Won at Easton, Nazareth and Allentown, Pa.

Egg orders booked.

F. F. HELLER, R. 1, BETHLEHEM, PA.

The Putnam Poultry House adapted to the intensive method, can be changed in two seconds from perfectly tight bonse to open scratching shed, or an open covered yard. Rat and cat proof at all times. Houses 100 chicks or 10 hens, made in five sections, bolts together, 4 ft. x 6 ft. Costs to build about \$5. I sell complete bonse for \$15, or plans and permit for one house for \$1. To every buyer of bonse or plans, I will send free plans for trap-nest, soap box fireless brooder and snre feed, no waste feed bopper, all easy to make. I. PUTNAM, Patente, 901-A. W. Water St., ELMIRA, N. Y.

HEAD LIGHTS

Nixon's White Wyandottes

EGG SEASON

Charles Nixon, Literature, Box 404, Washington, N. J.

RED ROBE POULTRY PENS

My trap-nested Single Comb Rhode Island Reds win for me and my customers. Fresh honors at Racine. The 200-egg hen is here. Pedigreed Stock for sale at reasonable prices.

EGGS FOR HATCHING

DR. W. H. HOLMES, Proprietor

1315 Main Street, Evanston, Illinois

Up-to-Date White Orpingtons

Cook, Kellerstrass and Philo Strains

Eggs, \$2 to \$4 per sitting

Send for Free Circular

G. A. Phillips, 613 Avery Ave, Syracuse, N. Y.

BUFF COLUMBIANS

THE COMING BUFFS

Handsomest, Largest, Most Vigorous of Columbians

No finer birds to be found than in my "Originator's Strain" of these grand varieties—Buff Columbian Wyandottes and Buff Columbian Rocks.

Guaranteed eggs, baby chicks. Early orders earn liberal discount. Extra setting free to first A. P. W. customer from each state.

EWD. CONE, MUSKEGON, MICH.

SINGLE COMB

Brown Leghorns Exclusively

"THE BREED THAT LAYS IS
THE BREED THAT PAYS"

All stock grown on free range. Breeders selected by trap-nests for fall and winter laying. Chicks are large and healthy and are the easiest to raise of any strain, pullets maturing early into veritable egg machines.

Get my prices now on eggs and day-old chicks of quality. May and June chicks at reduced prices, send your orders early.

Correspondence Solicited,
Satisfaction Guaranteed.

E. S. CHANDLER, R. F. D. 2, RICHVILLE, N. Y.

whole constitution becomes impaired because the equilibrium of vital forces ordained in nature has been broken up.

Professor Dryden's paper above cited shows that the time of attendance can be made less when buildings are scattered and movable than it takes when they are continuous or near each other and stationary. It may be laid down that the extremely intensive plan is the more prodigal of labor by a tremendous per cent, that the moderately intensive comes next, the half-way between intensive and extensive next, and for the greatest labor saving possible, and for the most natural, health giving, enjoyable, and to-be-proud-of, and best all round, use the

COLONY PLAN

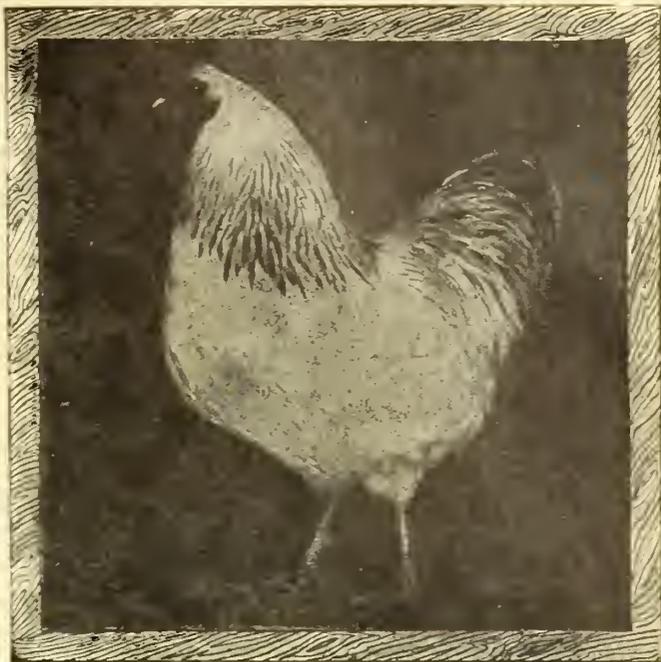
Even with this plan machinery is bound to have a scope that is almost unlimited. When we think of the first methods of marking cloth, smelting metals and so on, and see how even in one generation of 33 1-3 years, changes have appeared that have transformed industry; we must, to be reasonable beings, predict great advances in methods of keeping commercial poultry. At present, in the colony system, the use of team and wagon, plow and harrow to sweeten the soil and cover grain speedily for scratching purposes, and the haytedder in connection with the horserake to cover grain with litter; these agencies are obvious enough, but are but an entering wedge. Refinements and improvements are sure to be added just as the power loom superceded the hand loom. The driver seated on the tedder will, of course, scatter grain for a small distance only near a colony house, and will then "run empty" till he reaches the vicinity of the next, and so on. Now the birds are vastly more observing than they are given credit for. They will run to meet the tedder and get in the way before the grain is covered by the flying straw. The horse must be made the center of a great cowcatcher, no a fowlcatcher to fend off the birds. "Fender," that is the name for it. To the pole, or shafts if one horse is employed, or best of all to the auto, for horses are medieval, must be rigged a framework projecting ahead and for some distance right and left, and from this must be suspended a fringe of leather thongs like that on a flynet or like that which used to be hung over a track, in the barbarous stage of railroading, to say to freight brakeman: "Low bridge, look out!" This fringe must just graze the ground and will keep the birds away from the advancing apparatus. Now the driver should not sow the grain by hand, as shown in the pictorial bible illuminating the text of the sower who went forth to sow, but instead a variation of the drill seeder should be fastened ahead of the tedder and a cut off arranged so that driver may distribute feed only in the vicinity of a winrow near the rooster quarters and laying quarters.

While speaking of scratching, though grain is commonly assumed, really, when we come down to the brass tacks, in tilt box, or on the open colony range, or in the ordinary

scratch pen now in use all over the civilized portions of the globe; no very considerable part of the whole feed should be used, or there will be great difficulty in knowing just how much grain should be dealt out every twenty four hours with little or none left to encourage rats and mice.

The feed hopper should afford access to all they choose to take, of mild, bulky, and comparatively uninviting stuff, such as bran and alfalfa meal. The main staple allowance of grain should be given by hand, straight, so as to stop at just the instant eagerness stops. Small quantities of specially inviting dainties, such as sifted beef scrap or other

dry animal food, in fine particles, but not too fine, should be reserved for the scratching business. Something they will regard as a luxury, even if



A prize winning Columbian Wyandotte Cockerel, bred, owned and exhibited by Harry B. Miller, Clark's Summit, Pa. Mr. Miller has produced many fine specimens of this popular variety.

BLACK SPANISH

was awarded at Madison Square Garden, New York, December 27, 1910, 1st cock, 1st hen, 1st cockerel, 1st pullet. During the past twenty years have won hundreds of first prizes, many cups and special prizes. Eggs, \$3.00 per 13, \$5.00 per 26.

R. A. ROWAN. 200 H. W. Hellman Building, LOS ANGELES, CALIF.

Black Minorcas



Rose and Single Comb

January 15-22, at Boston and Burlington, we won 3 silver cups, 10 specials, 8 firsts, 4 seconds, 1 third. Add our Allentown, Hagerstown, Wilmington and New York winnings and decide where to place your orders.

J. S. KNIGHT, Removed to AMBLER, PA.

"Blood Red Strain" Single Comb Rhode Island Reds

Eggs from our noted winners are \$5.00 per 15, guarantee 10 chicks. Stock in fall. Order early

J. A. ROSE & CO., Dept. B, SCRANTON, PA.

At the Great International, Buffalo, January, 1911 My "Champion" Partridge Wyandottes

Again proved their right to the above title. They made a record that will not be equaled in this variety for a year or two at least, viz: Cocks, 1st and 2nd; Hens, 1st and 2nd; Cockerels, 1st and 2nd; Pullets, 2nd and 3rd; Pen, 1st. Specials for Best Male and Best Female; Special for Best Display, and Grand Sweepstakes Special, Silver Cup for Best Exhibit Wyandottes, any variety.

Eggs \$5.00 per 15, straight. Stock for Sale. Send for Mating List.

DR. C. M. BASKERVILLE, Box W, MT. PLEASANT, MICH.

Lichtenwalter Quality Buff Rocks are Prize Winning Buff Rocks

CLEVELAND, OHIO, 1911, 1st cock, 1st, 5th Cockerel, 1st, 3rd pullet, shape and color specials MADISON SQUARE, NEW YORK, 1910-11, 2nd cock, 3rd pullet

I am offering some exceptionally fine Breeding Cockerels and Pullets possessing true Rock shape, low combs, bay eyes, perfect buff surface and under color, which qualities are peculiar to the prize winning Lichtenwalter Quality Strain Buff Rocks. I still have a few 1910 breeding hens for sale at greatly reduced prices. Eggs for hatching from my best matings, reasonable. Circular free.

E. H. LICHTENWALTER, Erie County, GIRARD, PA.

EVERGOLD has come to stand for the highest present day perfection in

BUFF WYANDOTTES

Every bird on our farm is a show bird backed by a dozen generations of the very best breeding.

Our customers win. This means you

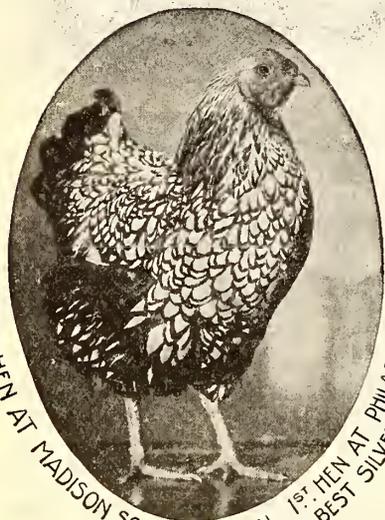
If you invest with us, Stock, eggs and baby chicks. Prices reasonable. Send for folder to Gerald Williams, Originator of the Evergolds.

FEATHER FINE FARM, WELLINGTON, OHIO

just well fed on grain, and something they will persevere in digging for.

While on the subject of feeding I digress to say that where several kinds of grain, whole or ground, are used, as corn, oats, wheat, barley, broken rice, Kaffir corn, Milo maize, millett, etc., it is a monumental mistake to mix these. If you are feeding Indian meal, feed Indian meal, and reserve ground oats for another time. Tempt them with broken rice on another occasion and with millet or wheat on still another, and so on. Commonly a great variety cannot be procured economically, but if you have it do not throw away your opportunity and tip over your own apple cart. Good old Indian corn is the mainstay anyhow, no matter what part of the country you are in. "Too oily"? Bless your good soul it isn't oily enough and a little grease of some kind improves it. "But analy-

"PRINCESS"



1st HEN AT MADISON SQUARE GARDEN 1910 CUP FOR BEST SILVER WYANDOTTE
1st HEN AT PHILADELPHIA

SILVER LACED WYANDOTTE

A noted prize winning female, owned, bred and exhibited by Dr. Henry M. Kalvin, Avenue U, and E. 15th Street, Brooklyn, N. Y. One of the most perfectly laced specimens of this variety ever exhibited.

sis shows"—never mind the chemist's laboratory, nature has a better one, and an index always a pointing, I mean the index of craving. The Negroes want a proportion of pork or fat bacon with corn cakes, the Mexicans want it with their tortillas and you want it with your Johnnie cake on the top of the shortening that was in it already. To return to the mixing topic, fowls, like all other animals, ourselves included, love variety, and it induces them to eat more. Overfeeding and overfattening are the greatest bugbears of the whole poultry business. "But I have seen hens too fat to lay." They did not stop laying because they were too fat, but they became too fat because they stopped laying. In dressing one of these non-layers to prepare an "unctuous feast", as Tom Brown would say, notice that here ovaries are aborted. Aborted by overfeeding? Not by a long shot. Bad parentage and bring-

ing up, lack of exercise, a tight fowl-house and foul air. From first to last, from the egg to the shambles, induce your birds all you can to eat, greedily, as much as possible. I said greedily, not mincingly and Peck-sniffy but heartily. With incestuous breeding, lack of exercise, and foul air, all cut out, and selection of exceptionally bright eyed, bright combed, alert parentage practiced, there will be no more danger of overfeeding than there is of a range steer overfeeding on an unlimited supply of the rich wild grasses of Texas.

In the colony system, running water that never fails, or the shore of a lake that never dries up will, of course, afford the greatest labor saving, and labor saving is the Alpha and Omega, and the key to success. But as the natural facilities mentioned are

REDS SINGLE COMB

Won 1st cockerel, 2nd cock, shape and color specials at 1911 Philadelphia show on three entries. My matings contain Madison Square Garden, Philadelphia and other winner. Eggs, \$10, \$5, \$2 per 15. Chicks \$18 per 100.

Chicks: Pen No. 1, \$1.00 each. Pen No. 2, 50c each. Catalogue.

J. H. Crossley, Box 177, Magnolia, N. J.

The Lindenwald White Plymouth Rocks

Continue their winnings of the year 1909 by winning at *Philadelphia, 1910*, first hen, special for best White Rock female and fourth cock. At *Madison Square Garden, 1910*, fourth cock. At *the Albany Show*, held January, 1911, best display, first and third pens, old; first pen, young; first cockerel, first and second hen, fourth pullet. Eggs from our prize winning matings. \$5 for 13, \$8 for 26 and \$10 for 39. Stock for sale at all times.

Our circular is yours for the asking

R. MONELL HERRBERG, Box 300, CLAVERACK, N. Y.

Keystone Farm THE HOME OF THE IDEAL STRAIN ON SINGLE COMB BUFF LEGHORNS

They are wonderful layers, winners of cups, medals and diplomas at the leading shows. Large birds, rich, even, golden buff to the skin. True in shape, with low and well spread tails. Stock and eggs for sale. Show record and mating list free

Wm. H. Schultz, East Greenville, Pa.

LIGHT BRAHMAS

Won at Connecticut Valley Poultry Show, 1-2 cockerel, 1 pullet. Won at Albany, N. Y., 1-2 cockerel, 1 pullet. Eggs, \$2, \$3 and \$5 per 15.

BARRED ROCKS: Bradley and Thompson's "Ringlet" Strains.

Eggs, \$2 and \$3 per 15.

E. C. Hewett, Granville, N. Y.

America's Best Wyandottes SILVER, GOLDEN WHITE and BLACKS

WE have 1,000 fine birds to spare, bred from our New York, Chicago, St. Louis and Cleveland winners, that have the size, shape and color that will please the most exacting lover of Wyandottes at reasonable prices. Our matings were never so fine and contain all our winners, which we will spare a limited number of **Eggs at \$3, \$5 and \$10 per sitting.** Also Crystal White Orpingtons and Golden Sebrights and Collie Pups. Large circular free

IRA C. KELLER, Brookside Farms, Box 3, PROSPECT, OHIO

BLACKMAR'S MODEL STRAIN SINGLE COMB REDS

From Their Native Home Again Victorious

Winning five blue ribbons on five entries and every special offered at the North Kingston Poultry Show, January 12-13-14, 1911. Will spare a limited number of Egg for hatching from prize matings, strong in blood lines of New York, Boston and Providence winners, \$5 and \$5 per sitting.

OSCAR R. BLACKMAR, SOUTH SCITUHTE, R. I.
Crystal Spring Poultry Farm, 70 acres devoted to Reds

Ward's White Rocks

THE QUALITY KIND

No More Stock For Sale

Eggs for Hatching, \$5.00 per 15

CHAS. H. WARD, Secretary-Treasurer W. P. R. Club, BETHEL, CONN.

Wohler's Giant Strain Light Brahmas
Winners of highest honors at Philadelphia, Baltimore, Hagerstown and Pittsburg. Catalogue with 16 photos of winners for 2d stamp
WOHLERT, R. F. D. No. 2, NARBERTH, PA.

ORPINGTONS

SINGLE COMB BUFFS EXCLUSIVELY

Seven years breeding for utility and fancy combined. Trap-nest pedigree system. Winners at Wheeling, Huntington, Fairmont, W. Va.; McKeesport, Pa., etc. Six pens mated. Eggs \$3.00 and up per sitting. Write for list.

H. H. MARSH, WHEELING, W. VA.

ATTENTION

Our winnings at Williamsport, Pa., Rochester and Elmira, N. Y., are conclusive proof that we have quality in **Barred Plymouth Rocks** and **S. C. Buff Leghorns**. We are booking egg orders (without reserve from 10 pens) containing all our winners at above shows at \$3 and \$2 per 15 eggs. A few breeders at \$2, \$3 and \$5 each.

Send for Mating List.
GAGE & HUSTON, Box D, WILLIAMSPORT, PA

not available in a majority of cases, it is in watering that mechanical devices shine with special lustre. Do not think it necessary to be everlastingly scrubbing the drinking vessels, for "time is money and with the bees it's honey." A cow is commonly sensitive to a slight taint in water and a horse sensitive to a slighter. But gallinaceous birds, bah, they follow deer and other large animals and revel in filth. Their drinking water is a different proposition. On a clean range, always kept clean by frequent moving of the buildings and use of plow and harrow, and with vigor your slogan and always living up to your slogan, a drinking vessel can be used until it rusts out and never be cleaned at all, merely rinsed by daily powerful douches of good clean water and



A prize winning White Plymouth Rock, bred by Tucker & Daybill, of Meriden, Conn. The success of this firm at several of the leading New England shows is an indication of the quality that they have in this variety.

kept at a height that will prevent dirt and trash getting into it, and disease germs will make no trouble.

Now for the very minimum of labor in watering. Your auto, or a stout team, draws a large tank after the style of a street watering cart, only instead of the sprinkling attachment have a hose of liberal size with a specially contrived cut off worked by the driver's foot. The drinking vessel, bowl-shaped and holding several gallons, is arranged to turn with a pivot and, worked also by the foot of the driver, is a device to enable him to place this bowl-shaped vessel in either of three positions, to wit: level, sloping, and topsey turvey. First he inverts the bowl, and next makes it stand moderately slanting, then douches in a stream of water with great force. Lastly, the bowl having

been brought to a level he slows down the stream by an appropriate mechanical device, fills to brim and drives on without stirring from under his big luxurious sun umbrella on which is inscribed the legend: SUNNYFIELD EGG FARM. In winter, if the colony keeper is so unfortunate as to be located in a northern or middle district, the water cart may be supplied with warm water from a large boiler, and extra trips be made in extreme weather, but this necessitates extra time and expense for fuel. The best place to locate is as good as any other place namely:

Way down South in the land o' cotton.

Transportation is king, and this one word indicates the complete transformation shown in modern life. Applied to the colony plan, saving of steps is the basic idea. But you must have a good road. Even a road fitted with light rails and carts to match, wouldn't be a very violent or Utopian proposition. Think of scudding along, my boy, in a car, carrying water, filling feed hoppers or gathering eggs! But let us for now stay on a humble dirt road, only it must be a good one. The soil of a colony farm should preferably be not sandy or clayey, but capable of being packed



A fine illustration of one of the winning Columbian Wyandotte males produced on Rock Hill Farm, Ossining, N. Y. The growing popularity of this variety is merited, as they possess all the good points of their sister Wyandotte varieties, with the beautiful feathering of the Light Brahmas.

**BLACK LANGSHANS BUFF ORPINGTONS
INDIAN RUNNER DUCKS**

500 Specimens of each to select from.

Prices to suit the Customer.

Eggs now ready.

BEN S. MYERS,

CRAWFORDSVILLE, IND.

STRUBLE'S S. C. BUFF ORPINGTONS

Without Superiors in Shape, Color or Size.

My strain have the true massive Orpington type with large bone and rich golden buff. They have been winners repeatedly of highest honors at Madison Square Garden, Cleveland and other foremost shows. Some high-class breeding birds and exhibition stock for sale. Write your wants and let me describe the birds I can send you.

Mention A. P. W.

Z. D. STRUBLE,

BASCOM, OHIO

ANDREW'S WHITE WYANDOTTES



At Boston, 1911, won at the greatest White Wyandotte show ever seen in America: First and fifth Cock, first and second Cockerel, in a class of 60, and first Pen for the fifth successive time; also sixth Hen and sixth Pullet. Special for best shape male and best color male. Best display, and National White Wyandotte Club Silver Cup for best Cock, Hen, Cockerel, Pullet and Pen. Also had first and second Cockerel, Boston, 1910.

The above record was never equalled by any other breeder of White Wyandottes in America. Eggs and Stock for Sale. Send stamp for mating list and book orders early.

J. W. ANDREWS,

Box W,

DIGHTON, MASS.

BABCOCK'S BABY CHICKS

WHITE ROCKS

S. C. WHITE LEGHORNS

A superb strain of heavy laying utility birds, bred to Standard requirements. Reared on unlimited range, are large, vigorous and handsome. Vitality Baby Chicks, hatched in our 14,000 egg Cyphers Mammoth Incubator, delivered at your door, safe arrival guaranteed. Eggs for Hatching.

CATALOGUE FREE.

Babcock Poultry Farm,

F. M. Babcock, Prop.,

Box W,

Fredonia, N. Y.

down like putty under the knife, as the famous Nebraska "loess" soil. Run the auto in a little different place every time so as to make no ruts, but compact the road like a roller, having previously brought it to a moderately convex shape by repeated plowings toward the center. You can keep it extremely smooth, a thing that cannot be done on a public road where everybody drives as he pleases. Quick transportation, and doing as many sorts of necessary chores as possible at each trip, and making as few trips as possible; these things must be relied on as an antidote for the time involved by the scattering of the buildings.

Limits forbid alluding to but few of the many advantageous ways of using machinery in poultrykeeping. Even a laborsaving management of sitting hens and inducing them by mechanical devices to leave a long row of nests for feed and water, difficult as it may appear is perfectly feasible,

having first trained them since pullet hood to run at that one thing fundamental to their nature namely, a call. How many instinctive calls do they give, and understand, and what is the meaning of each—but that is another story.

ROCK HILL POULTRY FARM

Rock Hill Poultry Farm, F. W. Corey, Mgr., Ossining, N. Y., is sending out an attractive catalog illustrating and describing the varieties on this farm which include Silver Penciled Plymouth Rocks, White and Columbian Wyandottes and S. C. White Leghorns. Rock Hill Poultry Farm has been very successful in the show room winning highest honors at such shows as Madison Square Garden, Hagerstown and other leading exhibitions. Mr. Corey, the manager, is an experienced poultryman and well known as one of the younger judges. Each season he places the ribbons at a number of the more important eastern shows and has all the work in this line that he can take care of. Readers should send for their catalog and mention AMERICAN POULTRY WORLD.

A VALUABLE BOOK

If you want a copy of one of the best poultry books that has ever been printed, write the Cyphers Incubator Co., for a copy of the 212 page book entitled "Profitable Poultry Raising." This book gives some figures showing the astounding greatness of the poultry business, which as yet may be said to be fairly in its infancy and susceptible of much greater growth. Besides giving much information relating to the growth of the poultry business in the United States, the book shows the full merits of the "Cyphers Incubators and Brooders," and carries a complete line of poultry appurtenances of all sorts. Sixteen pages near the close of the book are devoted to leading fanciers, literally dozens of them, who are spending thousands of dollars each year to stimulate the poultry industry, who are exclusive users of Cyphers machines, and you cannot make a mistake in using the same incubators and brooders which have brought success to these leading fanciers. The manufacturers are anxious to help you make a success of your work, and you may obtain a copy of this intensely interesting book by writing the Cyphers Incubator Co., Dept. 31, Buffalo, New York.

WHITE ORPINGTONS



Superb Type Superior Quality



TO BE FOUND IN MY YARDS CAN BE
SEEN IN THIS CUT



DY BIRDS are absolutely white, of that deep bodied type, low down on legs, up to weight, and I know my matings will please you. My winnings of first and fifth cock, first and fourth hen, fourth pullet, and sixth pen at Madison Square Garden, December 27th to 31st, in the hottest class ever brought together in America, placed my birds in the lead over all competitors.

At Kansas City, November 29th, December 3rd, the largest and best class ever held in the West, my birds won first and fourth cock, first hen, first and third cockerel and third pullet and second pen.

Great Stamina and Vigor

are to be found in my birds, not usually found in White Orpingtons. I attribute this to strong foundation breeding stock, our pure air and Blue Grass range.

100 Acres in Russell Cave Poultry Yards, and over 7,000 Acres in Elmendorf Farm. Express prepaid on all Egg orders

Every bird absolutely guaranteed just as represented or your money back without any question. If you want fair treatment, send me your order. Only a few more birds for sale until spring.

Send today for my beautiful illustrated catalogue, the finest ever gotten out by a White Orpington breeder. Mating list ready by January 15th

Russell Cave Poultry Yards ELMENDORF FARM,
LOUIS LEE HAGGIN, Lexington, Kentucky

POULTRY HOUSING

By Prof. James Dryden

(Continued from page 373)

windows and raises the temperature inside. At night the heat will escape through the glass as it entered during the day. The temperature will fall rapidly at night. There will be a great difference between night and day temperature. Now, warm air holds more moisture than cold air. During the day with a high temperature the air will be relatively dry; at night it will be relatively damp though the same amount of moisture may be in the air. If the temperature falls low enough the moisture in the air will condense on the walls. Moisture or frost on the walls indicates that the air in the room is as damp as it can be; in other words it is totally saturated. It also means that the house is cold, otherwise it would not condense. If you want to keep the moisture from condensing; if you want to keep the house dry and at the same time warm, you have got to use a little artificial heat to keep the temperature from falling. It is the only way such a house can be kept warm and dry. You can't have a warm house and a dry one at the same time, in cold weather, without artificial heat.

A damp house is a cold house. Chickens can stand cold air, but cold and damp air is almost sure death. When we shut the moisture in in a house with air-tight walls we make a death-trap for the hens. Fowls can get along with cold, but not with dampness with it.

VENTILATION

We can give the house ventilation by opening the doors and the windows, or in other ways ventilating it. By opening the windows during the day we keep down the temperature of the house and this keeps the air drier. Dampness on the walls indicates that the air is damp, not that the walls were damp. The moisture in the air condenses on the cold walls. Dampness is taken out of the air and put on the walls. The moisture was taken into the air during the day when the temperature went up, and at night as the temperature falls the capacity of the air to hold the moisture decreases and it is condensed on the walls. With more ventilation this moisture would escape. With such a house the thing to do is to keep the temperature down during the day—equalize the temperature more between night and day

by opening the doors or windows and you will add to the comfort and health of the fowls.

A knowledge of this fact shows us at once how futile it is to build double walls and put in double windows with the idea of making the house comfortable, and it shows us how we may save about half the cost of the building. It means a saving in cost of building as well as in the condition of the fowls and in the egg yield.

We have not found that we can keep enough fowls in a house to keep its temperature up perceptibly. Horses and cattle keep a stable warm from the heat of their bodies, but we cannot crowd enough chickens into a poultry house to keep it at the same temperature of the horse and cattle barn and expect the fowls to maintain their health. Chickens require a

great deal more fresh air or oxygen than horses or cattle. According to King the amount of air breathed by a hen is three times greater than is

Only 20 Cents Each For Eggs

From *DeMuth's White Wyandottes*
Four pens of unsurpassed line bred layers. Incubator eggs, \$8.00 per 100. Fertility and satisfaction guaranteed.

F. E. DeMUTH, NORTH DOVER, OHIO



Little Red Hen Poultry Tonic

THE WHITE DIARRHEA CURE
CURES ROUP and CHOLERA

We Guarantee It
Send for Free Booklet
Wayne Poultry Tonic Company
218 Shoaff Bldg.
Fort Wayne, Indiana

"Superior" WHITE ROCKS Possess Superior Laying and Exhibition Qualities. Won, with one exception, all possible firsts on all entries at four leading Connecticut shows.

Awarded Special for best White Rock and Special for best Pullet in show at Bridgeport, Conn., December 20-22. Catalogue on application. TUCKER & DAYBILL, Meriden, Conn.

JUNGEL'S BUFF ROCKS AND SILVER PENCILED ROCKS

Winners wherever shown. At the GREAT MID-WEST CHICAGO SHOW, December, 1910

in the best class of Buff Rocks ever shown, I won 2nd Pen. On Silver Pencilled Rocks I won 1 Cock, 1 Hen, 1 Cockerel, 1 pullet. *Several Hundred Youngsters* to sell at reasonable prices. These birds are all farm raised and of the same breeding as my winners.

Eggs, \$3.00 per sitting. Write for Illustrated Booklet
Mention American Poultry World

P. C. JUNGELS,

LEMONT, ILL.

THE MOST PROFITABLE BREED

Whether you keep poultry for pleasure or profit, fancy or utility,—as all around layers, table fowls, hatchers or brooders, or in the show room



Hewes Farm Black Langshans

Are at the Front.

They are the easiest and hardiest to raise, while for quality, weight and appearance of flesh, they are the only substitute for the scarce and high-priced turkey. Bred pure for centuries, with no taint of foreign blood, they are in a class by themselves.

Prize Winners Everywhere

With but one exception *Hewes Farm* has won all first prizes on males at *Chicago* for three years in succession.

I have also produced many first prize males for *New York, Buffalo, Scranton, Springfield*, and other leading shows. At the recent Illinois State Fair, Springfield, I won 1st and 2nd Cock, 1st and 2nd Cockerel, 1st and 3rd Hens, and 1st Pen. Every one of these winners bred on free range at *Hewes Farm* where we devote 18 acres and our personal attention to producing high-class Black Langshans. All goods shipped on approval.

R. A. HEWES, CRETE, ILL.

SCRANTON'S SINGLE COMB RHODE ISLAND REDS



After decisive victories at the leading shows of the Middle West, my Reds again demonstrate their SUPERIORITY by winning (8 entries, 8 regular prizes) at the National meeting of the R. I. Red Club of America, 1 cock, 2-3 hen, 3-6 cockerel, 1-5 pullet, 1 pen at Topeka, Kans.

2-4-5 cock, 1-4 Hen, 4 cockerel, 3-5 pullet, 3 pen at Kansas City.

I have an established strain of prize winners, with an established reputation, and my prices, considering quality, defy competition. Some Grand Cockerels of the same blood as these winners that will improve the quality and vigor of your flock for sale. Let me quote you prices on exhibition or breeding birds.

B. H. SCRANTON,

RISING SUN, IND.

required by men or by cows, per 1000 pounds of live weight. This shows that the poultry house must have greater ventilation, must furnish more fresh air than is required in the cow barn or in the living room of human beings. There must be a more rapid exchange of air in the poultry house than in the horse stable, and if we keep exchanging the air rapidly enough by means of ventilators or open windows, there will, of course, be little difference between the temperature of the house and the temperature outdoors. We must have plenty of ventilation, and we cannot expect to keep the house warm from the body heat of the fowls.

The attempt, therefore, to reproduce spring in winter, or to make the hen imagine in mid-winter that the natural laying and breeding season is upon her, by building warm houses, has not been a success. The failure is due to the wide range of temperature in them. The "warm" house is a hothouse during the day and a refrigerator at night, unless artificial heat be used. A so-called warmly built house is unreasonable without artificial heat, and artificial heat, in our present state of knowledge, is also unreasonable.

HOUSING EFFECTS HATCHABILITY OF EGGS

It is possible—I think it has been demonstrated—that the egg yield is not so much dependent on the system of housing as is the breeding ability of the layers. In other words, the egg yield is not so much dependent upon high vitality in the layers as is the hatchability of the eggs. A system of housing may be a dead failure when it comes to securing eggs that will hatch well and eggs that will produce chicks that will live and grow well. This ex-

plains the vital difference between farm poultry-keeping and special poultry farming as usually conducted. It explains why the farmer can raise chickens without knowing it, and why the special poultry-keeper often loses a thousand chickens without knowing it. The serious problem for the special poultry keeper is no problem at all for the general farmer. This explains why we may be successful in getting eggs and fail in getting chicks.

It is doubtful if we can get a high egg yield in winter, in cold sections, without sacrificing something of the hatching quality of the eggs. We may be able to get an average of 140 or

White Crested Black Polish World's Champions
At the Great Boston 1911 Show, we won 1st pen, 1st cockerel, 2-5 pullet and 2nd hen and numerous specials. Oldest strain in America. Stock and Eggs for sale.
CHAS. L. SEELY, AFTON, N. Y.

Fore Castle Farm's Single Comb Reds

The best winter layers, 75 per cent. egg yield January and February. Fine exhibition birds. We bred and raised First Prize Cockerel at New York State Fair this season. Eggs \$6.00 and \$10 per 100, from mated pen; \$3.00 per sitting for exhibition matings. : : : : Every breeding pen has free range

CLAUDE BAILEY, Proprietor,

BURNT HILLS, N. Y.

Buff Rock Chicks

From one to six weeks old 25 cents to 75 cents each. Hens and Yearling Cocks ready for fall showing. Send for show birds and Cockerels and Pullets. Will have them mated for September showing. : : : : Write at once for prices

DEARBORN POULTRY YARDS, DEARBORN, MICH.

1893—NOT AN ACCIDENT—1911

Silver King Silver Wyandottes

Win at Boston, 1911, most points: 2 firsts, 2 seconds, 3 fourths, 1 sixths, 3 specials. Win at Boston, 1910, most points: 1 first, 3 seconds, 1 fourth, 2 sixths, 4 specials. Winners of 1st since 1900; won firsts way to the Pacific Coast this season.

Stock for Sale.
R. G. WILLIAMS,

New mating list with winnings, free.

Box W,

15 Eggs \$5.00
BARRE, MASS.

Sheffield Farm Partridge Wyandottes

(THE PREMIER STRAIN OF AMERICA)

Win All the Prizes Worth Winning at the Big Shows

MADISON SQUARE, NEW YORK
December, 1910

1st and 5th Cocks
1st and 5th Hens
4th Pullet
1st Pen

CHICAGO, DECEMBER, 1910

2nd, 4th, 5th Cocks
1st, 2nd, 3rd, 4th Hens
1st, 3rd, 4th, 5th Cockerels
1st and 5th Pullets
1st and 2nd Pens

KANSAS CITY
December, 1910

2nd Cock
1st Hen
3rd and 4th Pens
1st Best Display

THESE winnings were made in the hottest competition in America over a large number of entries, and should convince you that Sheffield Farm Premier Strain is second to none. ☞ If you want to win honors in your local poultry shows, write to us. We can help you. 100 choice cockerels for sale. Eggs for hatching \$5.00 per setting. Baby chicks in season.

SHEFFIELD FARM, P. O. Box A, GLENDALE, OHIO



The above is a reproduction of one of the S. C. Rhode Island Red males bred by C. M. Agler, Millbury, Ohio. Mr. Agler has been very successful with this variety and has some high-class specimens for sale at reasonable prices. He is also offering day-old chicks at 15 cents each. To those looking for first-class stock of this variety we can conscientiously recommend Mr. Agler. See his ad elsewhere in this issue.

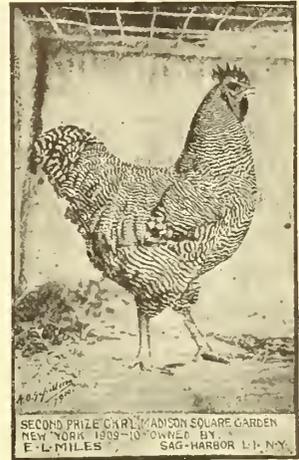
150 eggs a year from a large flock kept in a house all winter. That is within reason. But all evidence tends to show that the hatchability of the egg laid under such conditions will be poor. If the same fowls be used for breeding stock that performance could not be repeated with the second and subsequent generations. We may be able to make a thousand dollars in one year from a small flock on a city lot kept under most intensive conditions, but it is hardly to be expected that we can repeat the performance with the next generation of fowls under such intensive methods of housing.

Intensive methods will not necessarily show in decreased egg yield, but it will almost certainly show in decreased fertility of eggs and in decreased vitality in the offspring.

LOCATION OF HOUSE

A few words should be said on this subject here. The house may be perfect, but if the location is not suitable the results will be imperfect. Drainage is very important. The house should not be set in a mud puddle. That is as bad as setting it in a snow bank. I think it was Pasteur that tried to inoculate the chicken with Anthrax. He didn't succeed until he made the chicken stand in cold water. The temperature of the chicken was too high for the germ to develop, but after reducing the temperature by cold water on the feet and legs, he succeeded in inoculating it with the disease. This will show that cold muddy feet will make the chickens more susceptible to diseases. Drainage is important, both air drainage and soil drainage. Chickens, of course, will thrive on a great variety of soils, but a rather light porous soil offers more favorable conditions than a heavy clay soil. A wet soil is colder than a dry one. The water should not be allowed to stand in the yard. Muddy feet mean muddy eggs, catarrh, roup, rheumatism, tuberculosis, etc. Air drainage is probably as important as soil drainage. Cold moist air seeks the lower levels. It is better to locate the house on higher levels where there is no danger of stagnant cold damp air. On the other

**MILES' MONTAUKS
Barred Plymouth Rocks**



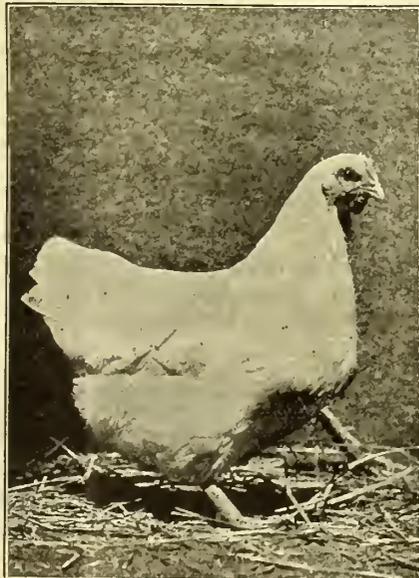
I OFFER eggs from 2nd Madison Square Garden Cockerel, 1909-10, the sensation of Barred Rock Alley, mated with seven of his best daughters at \$1.00 per egg. SENSATION earned me \$1,615.00 the past year and bred winners in nearly every state in the Union and Canada. Eggs from best sons of SENSATION and other winners, \$5 per 13, straight. Eggs from pullet lines that produced 1st pullet at Missonri State, Kansas City and other winners, one of which Judge Jacquins said was best he ever handled, \$5.00 per 13, \$15.00 per 52. Some fine Cockerel and pullet breeding males to spare. 34 years with Barred Plymouth Rocks exclusively.
E. L. MILES, Box D, SAG HARBOR, L. I., N. Y.



**SINGLE COMB
Rhode Island Reds**

CHICKS from my Toledo, Genoa and Elmore, Ohio, winners, 15 cents each.
EGGS, 10 cents each. If you want chicks or eggs from these grand Reds, book your orders NOW. : ; : Send for circular.

C. M. Agler, Box 5, Millbury, Ohio



**ONLYA FARM
White Wyandottes
EGGS---DAY-OLD CHICKS**

AT MADISON SQUARE GARDEN, N. Y., we won 5th, 6th pens. These along with our 1st cock, 2nd, 4th cockerel, 1st, 2nd, 5th pullet, 2nd, 4th pen. Grand Central Palace; 3rd, 4th cockerel, 2nd pen, Chicago; also our Hagerstown, Allentown, New York and New Jersey State Fair birds give us a grand lot for our pens this season. We now have mated up nine pens all headed by our winners and others which we have not shown, but equally as good in every way. We decided this season to have two males as nearly alike as possible, and of the same breeding, to head each of our pens mated to fifteen carefully selected females, which will give us more fertile eggs and stronger chicks-

We Make a Specialty of Day-old Chicks

Preferring to sell them than eggs for setting, believing it the most satisfactory way, both to seller and purchaser, we sending out only strong and selected chicks. Our prices will be \$8, \$6, \$4, \$3 per sitting of 15. Chicks from same matings, \$1, 75c, 50c, and 40c each. Not having a male of the same breeding as our 1st cockerel at Hagerstown, we have given him eight of our best females. Eggs from this mating will be \$10 per sitting. Chicks \$1.25 each. We still have some extra good cockerels and Pullets to dispose of from \$3 up according to quality of bird wanted. Complete mating list on application.

ONLYA FARM, Box B, MORRISTOWN, N. J.

PHILIP KEARNY, Owner,

CHAS. STAAFF, Manager

hand, the fowls should not be exposed to high winds. This I consider very important. You will notice, even on summer days, that the fowls mope around in the corners and sheltered places when the wind is blowing. This interferes with the activity of the hen, and anything that interferes with her active life is not favorable to health and high egg production. Sunshine is a germ destroyer and a better egg producer than red pepper or other condimental foods. If possible the houses should be built so the sun can make a sort of sun parlor out of it part of the day. Face them south, unless the prevailing winds are from that direction. It may be necessary, however, to face them in any other direction on account of winds or other considerations. One of the best poultry farms I have seen had houses facing the north; but the ideal condition is to allow the sunshine to enter the house either by the open door, or open-front, or by a window.

CYCLE HATCHER

The cost of operation is a matter of great importance. One gallon of oil will run the "Cycle" hatcher three weeks, while the box type machine would require from two to three gallons of oil to hatch the same number of eggs; and we have run a complete hatch in warm weather with two quarts of oil. With strong, fertile germs, when well started to incubate, nearly heat enough will be furnished by them to complete the work of incubation.



50-egg Cycle Hatcher. An all metal, fire-proof machine selling for \$6.00.

We are living in a progressive age, the box type of incubator was a step in advance of the hen, and the "Cycle" discovery is a long step in advance over all other incubators. If we are to succeed in the twentieth century we must keep up with the procession and discard old ideas for new discoveries that are brought about by scientific experiments, and thus do better work at less cost.

The "Cycle" Hatcher only weighs 12 pounds complete, yet all the essentials for a successful hatcher are more fully covered than by any other incubator on the market.

The eggs are protected from varying outward temperature by metal, air-space and asbestos felt. There is nothing cheap about the Cycle Hatchers and Brooder-Hatchers. While simple in appearance as well as in fact, careful details in construction are necessary to bring about proper conditions and only high grade materials are used.

The outer wall of the Hatcher is composed of three air spaces, and two thicknesses of asbestos felt, and when the heater is in place, the outer rim of

which is imbedded in soft cotton, cold air is prevented from entering the Hatcher. The lamp is placed directly in the center of the machine, and yet it is impossible for any fumes from it to enter the egg chamber. The moisture question never enters the operator's head from start to finish. The eggs are not dried down as in all other incubators, and larger and stronger chickens are the result.

In our first experiments we were surprised to see the size and strength of the chickens hatched in the "Cycle" as compared with those hatched in other incubators.

It is very discouraging to find fully developed chicks dead in the shell for want of fresh air. When they get to this point in the "Cycle" they come out to gladden the heart of the operator and make the poultry business a pleasure and a source of a profit.

LEVI A. AYRES, GRANVILLE, N. Y.

Levi A. Ayers of Granville, N. Y., is a leading breeder of high class Columbian Wyandottes. When the breed first became popular, he secured some of the very best blood obtainable, Aug. D. Arnold being heavily patronized. As a result, Mr. Ayers can show a fine flock of Columbians, a flock especially strong in wing markings. Mr. Ayers has been very successful in the show room. His last showing was made at No. Adams, Mass., where he won about everything in sight. In three shows on 17 entries he won 22 ribbons, a silver cup and 5 other specials, evidence enough to denote quality. Mr. Ayers birds are all farm raised and are wonderful layers. Mr. Ayers' matings this season are the best he ever put together. Those who intend purchasing Columbian Wyandottes should look up his ad in this issue.

**VAN ALSTYNE'S
Single and Rose Comb Reds and White Orpingtons
Tracey and Kellerstrass Strains**

*Two best strains of the breeds obtainable for show and egg production.
Eggs for Hatching from utility and fancy matings*

JAMES E. VAN ALSTYNE,

KINDERHOOK, N. Y.

*Houdans of Perfection
Zebra Barred Plymouth Rocks
S. C. Brown Leghorns of Quality*

*Send for our free catalogue
mating list and winnings.
The chicken business at
this farm is not a side issue*

IDEAL POULTRY FARM,

**MONYHAN
& KIRBY,**

Box W,

ORLEANS, IND.

ROSE COMB BROWN LEGHORNS

THE NUTMEG STRAIN.

are fine layers and also winners. My birds are bred from the best laying and winning blood in the country. Have won wherever shown. All stock raised on free range and housed in open front houses, which insures health, strength and vitality. They are the fowl for the Farmer, the City Man, the Fancier. Let's get acquainted.

*Utility Eggs, \$1, \$2 per 15; \$6, \$10 per 100. Utility Day-Old Chicks, 15c each
Exhibition Eggs, \$3 per 15. Exhibition Day-Old Chicks, 30c each*

THE FIREFLY FARM,

Circular

GUILFORD, CONN.

RICHLAND FARMS

BREEDERS AND EXHIBITORS OF

**S. C. White Leghorns White Plymouth Rocks
S. C. Black Orpingtons**

OUR PRICES:

HATCHING EGGS
S. C. White Leghorns
One sitting 15 eggs.....\$2.00
Two sitting 30 eggs..... 3.50
Three sitting 45 eggs..... 4.75
One hundred eggs..... 8.00
One thousand eggs.....70.00
White Plymouth Rocks and S. C.
Black Orpingtons
One sitting 15 eggs... \$ 2.50 & \$ 5.00
One hundred eggs... 14.00 & 28.00

BABY CHICKS
S. C. White Leghorns
Fifty or less each.....\$.20
One hundred..... 15.00
One thousand..... 125.00
White Plymouth Rocks and S. C.
Black Orpingtons
Fifty or less each.....\$.30
One hundred..... 25.00

FERTILITY GUARANTEED

**We guarantee safe arrival of
CHICKS in first-class condition.**

Richland Farms,

Box 22,

Frederick, Md.

SLY'S SILVER SPANGLED HAMBURG

THE HAMBURGS are such persistent layers that never sit that they are commonly called "The Everlasting Layers." Our stock is farm raised and very hardy. We won at Cleveland, 1910, 1st cock, 1st hen, 1st pullet, 2nd cockerel. Chicago, 1910, on only five entries, 1st pen, 1st cock, 3rd hen, 2nd cockerel, 2nd pullet. Norwalk, 1911, all firsts, all seconds, but one in a large class. High-class stock for sale and shipped subject to your approval. Eggs and day-old chicks from show birds only. We prepay express on all day-old chicks and original orders for eggs. Entered three Barred Cockerels at Norwalk, won 1st, 2nd and 3rd.

RINGLET STRAIN BARRED ROCKS, EXHIBITION AND UTILITY

R. D. SLY,

Depot Street,

WEST CLARKSFIELD, OHIO

COMMON SENSE POULTRY METHODS

By Harriet Wallace Ashby

[Continued from page 375]

canvas. "What did you get for the chickens?" I queried upon the man's return. "Thirteen cents for what was living, thirteen died—were smothered" he replied. I had sent one to a friend, whose cook asked the man to kill it for her, which he did. Before night the cook called me up: "Mrs. Ashby," she asked in a confidential tone, "was that hen you sent Mrs. W. all right? It had an awful funny smell." "It was all right when it left here; if it smells funny, burn it" I said sharply. I was afterwards glad she called me up because the incident drew my attention to a common mistake made on the farm—that of running down with boy or dog the chicken which is destined for dinner. Farmers consider other animals which have been overheated as unfit for killing for several days at least; certainly it is quite as unwise to kill an overheated chicken.

It was not hard to see where my management in marketing chicks was faulty, and an order for marketing crates went out at once.

One year I started out to raise 500 pullets. We had a dry year, the crops were poor, range trifling for the number of chickens, and my overcrowded chickens made but half the growth usually made with abundance of room and feed. I feel sure the only profitable way for farmers' wives to raise chickens is to limit themselves to the number they can afford range for through the summer, and to cull unceasingly until they keep over no more than they have abundant room for. To continue hatching so long as a hen wants to sit or there are eggs to fill the incubator is a perfect waste, unless the facilities and time for caring for a large number of chickens are adequate to the number hatched. It is no more wasteful to sell pure bred eggs on the market than to hatch chicks to peep and die. Poultry breeders shouldn't get such an exaggerated idea of the value of pure bred poultry that nothing but hatching prices seems worthy of their attention.

We had the usual troubles of buying eggs for hatching at fair prices, and getting poor results. We reasoned than no breeder would charge five dollars a setting for his eggs unless his stock were good enough to warrant it. We found that this did not follow, and have since found many instances where the price of eggs was fixed high because the breeder said he could sell eggs at five dollars per sitting and duplicate them at half price with more profit to himself, than to sell at a lower figure, and it

gave his yards a good reputation. An amateur may be guided by price at first, but he soon learns whether the price paid has been in excess of value received, and is disgruntled with the breeder especially and the poultry business generally. Using high prices to get rid of poor poultry stock is one of the greatest economic wastes in the poultry business. It destroys faith in human nature; enthusiasm which might have increased to the benefit of the poultry industry, and it destroys the moral timbre of the seller, because no man can sell stock or eggs at prices which he knows is beyond fair value for the stock without losing in character more than he makes in coin.

The man who "puttered away" \$2000.00 worth of time on his chicken, may have gotten pleasure and health worth more than that out of them. Anyway his time was his own, and he had a right to waste his own money, but no one has a right to waste his neighbor's money.

What the farmer needs is a clearer understanding of the requirements of poultry and the economic value of what he grows for a poultry ration.

What the fancier needs is to base his prices on what his stock will produce, not on what they can be made into by a process of laundering, grooming, manuring and skillful adjustment of feathers.

KNEPPER'S BUFF ROCKS

I won more firsts and specials at Hagerstown, Md., Baltimore, Md., and Lebanon, Pa., than all competitors combined. Grand exhibition and breeding stock for sale.

B. H. KNEPPER, R. R. 19, CLEARSPRING, MD.

HEIL'S S. C. BUFF LEGHORNS America's Best

Win again at Madison Square Garden, N. Y. First cockerel, (The Bird of the Season) first hen, second pullet, second pen. Winning shape and color specials on cockerel and color specials on pullet, also Silver Cup for best cock, hen, cockerel, pullet and pen. Send for 1911 catalogue and mating list.

WILLIAM H. HEIL, R. F. D. No. 3, EASTON, PA.

Watson's Celebrated Layers-R.C. Rhode Island Reds

By my great system of breeding and feeding, Golden Princess laid 291 eggs in a year. Fifty hens averaged 240 eggs. Fifty cockerels for sale from the 240 egg hens that were sired by sons of the world's greatest layer, "Golden Princess." They are just what you want to improve your flock. Eggs in season.

IRA P. WATSON, Receipt, Sure Death to Lice, 10 Cents Box G, FREDONIA, N. Y.

The World's Greatest Victory

Won by Rock Hill Poultry Farm at The Grand Central Palace Show, N. Y. City

Their exhibit of Silver Rocks, White, Columbian and Partridge Wyandottes and S. C. White Leghorns, win four out of five possible, best display. Over 25 special ribbons, 8 silver cups and \$25 in gold, also the Grand Specials, best bird in the poultry classes, best Wyandotte; on our White Cockerel, Silver Cup for best cock, hen, cockerel, pullet and pen. Columbian Wyandottes, Silver Cup for best display in the show on our White Leghorns and the Champion Challenge Cup for best Pen, White Wyandottes. Send for prices on what you want.

Rock Hill Poultry Farm, F. W. Corey, Mgr., Ossining, N. Y.

Covert's Barred Rocks

At the Great International Show at Buffalo, 1911, in competition with the best blood in the United States and Canada, won Sweepstakes Trophy for Champion male, also won 3-4-5 cock, 2 hen, 1 cockerel, diploma and gold leg band, 2-3 pens and both shape and color special on male birds. At the late Chicago show, with 22 pens in competition, won 2 cockerel mated pen, 2 pullet mated pen, 3rd exhibition pen and 3 cock. At the Ohio State Branch Show of the A. P. A., held at Wooster, 1911, Covert's birds won 2-3-4 cock, 3-4 hen, 1-5 cockerel, 1 pullet, 1-2 pen, shape and color special on male, color special on female, silver medal for best cockerel in class and Grand Gold Medal given by the A. P. A. for best cockerel in show, all breeds competing. This is the first time in the history of the A. P. A. that this prize has ever been won by a Barred Rock.

My matings will be smaller and richer than ever before. Eggs from these grand pens, \$5 per \$15. A few special matings of matchless quality, \$1.00 per egg. Send for mating list.

COVERT'S BARRED ROCK FARM, WILLOUGHBY, OHIO



SINGLE AND ROSE COMB BUFF LEGHORNS

UNDISPUTED WORLD'S BEST. WINNERS WHEREVER SHOWN. My big 8-page mating list descriptive of my pen matings and stock values will be mailed free on request. This list gives full particulars as to values. It also contains testimonials from some of the many hundreds received during the past year from parties who have bought stock or eggs that produced the first and second prize winners at the following shows: Chicago, Boston, Baltimore, Providence, R. I., Dallas, Texas, Kansas City, Mo., Spokane, Wash., Columbus, Ohio, Memphis, Tenn., Minneapolis, Des Moines, Ia., and there is not a show room of importance in U. S. that Tecktonius strain failed to carry some 1sts and 2nds during 1910-11. F.A. Tecktonius, Racine, Wis.

THE TRUTH ABOUT POULTRY RAISING

So many books have been written on the subject of poultry raising, that the prospective poultryman becomes confused. The various books differ on important details and the reader knows not what opinion to accept. The trouble is that most books are written by men who are better writers than poultry raisers; men who are long on theory and short on practical experience; and

then again too many writers have "an axe to grind."

Mr. S.B. Twining, of Afton Farm, (one of the oldest and first successful poultry plant in the country) is acknowledged to be a leading authority on the poultry business. He has been persuaded to write a book, giving to the world the benefit of his life time of experience. This book represents

the labor of many spare hours, and is the most comprehensive, practical book ever published on the subject.

The title "Poultry Truths" indicates just what the book contains. No high-sounding theories are advanced—just plain every-day facts touching upon every detail of the poultry industry. The chapter on capon culture alone is worth many times the price of the book. It is artistically illustrated with photographs of breeding houses, colony brooders etc.

This book has no connection with any publication or advertising scheme.

"Poultry Truths" will be mailed, postpaid, to any persons sending \$1.00 to Afton Farm, Box D53, Yardley, Pa.

GEO. M. BEECHER, WEST PAWLET, VT.

Geo. M. Beecher of West Pawlet, Vt., breeder of White Wyandottes "that lay and win," exhibited at the following shows the past season: Cambridge, N. Y., won 5 firsts, and Vermont State Fair, 5 firsts; Bellows Falls, Vt., 2 firsts; (made small entry) Poughkeepsie, 1-2 pullet, 2 entries; Vermont State Poultry Association show, held at St. Albans, Vt., he won 1 cock; 1-2-3 hen; 1-2-3 cockerel; 1-3 pullet; 1-2 pen old; 1 pen young, winning State Cup color and shape specials, clinching his title to the Vermont State Champion White Wyandotte Breeder. Mr. Beecher sent several birds to Boston and won a place on a splendid cock bird. We have always found it a great pleasure to visit Mr. Beecher, as both he and Mrs. Beecher always make you feel at home. We found the stock upon Mr. Beecher's place worthy of the fine show record that Mr. Beecher's birds have made. He makes a specialty of selling Baby Chicks from best matings, also eggs for hatching. Look up his ad elsewhere in this issue.

E. C. HEWITT, GRANVILLE, N. Y.

E. C. Hewitt of Granville, N. Y., breeds Light Brahmas and Barred Plymouth Rocks of quality. He has been exceptionally successful with Light Brahmas. At the big Albany Show, he entered 2 cockerels and a pullet that attracted marked attention and as a matter of course won 1-2 cockerel and 1 pullet. Mr. Hewitt will be pleased to send information about either of his varieties to interested parties.

TO INSURE SUCCESS

With your incubating and brooding operations this spring you should have a copy of "Artificial Incubation and Brooding." A copy of the book and AMERICAN POULTRY WORLD, one year for 75c, coin or stamps. Address all orders to AMERICAN POULTRY WORLD, 158 Pearl Street, Buffalo, N. Y.



MATSINGER'S PARTRIDGE PLYMOUTH ROCKS MY OWN ORIGINAL LINE

1st cockerel, 1st pullet at Madison Square Garden, December, 1910, were raised from a trio that I mated and sold. My birds have won highest honors at Baltimore, Hagerstown, Allentown and everywhere they have been shown. Eggs from very select matings. Send for mating list.

Chas. A. Matsinger,

Box W, Sta. N.

Baltimore, Md.

L. E. MERIHEW'S S. C. BUFF LEGHORNS

Winners at Madison Square and State Fairs. Eggs, \$5.00 and \$3.00 per 15. Utility, \$6.00 per 100. Write for Catalogue.

L. E. MERIHEW,

MARATHON, CORTLAND CO., N. Y.

QUALITY BUFF ORPINGTONS

Won at Boston, 1911, 4 hen, 2 pullet, 2-3 pen, At Portland, first and second pen. Brockton, 1st hen, 2nd pen, 4th cockerel, 4-5 pullet. They win everywhere. Great layers. Choice stock for sale at low prices. Eggs, \$3 and \$5 per sitting; \$8 per hundred. Every egg guaranteed fertile. Free mating list.

H. E. CHALLIS,

Box 83,

SO. DANVILLE, N. H.



RHODE ISLAND REDS

STOP at the SIGN of the RED HEN. Get EGGS to HATCH or HENS that LAY. Ridge View Farm Rhode Island REDS—Best Utility Reds in U. S. Get our SPECIAL OFFER.

ALFRED G. CLARK

Willoughby, Ohio

SUNSET FARMS

S. C. Buff, Black, White Orpingtons and Light Brahmas

Winners at Boston, Worcester, Providence and Brockton Fairs. At the last Boston show, we exhibited in twelve classes of the Orpingtons and won a place in eleven. Stock and eggs for sale. Send 2c. stamp for 24-page illustrated catalogue and mating list.

DARLING & MacNEAR,

Box 15,

NATICK, MASS.

SINGLE COMB W. LEGHORNS

BRED-TO-LAY

Breeding Stock

Day Old Chicks

Eggs for Hatching

Write for our FREE BOOKLET, pronounced by experts the best work on Modern Successful Poultry Farming.

Mt. Pleasant Farm,

Mt. Pocono, Penna.

Tap the Air for Nitrates and Cut Your Fertilizer Bill in Half

High Bred Nitrogen Gathering Bacteria put on the Seed will do all the Work

DON'T pay big prices for nitrate fertilizers. Don't waste the time and labor needed to spread them. Let nitrogen-gathering bacteria do the work for you at a mere fraction of the cost and practically no extra work.

Here is the making of all the nitrates you want at a cost of \$2.00 an acre.

This Bottle does the work for an Acre.

FARMOGERM

High-Bred Nitrogen-Gathering Bacteria.

Farmogerm is a pure culture of nitrogen-gathering bacteria that have been carefully selected and bred up to a state of strong vitality and great nitrogen-fixing power. That is our guaranty. Farmogerm is a jelly-like culture, put up in specially sealed bottles, guaranteed to reach you in perfect condition and to keep for months.

It is Ready to Use on Your Seeds

Just mix with water and moisten the seed or spray on soil or young plants. The bacteria will increase rapidly, by the millions, in the soil, and draw nitrogen from the unlimited supply in the air, feeding it to the growing crop and storing it in the soil for future crops. For use on Alfalfa, Clover, Peas, Beans, and all legumes.

Get Our Free Book

and reports from high authorities and many farmers who have tried it and states that the pure culture method of soil inoculation has "come to stay." Order Now if you want to plant at once, or spray on what you have planted. Acre size \$2.00—Garden size, for Peas, Beans and Sweet Peas, in mixed culture, 50c. White Clover also in 50c.-size. Mention what crop you want it for when ordering. We pay postage or express charges to you.

EARP-THOMAS FARMOGERM CO.,

BLOOMFIELD, N. J.



ONLYA FARM

Onlya Farm, Philip Kearny owner, Morristown, N. J., made an excellent record on White Wyandottes at the leading fall fairs and winter poultry shows. Chas. Staaff, his poultry manager, is an experienced poultryman, and the superior condition that the birds that Onlya Farm has exhibited at Madison Square Garden, Chicago, Grand Central Palace, Allentown, Syracuse and other leading shows is due to his expert handling.

Onlya Farm is located two miles from Morristown and consists of about 50 acres, where all the young stock is raised on free range. The houses are large and roomy and give the birds plenty of room for exercise. They are well ventilated and cleaned daily. In addition to selling eggs for hatching from 10 grand pens that have been mated for the egg trade, they will sell Day Old Chicks at reasonable prices, quality of stock considered. We do not know of a more satisfactory way for a poultryman to start in the poultry business than to secure Day Old Chicks from some responsible breeder who has first class stock. Onlya Farm also have for immediate disposal 25 cockerels, which they will sell from \$3.00 up according to quality. Readers who are interested in White Wyandottes should look up their ad elsewhere in this issue and also write for further particulars and mating list.

A. Q. CARTER, FREEPORT, ME.

Mr. Carter is devoting his attention to the old and original American fowl, the "American Dominique". This grand old variety is worthy of more than passing notice and we should like to see the interest developed in the breed that it is worthy of. At Freeport, Maine, in one of the largest classes of this variety ever brought together—85 in all, Mr. Carter won 1-2 cock, 1-3-4 hen, 1-2-3-4 cockerel, 4 pullet, 1 pen. At Boston, 1 pen, 1-2-3 pullet, 2-3 cockerel, 1-2 hen, 2-5 cock. Providence, 1 cock, 1 hen, 1 cockerel, 1 pullet, 1 pen.

W. S. Templeton, 110 Wellington St., Waterloo, Iowa, just to keep the public in mind of the high-quality birds he breeds, exhibited some of them at Kansas City, winning special for best display; special for best shaped male; special for best colored male; special for best pullet; special (silver cup) for best pair, besides other special and regular prizes. He sent seven birds to Madison Square Garden—one male, three hens and three pullets—and won 2 cockerel; 5 hen and 1-2-5 pullet. Mr. Templeton will be congratulated upon the showing made by his birds.

"A Little Poultry and a Living" is the title of a book written by the author of the famous Philo System of Poultry Keeping. This system as many of our readers know, is one devoted to intensive poultry culture, where every possible advantage is taken of the limited space which many people are able to devote to poultry growing. The book shows what is needed to start the work, including artificial hatchers, brooders and suitable brooding and laying coops, all being Mr. Philo's devices. A copy of this book may be had by writing the Cycle Hatcher Co., 202 Clover street, Elmira, New York.

CHAS. A. MATSINGER

Charles A. Matsinger, Sta. N., Baltimore, Md., the well known breeder of Partridge Rocks, has sent us some beautiful feathers taken from some of his prize winners. The feathers Mr. Matsinger sends us are the correct shade required to insure handsome rich colored male. There has been a tendency on the part of some of the different breeders of Partridge varieties to breed males that are too dark, thereby losing the rich beauty of the color required by the Standard, and this has been a detriment as neither the dull dark colored males nor those that are real light colored are nearly as handsome as the ones that have the correct shade of bright red. Mr. Matsinger has mated up five pens for the egg trade and will have a limited number of eggs for sale. He will be pleased to send mating list on application if you mention AMERICAN POULTRY WORLD.

The annual catalogue of the Prairie State Incubator Co., Homer City, Pa., has again made its appearance. This year it contains 112 pages and cover, the cover printed in two colors, and the inside well illustrated with fine half-tones fully describing the Prairie State Incubators and Brooders, and also contains much information on the artificial rearing of chicks. This catalogue should be in the hands of every poultryman. Send for one and mention AMERICAN POULTRY WORLD.

High-Class Rose Comb Rhode Island Reds
I bred and exhibited first prize winning cockerels and pullets at Grand Central Palace, N. Y., also Rochester and Buffalo, N. Y.
E. M. DUTTON, NEWFANE, N. Y.

THE Feathered World Year Book for 1911

This new book just issued by "The Feathered World," England, is one of the most useful and instructive publications of its kind ever printed. It contains a well arranged calendar with memorandum pages that will prove a great memory saver. It is replete with valuable articles on practical and Standardbred poultry culture; records of winnings and entries at England's leading shows, with many fine illustrations of noted winners at the Crystal Palace, Dairy, Birmingham and other prominent exhibitions. It also gives a complete list of all Specialty Club Shows, the number of entries at the latter, together with the name of the judges and officers. It is a book every genuine poultry fancier ought to have. *This book contains 636 pages fully illustrated and four colored plates. Price, postage prepaid, in paper boards cover, 60 cents.* Orders will be received and sent to The Feathered World promptly on receipt of price.
American Poultry Publishing Co., Buffalo, N. Y.

QUALITY SILVER LACED WYANDOTTES

"Best Display" winners at Madison Square Garden; also at Philadelphia in the largest class of Silvers ever shown in the East. This added to their five years record at New York State Fair, Buffalo International, Rochester and other Shows, is proof of the QUALITY. No better layers anywhere. Handsome circular free.

LE ROY SEIGFREID, Route B, WATERLOO, N. Y.

**S. C. Buff Orpingtons Buff Orpington Ducks
S. C. White Leghorns Airedale and Welsh Terrier Dogs**

My S. C. Buff Orpingtons and Buff Orpington Ducks have been winners at Madison Square and Palace Shows, New York; Philadelphia, Easton, Paterson, Morristown, Orange and Dover, the last three years have beaten on Ducks, Leghorns, (Young's Strain). My dogs include several champions and have won over 150 prizes. Catalogue on request.

DUNROBIN FARM, Archibald B. Dalby, Prop, Box A, CHATHAM, N. J.

**BUFF AND WHITE ROCKS
WHITE WYANDOTTES**

I HAVE had an exceptionally successful season in hatching and raising the best lot of young stock I ever owned. My eggs hatched well, the chicks grew fast and are full of vigor. Among them I have some choice exhibition specimens, both Cockerels and Pullets, as well as high-class breeding stock. Also I have for disposal a number of choice Cocks and Hens that were used in my last season's breeding pens. I breed for beauty and utility. My birds grow well, lay well and are healthy, and they win in the show room. The following is my record at Pittsburg, 1910:

**BUFF ROCKS: 2nd Cock, 2nd Hen, 1st and 2nd Cockerels, 1st and 3rd Pullets, 1st and 3rd Pen.
WHITE WYANDOTTES: 2nd and 4th Pullets, 4th Pen.**

I guarantee satisfaction and will be pleased to furnish full particulars to prospective customers.

LOUIS VIERHELLER, 71 Sylvania Avenue, PITTSBURG, PA.

BABY CHICKS THAT LIVE

S. C. Rhode Island Reds Barred Plymouth Rocks

Our stock bred strictly for egg production. But careful attention has been given to matings that will produce color and shape. CHICKS—\$15.00 to \$25.00 per hundred in any quantity. EGGS FOR HATCHING, \$1.50 to \$2.50 per 15; \$3.00 to \$15.00 per hundred. Safe arrival of chicks and 100 per cent. fertility of eggs guaranteed. Prompt delivery on all orders assured. Mammoth hot water machines used for hatching.

ELDRIDGE POULTRY FARM, Inc., Albert S. Eldridge, Mgr., Taunton, Mass.

VISITS PROMINENT POULTRYMEN

GEO. W. TRACEY, A. P. W.'S EASTERN REPRESENTATIVE, INTERVIEWS WELL-KNOWN EASTERN POULTRY BREEDERS. INTERESTING VISITS WITH A. C. HAWKINS, HARLO J. FISKE, WM. A. SMITH AND KAUFMAN & WINDHEIM

A. C. HAWKINS, LANCASTER, MASS.

A. C. Hawkins, the veteran breeder of Lancaster, Mass., was the one busiest exhibitor at the Big Boston Show. Just to let the people know that he "was alive" as he expressed it, he made an entry in the White Plymouth Rocks and the Columbian Wyandotte classes, and to let the boys in on what they may expect in the future, he entered a nice cockerel in the Columbian Plymouth Rock classes and won first in a walk. He was a beauty and no mistake, and attracted marked attention. On White Rocks Mr. Hawkins won, 2-5 cock, 2 hen, 1-4-5 cockerel, and 2 pen. His first prize cockerel was a star. Mr. Hawkins said this cockerel was a direct descendant of a sport from Barred Rocks bred upon his farm a number of years ago, in fact he said the celebrated Graves Strain originated on his farm, being sports from his Barred Rocks. Somewhere along in the '90's he showed four cockerels at New York, winning 1-2-3-4. He sold some of these birds to a Mr. Bailey, who was either an uncle or else father-in-law of the late Harry Graves. Mr. Bailey, he said, let Mr. Graves have the stock that in his hands later on made such remarkable White Rock history.

Mr. Hawkins in a chat gave us some interesting facts that furnished considerable insight on events of earlier days of the Poultry Industry. After listening to his entertaining talk I concluded that an article from Mr. Hawkins' pen, touching in his own way the

events of the earlier days, would prove of interest to the readers of the AMERICAN POULTRY WORLD, and I obtained his promise that he would favor our paper with a few of his reminiscences sometime in the near future,—and make no mistake it will be a great treat for our readers, for it is doubtful if there is a more widely experienced poultry breeder in America than Mr. Hawkins.

Returning to the Boston Show, we will refer to Mr. Hawkins' winnings on Columbian Wyandottes. They were, as follows: 2-3 hen, 2 cockerel, 3-4 pullet, and 2 pen, winning best display, and first cock winning a whole coop full of ribbons. As Mr. Hawkins said, "I can't show the bird to anybody, they plastered the coop full of ribbons." He was, indeed, a wonderful Columbian Wyandotte and was a long way ahead of anything in the class. Mr. Hawkins is especially strong in Columbians and is very enthusiastic over them. He has great call for them and supplies many winners for shows, large and small. He still has 500 good breeding birds to spare at right prices and will have the best pens he ever owned mated up for the egg trade. All his Madison Square Garden and Boston winning males will head these pens and his egg customers will get the benefit of the breeding qualities of these great birds. He raised 2000 Columbians the past season.

But it is of his Barred Rocks that Mr. Hawkins is the most enthusiastic. It is a well-known fact that some of

the very best Barred Rock Breeders in the country got their start from Mr. Hawkins, and when any of them desire any new blood they go to Mr. Hawkins to secure it. His Royal Blue Line is noted the world over. A year ago Mr. Hawkins showed four cockerels at New York that many claimed were the best Barred Rock males ever produced; they took everybody's eye. At that show he sold the four cockerels for \$600, quite an evidence of value, and as these cockerels were sold to very prominent breeders, it amply proves the estimation in which Mr. Hawkins' Barred Rocks are held; It was conclusive evidence of their superiority. Mr. Hawkins says the Royal Blue Line is now stronger than ever. He desires us to say through the AMERICAN POULTRY WORLD that he is now better prepared than at any time in the history of his long life as fancier to look after the wants of his many old customers, who keep coming to him year after year, and to which he has nothing but feelings of gratitude. To those who wish to get started right in any of the varieties bred by Mr. Hawkins, we would say that he has been before the American Poultry Public for upwards of 30 years and when we can say that he is still doing a profitable business, it is ample evidence that he must have used his fellow-man in a fair manner. He breeds Barred Rocks, White Rocks, White and Columbian Wyandottes.

If you wish to know more of Mr. Hawkins and his birds, send for his catalog.

SKYLANDS FARM, STERLINGTON,
N. Y.

One of the surprises at the Great International Show held at Buffalo, 1910, was the great win of Fiske's Single

Baby Chicks

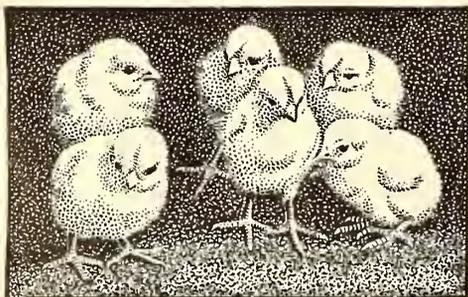
Baby Chicks

Baby Chicks

We are Specialists. Seven years experience in shipping Day-Old Chicks
Safe arrival and full count guaranteed

The Twentieth Century Hatchery

Breeding Stock All Farm Raised ————— Eighteen Varieties to select from



30,000 EGG CAPACITY

86,875 Chicks Hatched Last Season

Booking orders now for early delivery. Orders filled in rotation. Full line Poultry Supplies. Fireless Brooders, our own patent, 50-Chick size, \$1.25 each. Complete information in our free catalogue.

JOS. A. BLUM & CO. R. F. D. No. 1, CHATFIELD, OHIO

Comb White Leghorns, where in a class of 130 birds in competition with the best in the United States and Canada, they won every first prize. Just about one year later, at the Great Boston Show just held, they made a still more sensational win as follows: cocks, 1-2-3-4-5; hens, 1-2-3-5; cockerels, 1-2-3-4-5-6 pullets, 1-2-3-4-5; pens, 1-2; winning 10 gold specials for best display, ribbons for best shaped and best colored male and female, a twenty-five dollar cup for best display, club badge for best cock, same for best cockerel, best pullet, best hen and best pen, club badge for the best headed male, same for female, also badges for best colored and shaped male and female. My! what a record, a total of 42 regular and special prizes, winning every prize in the open classes, except one 4th and two 6th prizes. Going some, and at Boston at that. Harlo J Fiske is to be congratulated for this splendid win, which probably has never been duplicated at a great show. Mr. Fiske has bred Single Comb White Leghorns for 15 years and he knows how to do it. Chance plays no part in his great success; scientific mating is what has done it, and it takes a man of mental calibre to cope with the White Leghorn breeders of today.

Skylands, the home of Fiske's White Leghorns is located in the hills about four miles from Sterlington, N. Y. It is one of the most beautiful places in the country and the beautiful White Leghorns are in keeping with the surroundings. Mr. Fiske is known among his customers as one of the finest men in the country to deal with; many coming to him year after year for birds to win at their respective shows, and they do win. Mr. Fiske will sell a limited number of settings of eggs from his best pens. He also furnishes breeding stock mated for results. Send for his neat illustrated catalog, and address Skylands Farm, Harlo J. Fiske, Sterlington, N. Y.

METUCHEN POULTRY FARM.

Metuchen Poultry Farm Minorcas, Single and Rose Comb, Black and White, have made a great record at this season's shows, beginning at the Allentown and showing at Trenton, Hagerstown, Grand Central Palace, Philadelphia, Madison Square Garden, and winding up at Baltimore. At Baltimore they made a record that really was the sensation of the show, winning 21 regular and 25 special

prizes, including 15 first prizes, numerous cash specials, winning the Horn & Horn cup, valued at \$25.00, for the best exhibit in the Single Comb Black Minorca class; also winning the association cup, valued at \$50.00, for the best display in the Mediterranean, and other cups and specials, including color and shape specials. Mr. Smith, the owner of the Metuchen Poultry Farm, could well feel proud of his big winning at Baltimore, which makes it all the more sensational.

On the way home from the Philadelphia Show (where Mr. Smith's birds also made a big winning) we stopped off at Metuchen in order to see what Minorcas looked like upon their native heath. We refer to Metuchen Poultry Farm in this manner as more Minorcas are undoubtedly raised yearly on this farm than anywhere else in the world. We were agreeably surprised with the plant. From its reputation we expected much, and were not disappointed. We found the buildings and houses built in a thoroughly substantial manner, no expense being spared in so far as material was concerned; the future was well looked into and one could readily conjecture that the mind of an optimist was at work when the plans for this immense poultry plant were worked out. The houses are built on one general plan;

Champion Strain S. C. Reds At Providence, R. I., 2nd and 4th cock, 1 hen, 1-4 pullet, 1 pen, \$5 special for Champion female and pen, \$25 cash special for best display. Boston, 1910, \$100 Champion Challenge cup for best male bird. 1911, 6 winners out of 7 birds entered. A. S. BAILEY, Cobalt, Conn.

HOUDANS, MINORCAS, (North-up) WHITE WYANDOTTES, S. C. WHITE LEGHORNS, BLACK ORPINGTONS, (Foster) INDIAN RUNNER DUCKS BUFF COCHIN BANTAMS

Eggs at reasonable rates.

John K. Doan, "Cedar Crest" Farm, Cooperstown, N. Y.

Rhode Island Reds ROSE SINGLE

ESTABLISHED 1885

Harris' record-laying and prize-winning strain, have won at New York State shows, Chicago, Boston and Providence. Breeding and show room stock at reasonable prices. Eggs for hatching year around.

ELM POULTRY FARM,

W. S. HARRIS, Telephone 19-4, MANSFIELD, MASS.



LAKENVELDER

and **BLUE WYANDOTTES**

Importer and Breeder

GEO. L. WAITE
522 Greenfield Ave.
MILWAUKEE, WIS.

Gould's Single Comb Black Minorcas

At the Grand Central Palace Show, New York, November, 1910, competing with the leading eastern breeders, I won on S. C. Black Minorcas, 1st pullet (11 pullets in class), 4th pen (5 pens in class). On Rose Comb I won 1st pen; also 1 silver cup and 1 special on only 5 entries. Eggs from my best exhibition and utility matings now ready. Great layers of large white eggs. Write for circular, which gives winnings, prices and other information about my birds. No Rose Comb Eggs, Member American Black Minorca Club

Harold W. Gould, Box W, Lake Grove, N. Y.

MEADOW BROOK Barred Rocks and R. C. Brown Leghorns

Are Supreme, winning first prize on cockerel wherever shown, 1910-1911

AT BUTLER, in a class of 115 Rocks, we won 1-3-4 cockerel, 1 pullet, 2 cock, 2-3 hen, 2-3 pen, special for best parti-colored bird and cup for best display. We have a special sale of pullet-bred cockerels and pullets at your own prices. Eggs from our Cleveland and Pittsburg winners, \$5.00 per sitting.

MEADOW BROOK POULTRY YARDS, LEECHBURG, PA.
F. E. WEIDMAN, Proprietor. S. G. LUTZ, Superintendent.

Humbach's Single Comb Buff Leghorns
Record Egg Laying Strain

5411 Eggs from 278 Hens in January, 1911

ON account of the thousands of inquiries for Eggs and Day Old Chicks from Trap-nested Hens we decided to keep a record of the number of eggs laid in one of our large continuous laying houses. In the face of the most adverse weather conditions we actually gathered 5411 (Five Thousand Four Hundred and Eleven) Eggs from 278 hens during the 31 days in January, 1911, an average of 17 1/2 eggs per day or about 1 1/2 eggs per hen. Of the 278 females, 141 were pullets and 137 Yearling Hens; the laying house is of the open front type with muslin curtains. We are keeping a record of the same flock during February and up to the 15th the record promises to run far ahead of January. Every bird in our twenty breeding yards is a show bird; they are of that true golden buff color, the pick of

4000 Farm Range Birds raised in 1909 and 1910. Our utility flock is a grand lot headed by excellent cockerels. **DO YOU WANT EGG PRODUCERS AS WELL AS SHOW PROSPECTS? IF SO LET US FILL YOUR ORDER FOR EGGS OR DAY-OLD CHICKS.** \$1.50-\$2.00-\$3.00-\$5.00-\$6.00 per fifteen. \$6.00-\$10.00-\$15.00-\$20.00-\$25.00 per hundred. Day-Old Chicks \$18.00-\$20.00-\$25.00-\$35.00-\$45.00 per hundred. 75 per cent Fertility Guaranteed. Safe Arrival of Chicks Guaranteed. We expect to sell a limited number of eggs and Day-Old Ducklings from our Grand Matings of True Fawn and White Indian Runner Ducks; the kind that win and lay the big white eggs. \$2.00 and \$3.00 per 11 Eggs. \$10.00 per 100 Eggs. Day-Old Ducklings 25c each.

THE LAYING KIND ARE THE PAYING KIND. WE HAVE THEM. GET OUR CATALOG.

Humbach Poultry Farm, R. R. No. 7, Hamilton, Ohio

the breeding pens have one yard, about 200 feet long and 30 feet wide, which is used for two pens, the birds from which alternate with each other in using the yards. These yards are never without growing green grass. The pens are separated by wire partitions with boards high enough so the males cannot fight. Each pen has a hopper containing grit, oyster shell and dry mash, which is before them at all times. The roosts are in one corner under which are the nests, which open out into an aisle that runs the length of the breeding houses, so that the eggs can be picked from the aisle in the same way. The roosts are cleaned from the aisle, as there is an opening, or a door, 8 inches deep and the length of the roost. This door is on hinges, and all the man who cleans has to do is to go along the aisle with his cart, open up the door and scrape the droppings into the cart. This is done daily. The drinking fountains are taken out from each pen and emptied of their contents. No water that has been in cans over night is used by Metuchen Poultry Farm chickens and we might mention that everything on the place is scrupulously clean. The incubator cellar, a house, is a model to pattern after, and we would recommend the general plan of construction of the houses, as well as the laying out of the farm, to any one contemplating going into poultry raising as a business. Here indeed we see a plant that is a successful one, one that will well repay you to visit.

Mr. Smith is looking forward to the coming season to be the greatest in the history of the farm and is making preparations accordingly. He has mated up 42 pens for the egg trade, and even with this great supply, it will be well to order early, as Smith's Minorcas are in great demand. They are the true egg machines. The season's catalog is out and is a work of art. It contains the records of the winnings of the birds, the personnel of the various pens, prices of eggs and stock, and also some splendid testimonials, the perusal of which will convince you that you are guaranteed a square deal in dealing with the farm. We strongly advise you to send for the free book. Address, William A Smith, Box 636, Metuchen, N. J.

THE AMERICAN BEAUTY STRAIN ROSE COMB REDS.

Few strains of fowls in this country are more widely known than The American Beauty Strain of Rose Comb Rhode Island Reds, originated by Messrs Kaufman & Windheim of Nutley, N. J. A reason for this has been their extensive showing after breeding Rose Comb Reds for 14 years.

In 1907-08 they started out determined to ascertain the quality of their

strain, results to be judged by their winnings in the show room. That season they showed at 10 big shows, among them being Jamestown Exhibition and Indianapolis, and although they competed with the best breeders, they won 74 ribbons, 29 of them firsts, also 14 color and 8 shape specials. Season of 1908-09 they made 13 shows including Madison Square, Chicago, St. Louis, Augusta, Sacramento, Nashville and Allentown, winning 101 regular ribbons, 35 of them firsts, 16 color

M. HARVEY IVIN'S PARTRIDGE PLYMOUTH ROCKS

At Madison Square Garden, New York, Philadelphia and Bristol, Pa., won 26 prizes and 6 special prizes. Eggs and stock in season. Circular.

BOX 2,

LANGHORNE, PA.

Columbian and Silver Wyandottes Before placing your egg order—don't fail to send for our mating list, fully describing all our yards and just what we can give you at as reasonable prices as any one, considering the stock—which is second to none. Our first prize pen at Madison Square, New York, this season was without a doubt equal to any ever shown.

J. FRANK VanALSTYNE,

NIVERVILLE, N. Y.

COLUMBIAN WYANDOTTES

Winners at New York, Boston, Rochester, Auburn, Poughkeepsie, Springfield, Holyoke, North Adams and St. Albans. In four shows, on 21 entries, I won 26 ribbons, a silver cup and 5 other prizes. A few fine cocks, hens, cockerels and pullets for sale at \$2.00, \$3.00 and \$5.00 each to make room. They are the best layers in existence. Eggs are \$2, \$3 and \$5 per 15. Fertility and satisfaction guaranteed.

Levi A. Ayres, Member National Columbian Wyandotte Club 760 Pine Avenue, Granville, N. Y.

SUNSET REDS

ROSE AND SINGLE COMB

Show quality, line bred and proud of their family tree and show record. Cocks, Cockerels and Eggs.

President S. C. Buff Leghorns

Represent the oldest and strongest blood lines in America. Stock, Eggs, Chicks

J. QUINCY ADAMS,

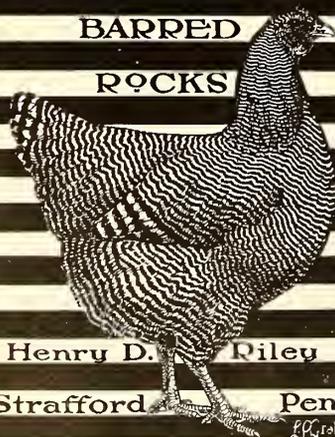
COSHOCTON, OHIO

The Riley Trade Mark of Perfection

RILEY'S

BARRED

ROCKS



Henry D. Riley

Strafford, Penna

Whenever you see the "Bars" think of Riley's Rocks—Barred of course

A Remarkable Record

was not so much the fact that

Riley's Barred Plymouth Rocks

won four out of five firsts at Williamsport, Baltimore and Scranton, and first hen and pullet breeding pen at Madison Square Garden, but it was a remarkable record that of the 62 entries made at these four shows.

Only 4 Birds Were Shown Twice

My yards are teeming with *quality* and contain a successful array of first prize winners. My mating list is ready to be mailed, and everyone interested in breeding the best Barred Plymouth Rocks should have some eggs from America's most noted strain.

HENRY D. RILEY, Box C, STRAFFORD, Chester County PA.

specials and 12 shape specials. Season of 1909-10 they showed at Boston, Alaska Yukon Pacific Exhibition, Washington, Richmond Hill and Pater-son and Madison Square Garden, win-ning 48 ribbons, 13 of them being blues, also 6 color and 5 shape specials. Last season to "top off" with, they entered at Madison Square, New York; Grand Central Palace, N. Y.; Texas State Fair, Dallas, Tex.; Red Bank, and Philadel-phia, winning 57 ribbons, 17 of them firsts, also 8 color specials and 7 shape specials. The color and shape specials mentioned throughout were those of-fered by the Rhode Island Red Club of America. In addition to this they won many other club and show spec-ials, also 24 silver cups. This grand show record in all parts of the country is truly marvelous. It has been our good fortune to witness many of their winners, hence we were in a position to know of the superlative quality of their exhibits. But our admiration for the American Beauty Strain was con-siderably increased after we paid a visit to their home in Nutley, N. J. last Fall. We arrived at their place just after they had installed a Hall Mam-moth Brooding system and we can truthfully state that we were delighted with the surroundings and also with the birds. In their catalogue is the sentence "we breed our winners" and from our observation we can truth-fully say that we believe them, as we saw many birds of splendid exhibition quality and I made the remark "I can see what the boys will be up against when you boys start out."

One of the strongest features of the American Beauty Strain is the great color of the hens. They are often taken for Pullets. As proof of their great color we mention that their 1st prize Hen at Madison Square this season won color special over some great Pullets. A year ago we saw a hen that they shipped to a western customer for a fancy price. We thought this one of the greatest Red Hens we ever handled. She was the color of a crackerjack Pullet and she was also wonderful in shape. I have only words of praise for the birds I saw at Kaufman & Windham's, but I am just as sweet on the "Boys" themselves. They are ex-emplary men and we wish that every reader of this little article could meet them in person. Their catalogue is a work of art. It is far ahead of any-thing put out by a Rhode Island Red Breeder and it is free to all that will request it. Every reader of A. P. W. should send for it as I want them all to take a view of the beautiful home of the American Beauty Strain of Rose Comb Rhode Island Reds.

JAMES H. BREITIGAN, LITITZ, PA.

Mr. Breitigan, probably well known to our readers as breeder of Columbian and Silver Penciled Plymouth Rocks, owing to limited facilities for breed-ing purposes and in order that he could give all of his time and attention to his favorite variety, has given up the Silver Penciled and in the future will breed Columbian Plymouth Rocks ex-clusively. At the Philadelphia Show Mr. Breitigan's entries were awarded 1st cock; 1st hen; 5th cockerel and 4th pen. He advertises that he has a num-ber of fine matings from which he will sell eggs. Look up his ad elsewhere in this number.

WM. H. CARR, ROUND LAKE, N. Y.

On several different occasions we have had the pleasure of meeting Mr. Wm. H. Carr, Box W, Round Lake, N. Y. Mr. Carr breeds White Plymouth Rocks and White Wyandottes and has exhibited these varieties at a number of the leading fall shows with con-siderable success. Mr. Carr's poultry plant is in the center of the village of Round Lake and is convenient to both steam and electric cars, and his build-ings and yards are well arranged. A year ago Mr. Carr showed at Sche-nectady and Utica Poultry Shows, and at the former won more points than all his competitors combined. At Utica he won cash special for the best four White Wyandottes in the show. Mr. Carr's business has increased and last year he did twice the amount of the business of the previous season. He has a limited amount of stock to sell and is prepared to fill egg orders also. Read-ers who are interested should send him for prices and mention this paper.

ESSEX-MODEL CATALOGUE

Our readers who are in the market for high-class incubators, brooders and poultry supplies will do well to send for the 1911 annual catalogue of the Robert Essex Incubator Company, Buf-falo, N. Y., manufacturers of the Essex-Model Incubators, Essex-Model Brood-ers and a full line of poultry supplies and remedies.

This book is a superior piece of print-ed matter and sales literature. It con-sists of 64 pages, 7½x10 inches in size and shows the Standard Essex-Model Incubators and Middle-price Essex-Model Incubators in the actual colors. There are numerous other illustrations and a full description of all goods manufactured and offered for sale by the Robert Essex Company.

When writing for the Essex-Model catalogue kindly mention A. P. W.

Crystal White Orpingtons (Kellerstras Strain)

Eggs from two year old prize winners, \$5 per 15, from yearling hens \$3 per 15. Satisfaction guaranteed or first order duplicated at one-half price.

WM. THURMAN, McMinnville, Tenn.

SUCCESSFUL INCUBATION

A WORKING MANUAL for large hatcheries. This book by Mr. P. Cook of the Los Angeles Mammoth Hatchery is the first really scientific work on incubation. There are no theories, but first-hand investigation in one of the largest hatcheries. Settles once for all the moisture question and ventilation. Gives simple directions to measure carbonic acid gas, etc. Tells how cripples and chicks dying in shell have been entirely eliminated and quality of chicks wonder-fully improved. For years to come this book will be the authority, a handbook to which the old experienced hand will turn to as well as the novice. Price postpaid \$1.00.

THE WEIMAR PRESS
3015 S. Main Street, Los Angeles, Cal.

BABY CHICKS AND EGGS
BUFF, WHITE, BLACK
ORPINGTONS

We are now booking orders for Eggs and Day-old Buff, White and Black Orpington Chicks, hatched by the best system yet devised. For hatching, we use only eggs from our own farm-bred, healthy, heavy-laying, prize-winning strains, and there-fore, we know that we are giving our customers the highest possible value; and we say positively, and with perfect confidence, that no one can offer you a better proposition, if as good a one as ours.

158 Prizes at Four recent Shows. As the demand for Day-old Chicks and Eggs will be enormous this coming season, you should not delay a single day in sending for our catalogue, which gives full particulars.

Grannis Bros., R. F. D. 14, LAGRANGEVILLE, Dutchess County, NEW YORK.

BUFF ROCKS

CHAMPIONS OF THE SOUTH

7 years with the Nuggets. Fine layers, wonderful color. Eggs from exhibition matings, \$3.00 per sitting.

FRANK T. PHILLIPS, Member A. P. A., LONACONING, MD.

IDEAL POULTRY FARM

LARGEST IN OHIO

BREEDERS OF THE FAMOUS

IDEAL STRAIN

ORPINGTONS

WHITE BUFF BLACK

S. C. Rhode Island Reds---Barred Plymouth Rocks

BEST IN THE MID-WEST Our show record proves our Exhibition Quality
Our trap-nest records prove our Laying Quality

EGGS=DAY-OLD CHICKS=STOCK

SEND STAMP FOR CATALOGUE AND MATING LIST

IDEAL POULTRY FARM, Box 14-B, CINCINNATI, OHIO
COLLEGE HILL.

TRIUMPH WHITE WYANDOTTES--Our Latest Winnings

The Great Chicago Show of 1910, 2nd cockerel, 2nd pullet, 5th pen. Lafayette, Ind., January and February, 1911, 1st cock, 1st cockerel, 1st hen, 2nd pullet, 1st pen, Silver Cup for best shaped male in show, Silver Cup for highest scoring bird in show. Two pens for exhibition birds. One headed by second Chicago cockerel, eggs \$1.00 each. One pen headed by cock at head of fifth Chicago pen, eggs \$10 per 15. Eggs from eight grand pens in which females have trap-nest records of from 180 to 242 eggs, mated with cockerels whose mother had a trap-nest record of 228 eggs, \$5.00 per 15, \$20 per 100.

HILLCREST POULTRY YARDS, We replace free all infertile eggs returned to us from first order, express charges prepaid. No stock for sale. DINSMORE & CO., Proprietors, KRAMER, INDIANA

BIG POULTRY FOOD MILL

THE NEW \$140,000 MILLING PLANT ERECTED IN CHICAGO BY
CYPHERS INCUBATOR COMPANY IS SUBSTANTIAL EVIDENCE OF
A GREAT AND GROWING POULTRY INDUSTRY

What would the best informed poultrymen of the United States have thought ten years ago if they had read in the poultry papers that some man or company had put One Hundred and Forty Thousand (\$140,000) dollars into a milling plant to be used for the manufacture of poultry foods and the grinding of alfalfa?

You probably would have said that somebody had "gone crazy", but we do not believe this will be the verdict today.

Yet it is a remarkable forward step in the growth and expansion of the poultry industry that any one should have felt justified in erecting and equipping the enormous milling plant that Cyphers Incubator Company of Buffalo, N. Y., started in operation the first week of last month. It speaks volumes for the development of an industry that only a few years ago was often spoken of in derision as "the chicken business".

Cyphers Company's new Poultry Food and Alfalfa Mill is located very near the geographical center of the corporation limits of the city of Chicago. That is why the locality is called the "Central Manufacturing District". A faithful likeness of the big building made from photograph, is shown herewith. It is by far the largest and most modernly equipped exclusive Poultry Food and Alfalfa Mill in existence.

The Cyphers Company was a pioneer in the manufacture and introducing of dry-grain, finely-granulated, balanced-ration, machinery-mixed poultry foods. Ten years ago this company equipped its first mill of the kind at Buffalo, N. Y. Four years later it leased a large mill building at Kansas City, Mo., and

for six years manufactured its poultry foods and alfalfa products at that point.

In the spring of 1910, it was found necessary to erect a much larger mill and after careful investigation it was decided that the best location was Chicago, on account of that city being the world's greatest grain market and because of its well-known advantages as a rail-and-water distributing point to all parts of the United States.

The best milling talent available in the country was employed to design the big building, to construct, lay out, buy and install the latest and best machinery. The result is an ideal, yet thoroughly practical mill, having at present a twelve-carload capacity per ten hours with a prospective capacity of thirty-six cars per day by working both a day and night force, if this should become necessary in meeting the demand.

When the Cyphers Company started making dry-grain, ready-mixed and finely ground foods for chicks, ducklings and adult fowls eleven years ago at its original factory in Wayland, N. Y., it of course had no trade at all in this line—in fact the company's entire business then did not amount to one hundred thousand dollars per year, but at the present time this well-known company is selling more than a million dollars worth of goods per year, of which vast sum one-fourth consists of poultry food and alfalfa sales.

Here, indeed, is substantial proof of the remarkable growth of an enterprising progressive company that is doing its share in helping to develop the poultry business in all legitimate branches—and proof also of the wonderful expansion of the poultry industry during the last ten years which has made these results possible.

SOMETHING WORTH WHILE

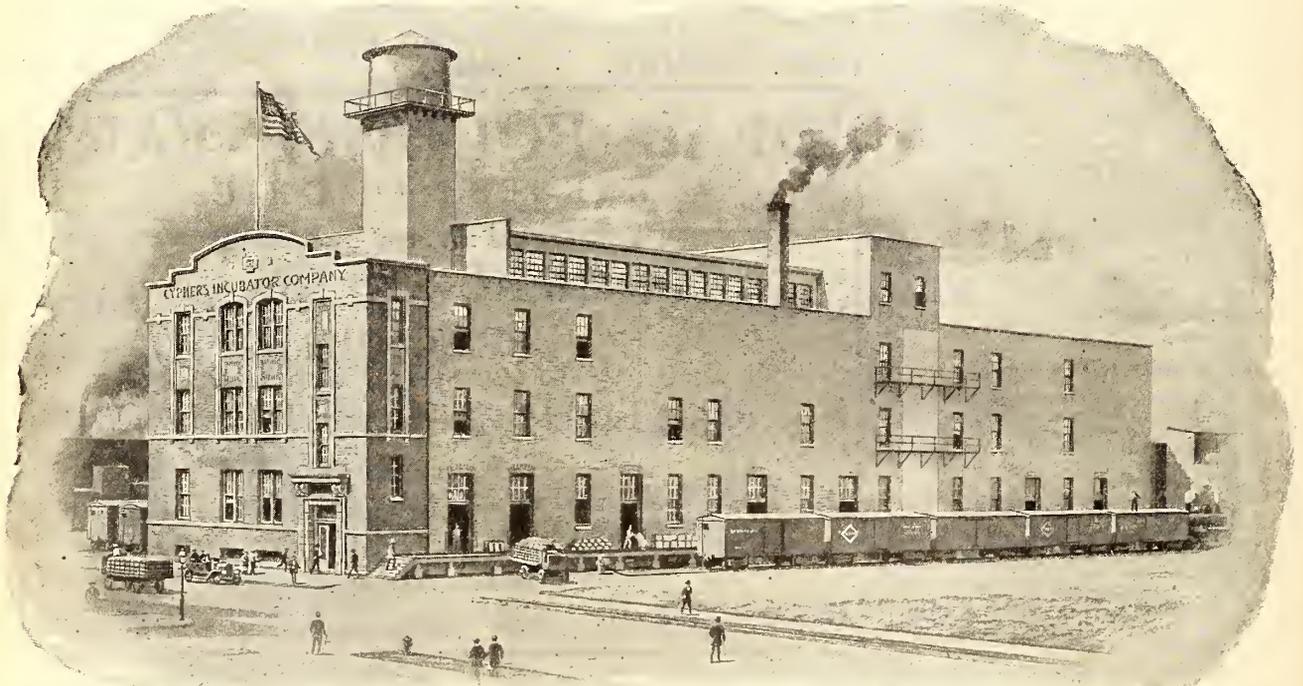
William Cook & Sons, originators of all the Orpingtons, of Scotch Plains, N. J., announce that they will give twenty FIFTY DOLLAR CUPS during the coming season to advertisers of the Cook Strain or persons who have purchased eggs or birds from them. These cups will be given at different shows all over the country and if interested get your secretary of the poultry show to write them for particulars. Cups have been promised so far for the following shows: Philadelphia, Pa., Knoxville, Tenn., New Orleans, La., Dallas, Texas, Hamilton, Bermuda. There will be strong competition among those fortunate enough to have COOK Orpingtons. Their object in giving these cups to their customers is to show them that they do not lose interest in them after they have received their order, and it will be also good advertising for the different winners of these cups. It is their intention to increase the number of cups given every year.

THE WATER FOWL CLUB OF AMERICA

The annual meeting of the Water Fowl Club was held in Madison Square Garden, New York City, Dec. 29, 1910. The following officers were elected for the ensuing year: President, Eugene Sites, Elyria, Ohio. Vice President, John C. Kriner, Stettlersville, Pa. Sec'y-Treas., Clarence W. King, Romulus, N. Y. The membership fees and dues are \$1.00. Send all communications to Clarence W. King, Romulus, N. Y., Sec'y-Treas.

ONDAWA FARM, SHUSHAN, N. Y.

A very neat little booklet printed in two colors has recently been issued by the above farm. This booklet is thoroughly descriptive of the stock bred and for sale here. All stock is guaranteed to be as represented and to be satisfactory, or same may be returned and money refunded. Readers of AMERICAN POULTRY WORLD should address all inquiries to Lewis T. McLean, Ondawa Farm, Shushan, N. Y.



CYPHERS INCUBATOR COMPANY'S NEW POULTRY FOOD AND ALFALFA MILL, CHICAGO, ILL.

This substantial and strictly modern building was erected during the summer and fall of 1910, in the central manufacturing district, 37th Street and Ashland Ave., Chicago, Ill., by Cyphers Incubator Company, and is by far the largest and best equipped mill of the kind in the world. It represents an investment of \$140,000, and is complete in all details. Ground dimensions 60 by 240 feet; floor heights, 12, 16, 14 and 12 feet. Inside grain storage room, 60,000 bushels; outside, 150,000 bushels. Present daily capacity, twelve cars, one shift; two shifts, twenty cars. Prospective daily capacity, thirty-six cars. Mill section is devoted exclusively to manufacture of Cyphers Sealed-Bag Brand Poultry Foods and Alfalfa Products.

Perfect Equipment Has Meant Our Success



We are not making a vain boast in saying we have the largest egg farm and chick-hatching plant in the world. We have learned much about hatching chicks—as the 13,000 laying hens on this farm go to prove. We have used practically every standard incubator. We have suffered from their faults, learned how to remedy them, and put into the construction of our **International incubator** all the fruits of our experience.

INTERNATIONAL SELF-HUMIDIFYING INCUBATOR

The Hen's Only Competitor will outmatch any other incubator because it can and DOES supply the required amount of moisture until the hatch has been completed. **No late stragglers can stick in the shells in an International.**

Unvarying temperature at the egg level, fresh air with "life" in it, automatic moistening, no fumes, no sprinkling—these are among the great International features. Our incubator is made in 100, 200, 300 and 400-egg sizes. Oak construction—prices considerably lower than those of other standard incubators. We have no jobbers or agents. We sell direct to the consumer and we pay the freight.

INTERNATIONAL SANITARY HOVERS

solve the problem of chick raising. We would like you to know why the "Foster" mother raises 90 to 95 per cent. of all her chicks. We have the best substitute ever devised for the mother hen. All metal; vermin proof as well as fire-proof; fresh, pure air and steady, mild heat; no dirt, no drafts. Warmer at the outer edge than near the center—and the only hover so constructed. Chicks hover around the outer edge. Don't crowd toward the center and smother.



BABY CHICKS and HATCHING EGGS

We have an incubator capacity of 100,000 eggs, with a baby-chick production of 70,000 every 21 days! How many of these chicks can we ship to you? We have a daily production of 5000 hatching eggs from yearling and two-year-old breeders. We make it an absolute rule not to sell pullets' eggs for hatching. Last year we shipped to 24 different states from the Atlantic to the Pacific. **We guarantee 90 per cent. fertility.**

We have just completed our 1911 catalogue on incubators and hovers, also our stock catalogue on **Rancocas strain BABY CHICKS and HATCHING EGGS.** You are welcome to either or both of these. We hope you will send for them.

We have not taken space enough to put an entire catalogue into an ad, because we do not want to have to charge you 50 or 75 cents additional on an incubator or a hover. We prefer to put additional value into our goods. Send for our catalogues.

INTERNATIONAL POULTRY SALES COMPANY,

Home Office: **Box 245, Brown's-Mills-in-the-Pines, N. J.**
Branch: **21 Barclay St., N. Y. City.**

THE WISCONSIN POULTRY SHOW

The most successful show of the Wisconsin Poultry Association terminated January 6, after a week's well patronized exhibition at the College of Agriculture of the University of Wisconsin at Madison. As regards number of exhibitors and birds shown the 1911 meeting was a banner affair. One hundred thirty-three exhibitors entered 1,300 birds, all Wisconsin stock.

Many spectators and exhibitors voiced their commendation by designating this show as one of the best utility exhibitions in the country. The Plymouth Rock, Wyandotte, Rhode Island Red, and Orpington breeds were fully represented in all varieties and classes with an attendant keen struggle for first honors and the blue ribbons.

The special features of the meeting were an exhibition of excellent imported pheasants of rare value, displays of domestic and wild geese and ducks, some of these individuals weighing between 30 and 40 pounds, and pens of turkeys of fine quality and size. A noticeable individual was one Brant which weighed about 50 pounds.

Keen competition was in evidence from the beginning of the exhibition for the silver cups, the premier prizes offered by the association. In addition nearly every national poultry club of the various breeds offered cups for this exhibition in order to promote the general popularity of their respective breeds and to induce fanciers to breed and raise only such stock as corresponds to the ideals advocated in the Standard of Perfection.

A sale of breeding stock subsequent to the judge's decisions was not as well patronized as it should have been considering the quality and condition of the offerings. The sales were mostly of inferior stock ranging in price from \$2 to \$10. Several Rhode Island Reds topped the sales bringing \$15 and \$20 respectively.

Great interest was manifested in the annual meeting of the Association, which occurred Thursday afternoon, January 5. After animated discussion and debate the policy adopted for the future was one of broad expansion with the ideal in mind of making the show a typical state exhibition and the principles of the organization extremely progressive.

It was decided to have the fowls judged by the comparison system in 1912. All birds not receiving a place will be scored later by the score card system. In this way the winners will be announced during the early part of the exhibition, thereby increasing the educational value of the show and making the awards more accurate.

The accurate score of each bird will then be given to the exhibitor and the weak points in the individuals designated so that the breeder may readily recognize and possibly correct any deficiencies in his flock.

The election of officers of the Wisconsin Poultry Association for the current year resulted as follows: President, Rear Admiral F. M. Symonds, retired, Galesville, Wis.; first vice-president, J. T. Donaghey, North Freedom; second vice-president F. Sweeney, Argyle; secretary, Professor James G. Halpin, Madison; treasurer, L. B. Rowley, Madison; Directors, L. Elphick, Lima Center; Dr. F. C. Cobb, Sun Prairie; C. Gerard, Stoughton; E. H. Hoffman, LaCrosse; W. F. Belda, De Forest; Wm. Milward, Madison; Wm. Thomas, Belleville; W. K. Davis, Milton, and A. J. Nounington, Marshfield.

CHAS. L. SEELY, AFTON, N. Y.

When it comes to beauty, can you imagine anything more beautiful than the W. C. Black Polish? Chas. L. Seely, Afton, N. Y., one of the oldest poultrymen in the country today, has bred this variety for years. Although they are considered by most people as an ornamental breed, they have their good qualities as well as the others. Mr. Seely informs us that they are prolific layers of nice, white eggs and that as a table fowl compare very favorably with many other varieties. Drop Mr. Seely a line and learn more about these beautiful fowls.

CARTER'S PARAGON HOUDANS

Stock, Eggs and Baby Chicks. Don't fail to send for prices and literature. **JOSEPH F. CARTER, ELMIRA, N. Y.**

BUFF WYANDOTTES WHITE

Winners again, 1910-11 at Chicago, Ill., Apalachian Exposition, Knoxville, Tenn., Chattanooga, Tenn., Kentucky and Alabama State Fairs, Kentucky State Show and Huntington, W. Va. 32 firsts, 17 seconds, 12 thirds and 5 fourths at above shows. 12 years breeding the best Wyandottes. Eggs from above winners, \$5 per 15; \$12 per 45. Other choice matings, \$3 per 15; \$7.50 per 45. 25 Choice Cocks and Cockerels for sale, \$3, \$5 and \$10 each.

Power & Threlkeld, Box 532-A, Maysville, Ky.

PARSONS'

Barred Plymouth Rocks

They are great layers and great winners. Have won hundreds of ribbons, and many Silver Cups at New England's leading shows. And birds from my yards have won at Madison Square, Boston, Hartford and other places. Every bird on the place is closely related to Boston, Chicago and Madison Square Garden winners. Our 15 breeding pens both Cockerel and Pullet matings are admitted the best we ever had.

Eggs, \$5 per 15; \$9 per 30; \$13 per 45 from best matings. And \$3 per 15; \$5.50 per 30; \$7.50 per 45. Incubator eggs, \$10 per 100.

A few exhibition bred cockerels, "World's Champion" and "Grandson's Brothers" lines' for sale.

Charles Parsons,

Barred Rock Specialist, CONWAY, MASS.

Two Leaders

American Poultry World and Poultry Keeper

Both One Year for 75 Cents.

If you want the latest news, the best advice and the most helpful and practical information on Poultry Breeding, you should be a regular reader of these two leading publications devoted to Poultry.

American Poultry World

Leading authority on Standard-bred poultry raising. Publishes more original and instructing reading matter than any other. Has the strongest and best editorial staff, including Grant M. Curtis, J. H. Drevenstedt, Wm. C. Denny. Twelve regular departments, each conducted by an expert. Illustrated by the world's foremost poultry artists, A. O. Schilling, F. L. Sewell, I. W. Burgess. Regular subscription price, 50 cents per year.

Poultry Keeper

For almost thirty years has been the foremost, practical poultry magazine. Its strong features are in working out the ways to make money with poultry. The farmer who raises for market, the beginner just starting, the village poultryman, the keeper of a few hens on a city lot, all will find their best help in Poultry Keeper. It is well illustrated and matter is original. Each issue is chock full of practical advice and helpful suggestions. Regular subscription price 50 cents per year.

These two best Poultry Publications, both for one year, 75 cents. This offer is good for renewal and new subscriptions. Address,

American Poultry Publishing Co.,

158 Pearl St., BUFFALO, N. Y.

**WAYNE POULTRY FARM, BOX 67,
STONY POINT, N. Y.**

F. W. Christie, proprietor of this farm, is a well-known breeder of S. C. White and Brown Leghorns. We believe that all breeders of Leghorns and those who are looking for birds that will fill the egg baskets will be interested in Mr. Christie's catalogue, which he will send free on request.

Mr. Christie started out to have a flock of strong, healthy birds that would be great layers of large white-shelled eggs and he is accomplishing his object. He breeds only from fully matured stock one to two years old and those that are known to be good layers. We noted that both the Brown and White Leghorns were unusually large and they showed great vigor. Many of Mr. Christie's birds are of exhibition quality and would give a good account of themselves in competition. However, Mr. Christie is not showing, as he is very busy improving his place and building new houses and runs. He is also putting up a fine country residence. All the old houses on the place are being remodeled and he was installing a large gasoline engine that pumps water into the dwelling house and barns and the poultry houses and yards.

The farm is located about three miles from Stony Point. Mr. Christie is building houses of the open-air type and as he believes that what is worth doing is worth doing well, he is lathing and plastering these houses. They are protected by curtains which are only dropped during severe storms. The farm consists of 160 acres and is well adapted to poultry raising. It lies between two ranges of mountains and has a southern and southeastern slope.

Our readers will be interested in Mr. Christie's method of feeding. All the oats grown on the farm are given to the poultry just as they grew and the birds do the threshing. On clear, sunny days straw is thrown in front of each house (a space of 15 to 20 feet is kept free from snow and ice in front of each house) and grain is thrown into it and the birds seem to enjoy the exercise very much.

Mr. Christie reports a fine trade in baby chicks last year, and he has built a new double brooder house that will help him to increase his output materially. At evening the birds (in the summer) are fed a mash composed of cornmeal, ground oats, wheat middlings, bran and beef scraps. In the winter 100 pounds of linseed meal and an additional 50 pounds of meat scrap are added to the mash, also a considerable portion of alfalfa meal, which is steamed several hours before being mixed with the other ingredients. They are also given cracked corn, wheat, oats and sometimes barley. These are scattered in the deep litter and the fowls have to work for them.

The young birds are housed in about 25 large sized colony houses scattered over the place. Next year Mr. Christie will have more of these, in fact he thought he would have a hundred scattered over the farm. His catalogue shows illustrations of his plant and describes his matings, etc. When writing kindly mention AMERICAN POULTRY WORLD.

SUNSWICK ORPINGTON CATALOG

One of the handsome and attractive catalogs of the season is being sent out by Rufus Delafield, owner of Sunswick Poultry Farm, South Plainfield, N. J. Mr. Delafield conducts one of the largest poultry farms in the country, devoted to the breeding of the three varieties of Orpingtons, White, Black and Buffs. He also breeds Buff and Blue Orpington Ducks with which he has been very successful. His catalog contains illustrations of his noted winners, a description of his breeding yards, prices for stock and eggs, and is one that will prove interesting to every breeder of these popular varieties. Men of Mr. Delafield's standing and business experience are a credit to the poultry business. In fact they are a necessity. Readers who are interested in the varieties handled at Sunswick Poultry Farm should write for their catalog and mention AMERICAN POULTRY WORLD.

GEO. L. BUELL, LORAIN, OHIO.

Geo. L. Buell is one of the many enthusiastic breeders of S. C. Rhode Island Reds, and he has some of "the best" of this variety.

At the last Chicago show Mr. Buell won first and third pullets and enough at Cleveland to win the state cup. He has about 400 young birds this year. They are well developed and of very good quality. Many are from his famous cock bird, and this old bird is perhaps the sire and grand-sire of more really good, prize-winning S. C. Reds than any other bird in the mid-west.

Lorain is situated on Lake Erie and Mr. Buell's home is right on the lake, so to speak. His poultry yards run down to the narrow beach where the birds obtain sand and gravel.

Baby Chicks of Quality



Shipped to you by express, safe arrival guaranteed. From standard - bred, prize - winning, heavy - laying Rose Comb Brown and Single Comb White Leghorns, 10, 12½ and 15 cents each. Exhibition Columbian Wyandottes, Silver Spangled Hamburgs and White Orpingtons, 25 and 35c. each. My new hatchery has a capacity of 200,000. Illustrated catalog, free.

LEON L. HOUGH, Box 7, CANISTEO, N. Y.

HOWLAND'S BUFF WYANDOTTES

win at Poughkeepsie on 4 entries, 1st and 2nd Cock, 1st and 2nd hens. At the Great Hagerstown Show, on two entries, won 1-2 hens. Will sell a few choice cockerels, \$3 to \$15, pullets \$2 to \$5. Eggs \$7, \$5, \$3 per 15. Satisfaction guaranteed. HOME OF THE MADISON SQUARE CHAMPION PULLET.
STUART A. HOWLAND. GRANVILLE, N. Y.

LANGSHAN HILLS POULTRY FARM

**BARNES LANGSHANS PRIZES WON
BLACK LEAD IN PRICES O. K.**

Our Catalogue will show you our show winnings are SECOND TO NONE. Eggs, \$3.00 for 15; two sits \$5.00. Farm range eggs, 5 cents each.
NAPOLEON J. BARNES, R. F. D. 6, Box 15, WINCHESTER, KENTUCKY

Drumm's Barred Plymouth Rocks

SEND FOR DESCRIPTIVE CIRCULAR OF MY WINNINGS AND MATING LIST

Eggs from both matings, one sitting \$3.00, two sittings \$5.00

W. B. DRUMM, Box 6066, CHATHAM, N. Y.

COLUMBIAN WYANDOTTES

S. C. WHITE LEGHORNS

EGGS

::::: and BABY CHICKS

From seven pens of well mated, grand, sturdy breeders. The record of my birds in the SHOW ROOM has been most creditable this year, AS USUAL. Have shown at Philadelphia, Trenton, Mt. Holly and Morristown. Furthermore my EGG RECORD this winter has been splendid, AS USUAL. Write at once for prices, they will please you. I also have a limited number of B. S. JAPANESE BANTAM.

EGGS FOR SALE FROM BLOODED STOCK

J. ARTHUR PANCOAST, MERCHANTVILLE, N. J.

LINDENWOOD FARM

WHITE WYANDOTTES

The winning strain of record layers. Winning at Philadelphia, Trenton, Norristown, Sellersville and leading fall fairs.

NOW BOOKING ORDERS FOR EGGS

Ten pens mated that will produce tip-top results. Mating lists ready after February 1st.

G. L. ODDY, Box 13, CENTRE SQUARE, PENNA.

Tolman's White Plymouth Rock Baby Chicks

EGGS FOR HATCHING

SEVEN (7) YEARS

Open-front, fresh-air breeding back of them, the kind that live and give results. Tolman Strain of White Plymouth Rocks are money makers. Try them. Plan of Small Colony House No. 1, or Large Practical House No. 2, 50 cents each. My feeding formulas bring success wherever used. Price 50 cents. Send for free circular, it will interest you.

JOSEPH TOLMAN, R. F. D., Box G, ROCKLAND, MASS.

READY-MADE POULTRY SPECIALTIES

The element that has contributed to the present widespread desire to own poultry has been the fact that one can buy almost anything he needs.

This is a decided advantage, particularly for those who live in the city or in suburbs, where often it is inconvenient to secure the materials needed to make poultry houses, brood coops and such other necessities of even a small poultry yard.

All these things can be bought in ready-made form, and the cost is very little, if any, in excess of the raw materials used in their making, while, as for their superiority to the home-made article, there can be no question.

Among the well-known manufacturers of poultry specialties is the E. F. Hodgson Company, whose address is 110 Washington Street, Boston, Mass. Their well-known trade-mark line of "Wigwam" specialties is familiar to our readers. Take, for instance, the Wigwam Setting and Brood Coops, which will be found just the thing for colony raising, and its success has been proved for twenty-two years. In size, it is 2 x 4 feet, and two feet high. It is well built, and gives a hen and her chicks protection from rats, hawks and other enemies. Yet the cost of this coop is only \$3.00. This is typical of other articles made by this company, which include brooders, colony laying houses and sectional poultry houses. These latter are particularly desirable for the poultryman who expects to increase the size of his flock. He can buy one section, and then, as he needs additional room, can add other sections. These houses are built in the latest style of poultry construction; have open fronts, with canvas covered frames. They are made to put together with little trouble, and a hammer and a few nails are the only tools a man needs. Before undertaking to be your own poultry carpenter, it would be well to secure a copy of this firm's catalogue. A postal card request will bring it promptly.

FRED C. LISK, BOX L, ROMULUS, N. Y.

Mr. Lisk about a year ago sold his town residence and bought a farm of 50 acres of extra fine land within sight of the railroad station at Romulus. He will be glad to welcome all his old friends who may wish personally to inspect his stock.

The high quality of the White Wyandottes bred by Mr. Lisk is well known. They have won at the leading shows for him and for his customers. He is a careful, painstaking breeder who knows how to mate to produce certain results. A number of times his birds have won silver cups for being the whitest birds in the show room, but Mr. Lisk is not content to produce show specimens that have not utility value as well. He said that his best layers have invariably been his best show birds.

The past season Mr. Lisk stated was his banner year, so far as sale of stock and eggs is concerned.

Mr. Lisk uses one long breeding house and a number of colony houses. He will erect enough of them for his use and plans to have a practical up-to-date poultry plant. He will double the number of breeders for next season's trade. He has a few mature cockerels for sale. Mr. Lisk said he makes a practice of feeding the cereals that are commonly given to poultry and scatters them in the litter where the birds have to dig to get them. In addition he gives a dry mash to the fowls three times a week—all that they will eat up. As evidence of the vigor of the chicks and the strong fertility of the eggs, Mr. Lisk stated that 95 per cent. of the chicks hatched are raised to maturity.

At the recent Columbus, Ohio Show, Ira C. Keller, the well-known Wyandotte breeder of Prospect, Ohio, won on Silver Wyandottes 1-4 cock, 1-4-5 cockerel, 1-2 hen, 2 pullet, 3 pen, Club cup for best display; Golden Wyandottes, 1-2 cock, 1-2 cockerel, 1-2 hen, 1-2 pullet, 1 pen; White Wyandottes, 2 cock, 4 cockerel, 5 hen, 2-4 pullet, 2 pen.

THE COLUMBUS, OHIO, SHOW

The Ohio State Poultry Show held in Columbus, Jan. 16-21, 1911, was one of the largest and best exhibitions of this kind ever held in the midwest. Much credit is due for the success of this show to the enterprising officers who had charge of it. This is especially due of the secretary, W. R. Hague, who is one of the hustling type, who is always on the job and sees that the exhibitors get a square deal.

The classes were large in most instances and competition was close. A feature of this show that created considerable interest was the children's display. This brought out a fair sized entry, which included almost everything from bantams up to the larger breeds. F. H. Jones.

ROGERS POULTRY FARM, RANSOMVILLE, N. Y.

Great progress has been made in the past few years in the baby chick industry. Rogers Bros. were among the earlier breeders to take up this branch of the business. By using only the most vigorous breeders, reared on free range in open front houses, they have succeeded in building up a trade that has increased from year to year until today their baby chick business reaches into the thousands. They also offer baby ducks and one and one-half pound pullets. In writing them for prices mention AMERICAN POULTRY WORLD.

Dollar Makers For You



Our new catalog shows you how to make and save money in many ways.

LEG BANDS
Smith Sealed. Used by America's leading fanciers. Prices: 12, 30c; 25, 50c; 60, \$1.00; 100, \$1.50; 500, \$6.50; 1000, \$12.50; postpaid. Leader Adjustable. Smoothest and most secure fastening ever invented. Prices, postpaid: 12, 15c; 25, 25c; 50, 40c; 100, 65c; 250, \$1.50; 500, \$2.75; 1000, \$5.25. Samples free. Our book tells why to use them and how to use them.

DAVIS FOUNTAIN
provides chicks and poultry with fresh, clean water at all times. Hung up off the ground, so chicks cannot get wet or chilled; can be used with any ordinary bottle or can which you have, for water, grain, grit, or oyster shells. Prices: Regular size, 25c; Brooder size, 20c each, or \$1.79 and \$2.25 per doz. Postage extra.

KLEAN DRINK FOUNTAIN
Is for the same purpose as Davis Fountain but holds Mason Jar or 6. Made in sizes for pint Mason jar, 10c each, \$1.60 per doz.—quart, 20c each, \$2 per doz.—two quart, 25c each, \$2.50 per doz. Postage extra. Our leg bands and fountains cost so little and save you so much that you lose money till you get them. Write postal now for our CATALOG—FREE—shows many handy things for poultrymen. We will also send samples of leg bands.

KEYES-DAVIS Co., Ltd., Dept. 530, Battle Creek, Mich., U. S. A.

ALT'S FAMOUS TWO IN ONE STRAIN SINGLE COMB RHODE ISLAND REDS

Another Great Victory at Buffalo International Show, 1911
1 Cockerel, 1-4 Hen, 4 Cock, 1-3 Pen and Grand Silver Trophy, for the most points on Rhode Island Reds, both combs competing. My winners were the sensation of the show. I will book a limited number of settings from pens, including winners, at \$3 and \$5 a setting. Write for free mating list.
HENRY W. ALT, 87 Fuller Avenue, BUFFALO, N. Y.

LARUE'S WHITE WYANDOTTES SUPERB STRAIN

Line bred, trap-nested, winning in every show where shown in the last seven years, every bird a show bird, no special matings as utility pens, eggs from all pens \$3.00 per 15; \$5.00 per 30. Day old chicks, 40c each. Satisfaction guaranteed. Send for my mating list.
R. S. LARUE, BELLEFONTAINE, OHIO

RHODE ISLAND REDS EXCLUSIVELY

One hundred dandy pullets to sell now laying. A few of those fine Cockerels left, \$3.00 and up. I need room for my breeding stock. Eggs for hatching, special matings \$3 for 15. Eggs from pullets now a year old, \$1.50 for 15.
H. C. BYINGTON, NAPLES, N. Y.

BABY CHICKS OF QUALITY At TUSCARORA FARM

S. C. WHITE LEGHORNS S. C. BLACK MIMORCAS
Hatched from eggs laid by large, healthy, vigorous, farm-raised, Standard-bred stock of exceptional laying quality. Winners at New York State Fair and Steuben County Fair, September, 1910, and at Buffalo, January, 1911. Get my prices before placing your order for Baby Chicks. Eggs for hatching
Circular Free
MARION LEWIS, R. R. No. 2, CAMERON MILLS, N. Y.

Highland Five Acre Poultry Farm Kennett's O. K. Strain (S. C. BUFF ORPINGTONS BARRED PLYMOUTH ROCKS R. C. BROWN LEGHORNS)

They won more prizes than any other exhibitor at the big Dayton show this year. Sent six Orpingtons to the Xenia show and received four firsts, including first pen. They are immensely popular, from the fact they are not only exhibition birds, but good layers, healthy and vigorous.
Orders for Eggs are receiving prompt attention and are being booked right along
J. L. KENNETT, Proprietor, 28 Louis Block, DAYTON, OHIO

AMERICAN DOMINIKES

The Great Utility Breed

Writers of poultry history admit that the Dominique was the greatest layer of all the fowls on our ancestors' farms. Let us consider why this is so today. It is accepted as a fact by all the Experiment Stations, as well as by careful observers, that to obtain good layers we must breed from good layers. Imagine a breed that has been bred to lay for over a hundred and fifty years! This is the case with the Dominique fowl.

The early settlers were practical folks, not given to fads. If a hen was a good layer, she was kept over to breed from, and this method of selection was pursued for so many years that a breed of fowls was perfected to such a point, as layers, as to surpass any known breed on the American Continent. Such is the American Dominique of today.

Her many admirers have tried all other breeds, but have been forced to admit that at the end of three hundred and sixty-five days, the Dominique has returned more money by far to the owner than any of the others.

The equipment of the Dominique, for utility, is complete. They are snappy,—hustling all the day long; close-feathered—not being effected by the cold; small combs on females,—not possible to freeze; so extremely hardy, from generations of farm life, that they are not susceptible to disease. In short, the American Dominique is the most profitable fowl of them all.

A. Q. CARTER,
Freeport, Maine.
Pres. Nat'l American Dominique Club.

H. O. PALEN, HIGHLAND, N. Y.

Mr. Palen has recently issued a neat little catalog describing his "Black Beauty" strain R. C. Black Minorcas, bred for vitality, beauty and utility; all range grown and full of vim and vigor. Eggs are offered for hatching from six pens everyone of which is headed by a Madison Square Garden winner. Mr. Palen made 9 entries at the recent Garden show and won 8 regular prizes as follows: 1-3-6 cockerel, 1 pen, 2 hen, 3-5 pullet, 5 cock, special for best cockerel, special for best pen and Club cup for best display. This is proof that he has the quality in R. C. Blacks and those interested in this variety should ask for his catalog. Express is prepaid on all original orders.

ZENOLEUM

One of the most highly recommended disinfectants for general use of the poultryman is "zenoleum", advertised elsewhere in these columns. This preparation fits into all places where there is use for a disinfectant or deodorant. It is recommended for the cure and prevention of many ailments to which domestic poultry are subject; is especially valuable for disinfecting the hatching chamber of incubating and spraying the eggs before incubation to prevent germ infection, thus removing the danger of white diarrhoea from this source. It is used and recommended by many prominent poultrymen and indorsed by a majority of the Government Agricultural Stations. For further information regarding this preparation address the Zenner Disinfectant Company, 270 Lafayette Ave., Detroit, Mich.

WM. MILLER, CRESCENT, MO.

As a general purpose fowl there are few that will equal the White Plymouth Rocks. Wm. Miller of Crescent, Mo., has bred this variety for years and has succeeded in building up a strain of such superior quality that he calls them the "Champions of the West". To give every White Rock fancier an equal opportunity he has decided to sell eggs at \$5.00 per 15 straight this season. In writing him do not fail to mention AMERICAN POULTRY WORLD.

\$1.00 VALUE FOR 75c

Send up 75c, coin or stamps, and receive a copy of the "Chick Book," and AMERICAN POULTRY WORLD for one year. Address AMERICAN POULTRY WORLD, 158 Pearl Street, Buffalo, N. Y.

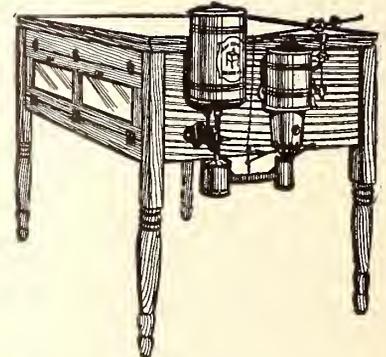
**You Can Build
This Best
Incubator
Yourself
and Save Money**

30,000 intelligent poultry men and women have proven that my way of securing the best Incubators is the most profitable. Do it yourself. It's as easy as A B C. I will save you the extras, the freight, the cost of high priced labor and finishing, and give you the best Incubator that money can buy, and a big saving in cost over all high grade machines. You can do it with your own hands. Just my parts and simple directions, which anyone can understand—a saw and a hammer—these are all you need. For 25 years my way has been followed by good poultrymen. They know I have overcome the imperfections and drawbacks in other machines. My plans and parts will give you absolutely the latest and best.

SEND FOR FREE INCUBATOR BOOK

This tells the big facts about Incubators. It tells why my combined damper and flame regulation, tandem thermostat, beat distributing bars, and automatic ventilation should be in every incubator. These are the vital parts of an Incubator—the greatest inventions that have been made since the discovery of artificial hatching. A boy of twelve can build an incubator with my plans and parts. I'll show you the way to more money and better chicks. Just sit down and drop me a line. Say "Send me your Incubator Book"—It's FREE.

H. M. Sheer Co.
Dept. 8 Quincy, Ill.



Special!

To owners of other makes of Incubators—do not put up with inferior fixtures. My lamps, regulators, burners, tanks, heaters, thermostats and other appliances are adaptable to all makes of Incubators and Brooders. If I have not what you need, I will build it for you. This is good news to thousands who do not wish to purchase a brand new Incubator, and yet who realize they can get better results from Sheer's appliances. When making repairs, use Sheer's lamps, regulators, etc., and note the great improvement in efficiency. I will supply the appliances you need. Write me personally.

CHAMPIONS THAT HAVE PROVEN THEMSELVES CHAMPIONS

Again They Conquer. The SUPREME QUALITY of

Hillardorfer's Champion Jumbo Black Minorcas

(Already proven in the judgment of the best authorities)

Is Again Demonstrated at AMERICA'S LEADING POULTRY SHOWS

Madison Square Garden, New York, 1910, Great Mid-West Show, Chicago, December, 1910. Where they again proved themselves to be CHAMPIONS OF CHAMPIONS.

If you desire to improve the size, shape, or color, of your birds, or increase the size, number and quality of the eggs, come to headquarters, where we can furnish you with HIGH-CLASS, HEALTHY, breeding stock that will make you successful. We still have for sale a number of choice males, including large, vigorous cockerels. No more hens or pullets this season. PLACE YOUR EGG ORDERS EARLY. EVERY EGG STAMPED AND GUARANTEED.

EGGS FROM MATING LIST FOR 1911 ARE OFFERED AS FOLLOWS:

- First Cock out of first breeding pen, and First Cockerel at Chicago Show, 1910, \$20.00 per setting
- First Cock and Third Cock, at Chicago, 1910, \$15.00 "
- Two Special Matings:
- 1st—Cock out of Pen, N. Y. Show, 1910, and
- 2nd—Cockerel at New York Show, 1910, \$10.00 " "
- Four pens of Pullets and Cockerel matings, \$ 5.00 per setting
- Also have eight pens mated up; the run of these matings
- at \$ 4.00 " "
- Two settings at \$ 7.00
- Three settings at \$10.00

All eggs guaranteed to be out of pens as ordered. Am using all of my PRIZE WINNERS for mating lists. Please specify Express Co. you wish eggs shipped by. Address

THE HILLDORFER BLACK MINORCA FARM, H. G. Guckert, Mgr., SAXONBURG, BUTLER CO., PA.

Complete Catalogue on request.

Please mention this Journal.

DEALINGS IN DAY-OLD CHICKS

(Continued from page 383)

On long journeys we ship about 2 hours after hatch has cleaned up. One day's journey, chicks are 2 days old. J. S. Haupt.

I usually ship 12 hours after the hatch is entirely through. If only a short distance could wait a little longer. J. C. Punderford.

From 18 to 20 hours. L. F. Holmes.

Chicks may be shipped as soon as dried off. They should not be shipped "green". We have shipped on 21st day, but plan to ship everything on 22nd day. Chicks not ready to ship then we throw away. Pittsfield Poultry Farm.

It is not advisable to ship before 15 hours after hatching. H. A. Webster.

As soon as they are thoroughly dry. Rogers Bros.

About 24 hours after leaving the egg we believe about right. Van Wie Poultry Supply House.

Right from incubator before they need food or water. Chas. F. Thompson.

As soon as the majority are dry they can be shipped with safe arrival assured any great distance for 60 to 72 hours duration. When they go only a short distance, we let dry. Wolverine Hatchery.

6. How long after hatching can chicks be shipped?

For best results chicks should be shipped within one day after hatching. W. J. Brower.

Have never tried to ship after 22nd day. Pittsfield Poultry Farm.

Chicks can stand a 12 hour journey 24 hours after hatching, but should be delivered immediately by express company to customer. Thos. R. Levers.

We would not wish them over 24 hours old, and then only for the shorter distance. If over 36 hours old, they should be fed and watered before shipment. Babcock Poultry Farm.

I have shipped some 10 days after hatching, but only short distances. F. L. Ober.

Can ship 30 hours after hatching with safety. H. A. Webster.

It all depends upon how far the

chicks are to be shipped. Rogers Bros.

44 to 48 hours is my experience. L. F. Holmes.

We never ship, especially a long distance, after 24 hours old. Van Wie Poultry Supply House.

Every day adds to chances of loss except in very short distances. Chas. F. Thompson.

Have shipped chicks 3rd day. A few hours shipment, 4th day. J. S. Haupt.

Would not wish to ship chicks after they are two days old. J. C. Punderford.

As long after so that the chicks come to their destination before they are 3½ days old. Wolverine Hatchery.

7. What are the greatest dangers to chicks during shipment and how can they be avoided?

The greatest danger is smothering and getting chilled, which will not happen if the proper boxes are used. W. J. Brower.

Greatest danger in someone opening the box and feeding chicks. U. R. Fishel.

Rough handling, exposure to extreme cold or heat. The boxes ought to have in large letters "Day Old Chicks", so expressmen will notice same and not throw boxes about. J. C. Punderford.

Crowding in hot weather, not properly covered in cold weather. Avoided by using judgment in shipping. Chas. F. Thompson.

Crowding is the worst danger, but the covering on the chicks back does away with much loss. J. S. Haupt.

Exposure and crowding. Crowding can be avoided by using a shipping box with round corners. H. A. Webster.

Careless handling by express company employees. Rogers Bros.

The greatest danger is rough handling. In cold weather they may be over heated or chilled by being set over a register or left out on an express truck. To avoid this, place a

S. C. BUFF LEGHORNS

Are the best egg machines on earth, bred for eggs 13 years and shown for 1st time. New York State Fair, 1909, 1st and 2nd pens and have won wherever shown. I won 1st and 4th hen, 4th cock, Buffalo 1911. Orders booked for eggs and satisfaction guaranteed.

E. C. GILBERT,

Box 224.

TULLY, N. Y.

DAY OLD CHICKS

From First Prize Winners at Grand Rapids, Holland and Allegan. Excellent layers. Barred Rocks, Reds, Orpingtons and Leghorns

ten to fifty cents each. Safe arrival guaranteed. Mention A. P. W. Write for illustrated circular. WOLVERINE HATCHERY, 513 Grandville Ave., GRAND RAPIDS, MICH.



Cornforth's Non-Fading Rhode Island Reds

Hold their color, and win when hens, as well as pullets, thereby proving my claim of a non-fading strain. At New England Fair, won 1 cock, 1 hen. Brockton Fair 1 cock 1 hen Woonsocket, 1 cock, 1 hen Worcester, 1 cock, 1 hen, Providence, 1 cock, besides many prizes on young stock, at the principal shows this season. Eggs for hatching from choice pens of Both Combs. Send for Mating List.

E. O. CORNFORTH,

Glenridge Road,

SLATERSVILLE, R. I.

WHITE ORPINGTONS

At Chicago, December 1910, in by far the largest and strongest class of WHITE ORPINGTONS ever exhibited at this show, I won 1st pullet, 2nd cockerel, 3rd hen and 5th cock. These winnings place my strain in the front rank of the breed today. They have many others to their credit, as shown in my booklet, which is free.

I have hundreds of birds for sale, and if you desire eggs from these winners, book your orders early

Dr. GUY BLENCOE,

ALMA CENTER, WIS.

Hillcrest Farm Champion Partridge Rocks

AMERICA'S BEST 1906-07-08-09-10 AT MADISON SQUARE GARDEN

Again we proved our superiority, winning 3 firsts, 2 seconds, more than all competitors combined. ¶ Will make up ten pens for our egg trade. ¶ A few birds to spare

BOSTON CHAMPIONS 1911, 1-4 Cock, 4-5 Hen, 1-3 Cockerel, 2-4 Pullet

WM. F. FOTTERALL, Prop.

Box O,

OAKFORD, PA.

very high valuation on them. L. F. Holmes.

Chilling and carelessness in handling by expressmen, leaving them lay over at the different stations, etc. Having the chicks well secured in shipping cases and billed early to give expressmen plenty of time to bill and not have to rush for the train, helps a great deal. F. L. Ober.

The greatest danger is that they will be suffocated for want of air. Persistent cautioning of express agents and the following up of claims against them for loss is the only remedy. Chicks may also have too much room or be overcrowded. They may be overheated by being placed against steam pipes or may be chilled. Suffocation and crowding are the worst dangers with packages like ours. In old burlap covered packages the burlap would get torn off and the chicks get too much air and become chilled. Pittsfield Poultry Farm.

Crowding and suffocation. Also improper handling of express handlers. May be avoided by not overcrowding chick cases, especially in warm weather, and punching more holes in chick cases at such times. Babcock Poultry Farm.

Greatest danger lies in fact that expressmen do not follow directions, turn box up side down, leave on truck during transfer, place close to steam pipes, leave in cold drafts, or pile other packages on top and around the box, so cutting off ventilation. Express messengers should be made to respect directions on packages, and should understand the nature and construction of baby chick boxes. Thos. R. Levers.

Excessive heat or cold. Compel express company to exercise care to not put chicks out on trucks in advance of trains for one thing. Another is to have them delivered more

promptly on arrival. We have known chicks to lay in office for 6 or 7 hours before an effort was made to deliver them. Van Wie Poultry Supply House.

The greatest danger lies in not having enough ventilation and feeding during the time they are on the way. We have our boxes well ventilated and mark on box in large letters "Rush chicks. Do not feed". Wolverine Hatchery.

8. Should chicks be fed and watered before shipment?

No, never. W. J. Brower.

No, sir! Should not be fed before shipment. L. F. Holmes.

No. Rogers Bros.

No. F. L. Ober.

No. H. A. Webster.

No. Pittsfield Poultry Farm.

Chicks should not be watered but could have a little food after the 3rd day. J. S. Haupt.

Not in ordinary shipments. Babcock Poultry Farm.

No. Chas. F. Thompson.

No. If fed and watered they need it every two hours, and should be shipped long before they get first feed. Thos. R. Levers.

Never. J. C. Punderford.

Not newly hatched chicks. Van Wie Poultry Supply House.

No. U. R. Fishel.

The chicks should not be fed or watered before being shipped; being fed or watered once, they must have it regularly. Wolverine Hatchery.

Stetson's Sterling **LEGHORNS AND ANCONAS**

Won Blue Ribbons at both big N. Y. shows **Greatest layers in the world.** Stock, eggs and baby chick in season. Prices right. Quality unexcelled.

STETSON FARMS, P. O. Box, 24, MATAWAN, N. J.

PINECROFT FARM'S ROSE COMB REDS

Greatest Winter Layers Largest Rose Comb Farm in America Rhode Island Reds that are Winners

All breeding stock selected for shape, size and vigor with Standard requirements. 500 head for sale. Females, \$2.50 up, males \$3.00 up. 10 prize pens. Each one headed by a prize winning male. Eggs, \$5 to \$10 per sitting. Utility matings, \$2 per 13; \$10 per hundred. Write your wants. Satisfaction guaranteed.

Our Motto—"To Every Man a Square Deal."

PINECROFT FARM,

Geo. W. Ferguson, Superintendent,

LENOX, MASS.

ALL WHITE 2000 Breeders

Leghorns

Wyandottes

Plymouth Rocks

Cockerels \$3 and up; Eggs that hatch \$2 per sitting and \$6 and up per hundred; Baby Chicks that Live, \$13 per hundred in any quantity, our Incubator capacity being 12,000 eggs. Write for Free Descriptive Circular and Show Record.

THE DUNLAP-SCHWIND COMPANY, Box 4793, CHATHAM, N. Y.

WILLIAM COOK & SONS ORIGINATORS OF ALL THE ORPINGTONS

ESTABLISHED 1873



IF you want the *Best Orpingtons* it is natural you should send to their *originators* for them. *Eventually* you will. *Why not NOW?* You will avoid loss and disappointment. We *guarantee* safe delivery and *satisfaction*, which guaranty is backed by a reputation of 37 years. This should mean much to you. *Send 10 cents for new illustrated Catalog, just out*, containing the history of the origination of all the Orpingtons and hints on poultry keeping. Several thousand stock birds always for sale. *We have won over 13,000 first prizes. 102 firsts and 72 seconds at Madison Square in six showings*, more than eight times as many firsts as any other Orpington breeder; convincing facts that we have *the best*, and we are still winning. *Advice free. Inspection invited.*

Wm. Cook & Sons, Box W, Scotch Plains, N. J.

9. Should chicks be fed or watered during shipment; if so, how?

Never do so. W. J. Brower.

No. Chas. F. Thompson.

No. Even though boxes were arranged so it could be done, you would intrust it to inexperienced hands. Thos. R. Levers.

No. Without they are on the road over 48 hours. Even then would let them go through without feeding. F. L. Ober.

No. H. A. Webster.

No. Rogers Bros.

No. U. R. Fishel.

No food or water. L. F. Holmes.

It would be well where chicks arrive late in day and cannot be delivered same day. Van Wie Poultry Supply House.

They should not. J. C. Punderford. No. Pittsfield Poultry Farm.

We never water chicks during shipment. If going on a long journey, we sometimes sprinkle a little chick food in the boxes. J. S. Haupt.

No. Babcock Poultry Farm.

Chicks should not be fed or watered during shipment. We state on outside of box. Wolverine Hatchery.

10. What care should they receive on arrival?

Should be fed on a good prepared chick feed; avoid using any wet mash. Give them sweet milk. W. J. Brower.

Food and water in small quantities. Chas. F. Thompson.

Unpack, and if they seem alright, treat same as any chicks only they will be ready for first feed or grit. If any are dead from cold or crowding, place under hover which is about 3 degrees warmer than normal, for three hours. Thos. R. Levers.

Should be placed in a brooder heated to 90 degrees. F. L. Ober.

Removed from shipping box, placed in brooder and given water only. H. A. Webster.

They should be fed at once a good commercial chick food, grit, charcoal and plenty of fresh water. Rogers Bros.

Place in brooder, give very little food but often. Keep water before them all the time. U. R. Fishel.

Should be placed in a warm, dry place and given water and then fed boiled egg ground fine. L. F. Holmes.

Remove from box to warm quarters, have box sprinkled with grit, with

light feed first day with plenty of water. Van Wie Poultry Supply House.

Should be carefully taken from box, given a little water with chill taken off, a small feed of dry bran to regulate their bowels and a little good chick food. Have brooders at 92 degrees. J. C. Punderford.

Should be placed in a brooder at 93 degrees and fed a sprinkling of grit. The next day start in regular feeding. Pittsfield Poultry Farm.

They should be put under a good hen or in a brooder at from 98 to 100 degrees to start. We prefer heated brooders to start chicks. J. S. Haupt.

If cold weather, they should be thoroughly warmed, then watered and fed at once, in a comfortable brooder, or put with a broody hen. Babcock Poultry Farm.

Take chicks to a warm brooder or hen that has set on eggs a few days and in the evening put the chicks quickly under her; she will take care of them. Or put in a box with a jug of water to keep warm. Wolverine Hatchery.

11. How should they be fed at first and how brooded?

Should be fed boiled egg, ground

Day-Old Chicks or

Eggs for Hatching

From Standard bred S. C. White Leghorns, S. C. Rhode Island Reds, Barred and White Orpingtons, and White Wyandottes.

Eggs and Chicks now ready for delivery. 1911 Catalogue free for the asking : : :

VAN WIE'S HATCHERY

250 Green St., Dept. "E," Schenectady, N. Y.

CARTER'S EXCELSIOR STRAIN BARRED ROCKS

Lead in the combination of show room qualities and practical results. My breeders will score from 91 to 93½.

Eggs, 1 sitting \$4.00; 2 sittings \$7.00; 3 sittings \$9.00.

Breeders for sale at reduced prices. Write for particulars.

T. J. CARTER, Box W, Jonesdale, Wis.

CONRAD & BRATT, Hackensack, N. J.

Offer Eggs as follows: Diamond Jubilee Orpingtons, Columbian Orpingtons, Speckled, Red and Light Sussex at \$3.00 per sitting. All from prize winning stock.

"Pure Gold" BUFF WYANDOTTES

Win at Albany, N. Y., 2-3 Cock, 1-4 Hen, 1-2-3 Cockerel, 2-3 Pullet, 1 Old Pen, 1-2-3 Young Pen. Best Display. Total of 73 points to nearest competitor's 28. A few eggs from some of the best birds ever mated, \$5 per 15. List free. You cannot buy better no matter what you pay. Give me your order.

HENRY R. INGALLS, Box 33, GREENVILLE, N. Y.

(BUFF PLYMOUTH ROCKS) (WHITE WYANDOTTES) (S. C. WHITE LEGHORNS)

Oldest Line-Bred Strain in America John S. Martin & Duston Strains Wyckoff & D. W. Young Strains

Bred for choice exhibition qualities, and extra high egg production. Have an exceptionally choice stock of Buff Plymouth Rock and White Wyandotte males and females, and a very fine lot of exhibition and utility S. C. White Leghorn cockerels (no females), on which we will be pleased to quote you prices, for immediate shipment. Eggs for hatching, \$3.00 and \$5.00 per sittings of 15 eggs.

NUTWOOD FARMS, R. D. 4, SYRACUSE, N. Y.

BEST WHITE ROCKS IN OHIO

Chicks Have won for years in all the leading shows, such as Madison Square Garden, Chicago, Cleveland, Cincinnati, Indianapolis, Detroit, McKeesport and **Eggs** many other lesser shows. If interested in this kind, write for catalogue.

S. M. DICKINSON, Box W, GRANVILLE, OHIO



Fancy Baby Chicks

A BIRD IN THE HAND IS WORTH TWO IN THE SHELL

Copyright 1907

Famous Ohio Chick and Egg Boxes

Let Us Do Your Hatching

Buy chicks instead of high-priced eggs. We take all hatching losses and furnish you strong, healthy chicks cheaper than you can produce them. Range stock, sure to grow and develop. Finely bred and of superior laying strains. Parent stock absolutely free from disease. Price 10c. to \$1.00 per chick. Any number.

Safe Shipping Boxes

Neatest, strongest, lightest, safest of all shipping boxes. Corrugated cardboard with double walls and dead air spaces. Chicks are protected against both cold and rough handling. Almost impossible to crush. Waterproof. Exceeding lightweight, low express. Three sizes chick boxes. Two styles egg boxes—hold 15, 30, 50 and 100 eggs. Only boxes for safe shipping long distance.

Read this "PROGRESSIVE" Great Book

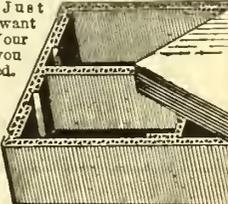
Price 10c.

New ideas that mean money-making in poultry. No book like it or anything near as helpful. 12 chapters, boiled down. Just the things you want to know. Your money back if you are not satisfied.

We Breed from Madison Square Garden Winners

You get prize-winning blood and strong laying strains in our baby chicks. And remember, our stock is range stock—wonderful vigor and hardiness. Let us prove it to you. Circulars free. Write and get our mailing list.

The Ohio Hatchery and Manufacturing Company
Chas. A. Thompson, Pres. and Treas.
Box 33 Bellevue, Ohio



fine. The hen is the best brooder; hot water comes next, in my experience. L. F. Holmes.

We use the Hall self regulating hot water brooding system. Rogers Bros.

Three hours after watering a little chick food. Brooder should not be over 90 degrees. H. A. Webster.

Give water with chill taken off, dry bread soaked in milk (heated to boiling point, then cooled before soaking bread) and squeezed very dry and crumbly. Give them very little, also chick grit. If received in the afternoon, let them rest until morning in brooder heated from 90 to 95 degrees. Early in morning throw chick food and grit in chaff and let them scratch. F. L. Ober.

Grit first feed. No grit afterwards except in chick food in small quantities. Bran with 10 per cent. beef scrap and 10 per cent. charcoal before them always. Cut oat meal mornings in litter. Chick feed four times during rest of day, green stuff after third day. Should be held close to hover first 3 days, then allowed to get farther away each day until they have the whole pen. Very important to keep brooders clean. Pittsfield Poultry Farm.

Any method of feeding that has proven a success. I feed grit first and two hours after give three slices of toasted bread well mixed with a hard boiled egg, shell and all, and a teaspoonful of grit. Feed only a little at a time, feeding every two hours. Third day introduce chick food, fourth day green food, all they will eat. For drink, milk and water in separate fountains. I like colony brooders. Thos. R. Levers.

We feed Cyphers' chick food and Spratt's chick food. Keep brooder well up to 100 the first few days. Water occasionally. J. S. Haupt.

Should be fed and brooded the same as any young chicks of the same age. We would give good commercial chick food, grit and water. Bacoek Poultry Farm.

No special brooding necessary on account of shipment. Chas. F. Thompson.

Give them water and grit or sharp sand. Let them have all they want of it for one-half hour, then give a little prepared chick food or oatmeal or bread crumbs. In a few days give them a hard boiled egg. Always keep fresh water and grit before them. Wolverine Hatchery.

12. Please state lowest and highest prices received for day old chicks. Utility stock? Standard-bred stock?

Utility stock, 15 to 25 cents each. Standard-bred, 35 to 50 cents each. F. L. Ober.

Utility, \$6 per 25, \$10 per 50, \$18 per 100, \$160 per 1000. Standard-bred, we sell only a few. Price "as they run" \$1 each, \$100 per 100. Pittsfield Poultry Farm.

I have always raised but one class "Standard-bred to lay." 10 cents is the lowest, 50 cents the highest. Thos. R. Levers.

Utility stock, 15 cents. Van Wie Poultry Supply House.

Utility Orpington \$5 per doz., White and Black. Buff, \$3.50, \$25 to \$35 per 100. Leghorns, \$15.00 per 100. R. I. Reds, \$20.00. Standard-bred, White, Black or Buff Orpingtons, \$10.00 per dozen, \$65.00 per 100. J. S. Haupt.

Book on Dog Diseases

AND HOW TO FEED.



Mailed FREE to any address by the author.

H. CLAY GLOVER, D. V. S.

118 W. 31st Street, NEW YORK

ORR'S

(COLUMBIAN)
(WYANDOTTES)

As usual make the hit of the

Madison Square Garden Show, 1910

First hen, 1st cockerel; 3-4 pullet, \$25 cash special best display, open class. President silver cup special for best Columbian Wyandotte in the show. Special best colored female. Remember these winners are all home made and home raised.

ONE EGG WAS WORTH \$500.00

Best layers on earth. For years I have refused to sell stock or eggs. Am ready now to supply a few. If you want any order quick.

D. LINCOLN ORR, Box 2, ORR'S MILLS, N. Y.

WEBSTER'S WHITE PLYMOUTH ROCKS

Make a Sensational Win at

MADISON SQUARE GARDEN, N. Y.

2-6 Cock, 1-4 Hen, 1-4 Cockerel, 2-4-6 Pullet, 2 Pen. Special for color and shape on Male or Female. Male Championship Special. Female Championship. Special and New York Association \$25 Cash Special for Best Display. Mating list for the asking, describing my birds and prices. Eggs for hatching from the best. Write me.

C. F. WEBSTER,

Box W,

GIRARD, PA.

PURITAN STRAIN

Rose Comb Black Minorcas

ARE COMING FAST

MOST profitable of all varieties. They produce more eggs in number and pounds on given rations, than any other breed. Largest of the non-sitting varieties, males weighing from 8 to 10 lbs at 8 months. Their stately carriage, rich green sheen and pure white ear-lobes make them the pride of the fancier, while their grand utility qualities make them a favorite with the farmer. The supply is never equal to the demand, therefore but little advertising is necessary to dispose of stock and eggs at good prices. In this wild scramble to find THE BEST fowl, why not give them one trial—just one will be enough to convince you of their superiority.

At New England's "Big Three" Shows, this season, Boston, Worcester, Mass., and New London, Conn., my birds won 20 out of 26 possible 1st and 2nd prizes, besides display, color and shape specials. A few fine breeding cocks and cockerels left at reasonable prices. Circular on request.

A. M. MOODY,

8 Toppan's Lane,

NEWBURYPORT, MASS.

From 10 to 25 cents apiece, depending upon variety and quantity. We call our birds Standard-bred utility stock. Babcock Poultry Farm.

\$20.00, \$25.00 and \$50.00 per 100 for utility stock. Chas. F. Thompson.

Utility, fifty cents. Standard-bred, \$1.00 to \$5.00 each. U. R. Fishel.

Utility, lowest price, 12 cents each; highest, 20 cents each. Standard-bred, lowest price, 20 cents each; highest, \$1.00 each. L. F. Holmes.

Utility, 10 cents to 25 cents each. Rogers Bros.

Utility \$15.00 per 100. Standard-bred, \$25.00 per 100. H. A. Webster.

Utility, \$15.00 per 100. Standard-bred, \$1.00 per chick. J. C. Punderford.

Our lowest price per one hundred is \$9.50 in 500 or larger lots, we have sold as low as 9 cents each. As high as 50 cents each for chicks from winning stock. Wolverine Hatchery.

13. How does the day old chick business compare with selling eggs for hatching?

Not so many sold as yet but a more satisfactory proposition to the seller. U. R. Fishel.

We sold about the same number of baby chicks last season as we did eggs for hatching. We expect to sell 50,000 chicks this coming season, which will probably be more than the egg sales. Babcock Poultry Farm.

Chicks are far more satisfactory to both buyer and seller and you have the chicks. J. S. Haupt.

Much more satisfactory for all parties concerned. Van Wie Poultry Supply House.

It is in about the same ratio. There are less "kicks" on caicks than eggs, therefore dealings are more pleasant. Thos. R. Levers.

It is far more profitable in my experience. L. F. Holmes.

Runs about equal in dollars and cents during same period, but is more work and more risk for the seller and does not give returns in proportion. We are here to do business, however, and have to sell what is called for. Pittsfield Poultry Farm.

We consider the day old chick business the best. Rogers Bros.

The buyer receives his chicks and sees what he gets and does not have to watch the old hen and cannot come back at the seller and say eggs were infertile. In this one way alone the chick business is best. F. L. Ober.

From my point of view, day old chicks are more profitable. H. A. Webster.

I do not think there is the money in the chick end of the business that there is in selling hatching eggs. At least that is my experience. J. C. Punderford.

They do not compare; in buying chicks, you get chicks, live chicks; in buying eggs, you run your chances, maybe 3/4 or 1/4, and not have any better stock for the same price. Wolverine Hatchery.

14. Is it a practical way of sup-

plying both Standard-bred and utility stock for all classes of poultry?

Yes. Rogers Bros.

Indeed, it is. Babcock Poultry Farm.

Supplying day old chicks will be the future way, and that very soon. I now have before me a letter from a party who won on Orpingtons, which were purchased from us as chicks last April. We were compelled to return over \$4,000.00 last season. Have doubled our capacity this season. J. S. Haupt.

I believe for utility purposes day old chicks are much more satisfactory than eggs for hatching; also cheaper. Not nearly so much chance for defrauding the buyer. Van Wie Poultry Supply House.

Yes. Chas. F. Thompson.

It is for both parties. The one getting them escapes a lot of trouble and worry and gets just the number he wants. The seller takes the responsibility, but has the eggs direct from

the hen, and gets a price correspondingly higher to make up for work of hatching. Thos. R. Levers.

I believe it is the best way. L. F. Holmes.

It certainly is. We have been receiving very many letters this fall from purchasers of our chicks, stating their excellent success with the chicks and their great satisfaction with the method of obtaining stock. Pittsfield Poultry Farm.

Yes. F. L. Ober.

To my mind it is practical for the small fancier, but not for the large farms. J. C. Punderford.

My idea is that it is more practical to supply utility stock in this way, than Standard-bred stock. H. A. Webster.

Do not see why it is not. U. R. Fishel.

It is the practical way for both Standard-bred and utility. Wolverine Hatchery.

Hickson's Barred Rocks

seconds on 7 entries. Grand lot of birds for sale. Write M. B. HICKSON, Box 4,

Are making clean sweeps this season. At Lynchburg won every prize offered. At Front Royal, Va., won 4 firsts and 3

LYNCHBURG, VA.

RED FEATHER FARM

Won 85 prizes at New York, Boston and Providence, Winter of 1909-10 and 1910-11.

Eggs, Utility, \$1, \$2 per sitting : \$6, \$10 per 100, \$50, \$80 per 1,000. Prize matings, \$5, \$10, \$15, \$20 and \$25 per 15.

A few elegant Cockerels, including several sons of "Sensation" also 7 cocks, 20 hens, used in last year's prize pens, at a bargain. Send for Mating List.

F. W. C. Almy, Prop., Box 22, Tiverton-4-Corners, R. I.

Guaranteed—A Chick From Every Fertile Egg

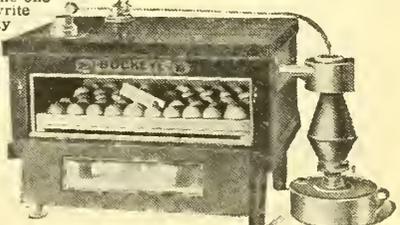
We know what the Buckeye 50-egg Incubator has done—we know what it can do. We've been making it and watching it work for 21 years. We sell each one under this absolute guarantee—it will hatch every hatchable egg or it won't cost you a single cent. Get a Buckeye from your dealer. Give it a forty day trial. If at the end of that time you are not satisfied with it in every respect, take it back and get your money at once.

50-EGG BUCKEYE INCUBATOR

\$6, \$7 and \$8

When you buy a Buckeye you get a complete and thoroughly equipped incubator ready to put into operation. It contains every necessary device found in the highest priced machines. No previous experience is necessary. Merely following the simple, printed instructions has brought big money success to many who never saw an incubator before. You see, in building the Buckeye, we have cut out all the difficulties. You need give no worry to the regulation of moisture or ventilation—the machine looks after all these details itself. Once the heat regulator is set, it need not be touched again during the hatch. We believe the Buckeye 50-egg Incubator is exactly the machine you have been looking for. We would like to have you examine one thoroughly. If your dealer doesn't keep them write to us and we will see that you get the opportunity to look over one at once. Let us send you our catalog and our two special books, "Making Money," the Buckeye Way," and "51 Chicks from 50 Eggs." We know they will interest you. They are free—write to-day.

The Buckeye Incubator Co.
527 W. Euclid Ave.
Springfield, Ohio



HIGH FERTILITY

THE PARENTAL BREEDING STOCK. THE REARING OF THE CHICKS. THE CARE OF THE BREEDING STOCK

By John S. Martin, Port Dover, Canada

The subject naturally divides into three parts: 1. The Parental Breeding Stock; 2. The Rearing of the Chick; 3. The Care of the Breeding Stock.

The parental breeding stock should be large, thrifty birds, showing at a glance their vigorous condition. Their history should be one clear of any serious disease, because many an apparently cured bird will show the same disease in its offspring. Just the same as in the human family, some diseases are thought to be hereditary which are really not so. What is really hereditary is a physical weakness, which makes them predisposed towards the disease, or more plainly makes them likely subjects to contract the same disease as the parents. Therefore, in selecting your breeding pen, choose, if possible, birds that have been free from any disease.

Every poultryman, whether fancy or utility, should always aim to increase the vigor of his flock. He should make vigor his motto, and in caring for his flock the year round he should never lose sight of this important factor. Vigor in any flock means success. A vigorous hen will lay more eggs and continue in better condition than her weaker sister. Therefore, a flock of vigorous hens will be a more profitable one than one composed of hens of weakened vitality.

I have seen fanciers who would choose fine points in a bird and disregard vigor. Probably everything would go all right for a time, but sooner or later nature would assert herself, and one by one the birds upon which the fancier was depending would die, sometimes from trivial causes, and sometimes from apparently no cause whatever. Nature's law is "the survival of the fittest," and by fittest is meant the healthiest and the strongest specimens. The fancier disregarded nature's law and thus had to pay the penalty. Instead of building up a solid structure upon the firm foundation of vigor, he had, as it were, built a house of cards upon a foundation of sand, and at a breath the house toppled over, and gone was the work of years.

A show bird has rather a hard life of it, it is exposed to all kinds of temperature, from the hot show room to the zero weather outside, and in addition it is frequently exposed to disease. To come through it all successfully it needs a cast-iron constitution, and that is why, I say, a fancier should consider vigor above everything.

To give good results as breeders fowls should be well raised. This does not mean that they must be forced to obtain as rapid growth as possible,

but it does mean that their development must continue without serious check from the shell to maturity. A bird that is stuffed with food every time, and as soon as it gets hungry will, as a rule, not have as strong reproductive organs as a bird has that is compelled to forage for a part of its food, thus getting plenty of exercise. The farm-raised bird will always

stand more than a bird raised on a small lot.

Next we come to the treatment of the breeding birds. The male heading the pen should be well matured and vigorous. For early breeding I prefer cockerels to cocks, but as spring comes on excellent results will generally be obtained from the yearling cock birds. Early in December my pens are mated, and the first and second week in January I fill my incubator with eggs from the different pens. When it comes time to test the eggs changes will often have to be made in the pens. If very few or none of the eggs from a certain pen are fertile, the male bird should be changed and another one substituted. If I find eggs from certain females

RED LION POULTRY YARDS Breeders of High-class Exhibition Rose Comb Reds. We won the New York State Championship and New York Show Cup at the Great Palace 1910, New York show; 1st cock, 2nd cockerel, 2nd pen at New York State Fair; 5 firsts at the Chatham Fair; 1st cockerel and 1st pen on two entries at the Big Albany Show. Our matings are very strong nearly every bird a 1st or 2nd prize winner. A few breeding birds still for sale. Eggs from the best matings, \$5 per sitting, 2 sittings \$9, 3 sittings \$12. We will replace every infertile egg free. Send for history of our strain. Red Lion Poultry Yards, Jenkins & Park, Props, Chatham, Col. Co. N.Y.

KELLERSTRASS WHITE ORPINGTONS

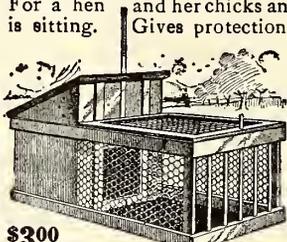
At the great Bethlehem, Pa., show, November, 1910, we won on 6 entries, 1st cock, 1st cockerel, 1st hen and 3rd and 4th pullet, silver cup for best display, any variety of Orpingtons, also special for best White Orpington in show. At Easton and Nazareth, Pa., 1909, on 8 entries we won 3 firsts, 1 second, 2 thirds and 2 fifths. Eggs \$3, \$5, \$7.50 and \$10 per 15.

BRYAN POULTRY FARM, W. C. Bryan, Mgr., R.F.D. No. 2, WALNUTPORT, PA.

"Wigwarm" Specialties For Poultrymen

"Wigwarm" Setting and Brood Coop

For a hen and her chicks and while she is sitting. Gives protection from rats, skunks, hawks, and other enemies. Insures larger hatches—fewer broken eggs.



\$3.00

Size, 2 x 4 feet, 2 ft. high.

No. 0 Colony Laying House

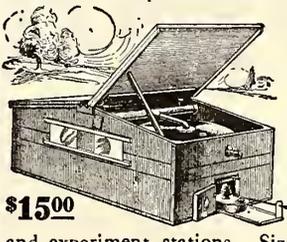
Fitted complete with nests, fountain and feed trough. Sanitary. Easily cleaned and aired. One man can easily raise several hundred birds. Nicely painted. Can be put together in fifteen minutes. Size, 10 x 4 feet, 5 feet high.



\$2.00

"Wigwarm" Brooder

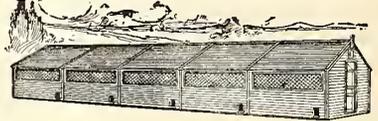
Uses the least oil of any brooder made. Storm proof. Hot water and hot air heating combined gives perfect healthful ventilation. Is endorsed by poultry experts and experiment stations. Size, 3 x 5 ft.



\$1.50

5 Section Poultry House

Made in 10 x 10 ft. sections, each fitted with roosts, nests, fountain and complete in every detail. Open fronts with canvas covered frames—far better than glass windows. Easily erected. One 10 ft. section \$75. Additional sections \$60 each.



Write to-day for Poultry Catalogue

E. F. HODGSON CO., 110 Washington St., Boston, Mass.

ORPINGTONS BUFF, BLACK AND PEARL WHITE

1,500 Growing. Engage your show birds now. Thirty page catalog for a dime.

C. S. BYERS,

HAZELRIGG, INDIANA

infertile I change them to other pens. If I find about half or three-fourths of the eggs from a certain pen infertile, I reduce the number of females. By making these changes it is possible to get a very high fertility even in winter. Then again, it will be found that fertility will be very high in January and then gradually lower until spring comes and the birds get out into the runs. The reason of this is quite evident. When the fowls go into winter quarters their vitality is at its greatest. The long winter confinement weakens this vitality and they do not get a chance to recuperate until spring comes. I do not mean that the hens show evidence of poor health. To all appearances if properly cared for, they should look as healthy and in as good condition as when they went into winter quarters. That their vitality has decreased can only be known by the decrease in fertility.

What the careful poultryman must do is to try and make this decrease as small as possible. Here the importance of fresh air comes in. There is no better house made for high fertility than the open air scratching shed house, but as the great majority of houses are not this kind, we should keep the door open as much as possible and also have the windows arranged so that they can be lowered from the top.

Food is also important. All the grain should be fed in the litter, which should be plentiful. The idea is to keep them on the move and prevent them from getting too fat. The ration I feed is: Morning-mixture of oats, buckwheat and millet scattered in the litter, and also vegetables: mangles one day and cabbage the next. At noon they get a mash composed of bran, shorts, oat chop and corn chop. At night they are given corn, wheat and buckwheat, fed alternately.

One thing more I would mention before closing, and that is do not crowd your birds. Give them plenty of room even if you have to dispose of some of your surplus stock at a sacrifice.

JAS. E. VAN ALSTYNE, KINDERHOOK, N. Y.

Two and one-half miles from Kinderhook lives J. E. Van Alstyne, breeder of Rhode Island Reds, both Rose and Single Comb. This farm has been in the Van Alstyne family for 200 years and on it is bred their well-known strain of Guernsey cattle and sheep. They raise grain, etc., on the farm and have one of the best apple and peach

orchards in the state. The situation of the farm is well nigh ideal.

Mr. Van Alstyne reports a very satisfactory season and states that he had the best flock of young stock that he has ever raised.

At last year's Buffalo show his S. C. pens won 3-5 hen; 2 cockerel; 1-2 pen and his R. C. birds won 1 cockerel; 1-2 pullet on three entries. He also won a number of specials.

JOS. G. KRENN, SYRACUSE, N. Y.

Jos. G. Krenn, Prop. Onondaga Minorca Poultry Farm, Syracuse, N. Y., has been a breeder of S. C. Black Minorcas for the past 18 years. He has been a successful exhibitor at leading shows. At the last state fair at Syracuse he won 1st and 4th cock; 1st and 4th hen; 2nd and 3rd cockerel; 4th pul-

let; 1st pen of old; 1st pen of young. Mr. Krenn has a number of high-class birds for sale and is booking orders for eggs. He will send his circular and information to interested parties who mention this paper.

WM. COOK & SONS, SCOTCH PLAINS, N. J.

Wm. A. Cook & Sons, Scotch Plains, N. J., regular advertisers in AMERICAN POULTRY WORLD, won 142 firsts and 42 cups during the show season, 1910-1911. Messrs. Cook are breeders of Orpingtons exclusively, in fact they are credited with the honor of originating this, now popular, breed. They have an interesting and attractive catalog that can be had for the asking by readers who mention AMERICAN POULTRY WORLD.

SINGLE COMB WHITE ORPINGTONS ARE MONEY MAKERS THE WORLD OVER
 \$1,500 from 60 hens in ten months and \$3,600 from 30 hens in one year was made possible by breeding S. C. W. ORPINGTONS. Get in line; breed WHITE ORPINGTONS. I have only two selected pens. "Philo Strain" direct, mated to produce the best results in the show room as well as egg production, from which I will sell a limited number of eggs at \$5 per 15. Order now. O. N. ROE, R. 3, 373 EAST WARREN STREET, ELMIRA, NEW YORK

S. C. RHODE ISLAND REDS AND WHITE PLYMOUTH ROCKS

Of Quality. Bred from the best strains in the country. Great layers with Standard shape and color. I guarantee satisfaction. Write me your wants. Eggs from utility stock, \$1.50-15 eggs, \$2.50-30 eggs, \$6-100 eggs. From exhibition stock, \$3.00-15 eggs, \$5-30 eggs, \$12-100 eggs.

CHARLES D. BRIDDELL, MARION STA. MD.

Reference—Farmers Bank, Marion Sta., Md.

BARRED PLYMOUTH ROCKS PENNSYLVANIA CHAMPIONS 1909-1910-1911

We have only exhibited locally, but won the \$100 Challenge Cup at Scranton Quality Show, in the hottest competition, three years in succession. Send for our mating list and breed a winner from Pennsylvania best matings. We breed all our winners and do not purchase birds for exhibition.

HILLCREST FARM'S, Wm. F. Fotterral, Prop., Box 0. OAKFORD, PA.



HARTER'S BUFF ROCKS

A Marvelous Record

WINNING AT

- Grand Central Palace, Nov. 18-24, 1910, 1 cock, 1-2 hen, 1-3-4 cockerel, 1-2 pullet and 1 pen.**
- Philadelphia, 3 cock, 1-2 hen, 1-4-5 cockerel, 1-4 pullet, 1 pen.**
- Madison Square Garden, 2-3-4 hen, 5 cockerel, 1-2 pullet, 3-5 pen.**
- Boston, Mass., on four entries, 3 cock, 1 hen, 1 cockerel, 4 pullet.**

At the four largest shows in the world, winning 12 out of a possible 20 firsts, winning more firsts than all my competitors combined. My winnings have proved the quality of my stock. If you are looking for quality, write me. A fine lot of cockerels and pullets for sale.

BARRED ROCKS

of same quality. Write for mating list.

S. H. Harter, Nescopeck, Pa.

THE MONEY MAKERS

COLUMBIAN PLYMOUH ROCKS INDIAN RUNNER DUCKS

OF QUALITY Start Now Circular

My record of 14 firsts and second prizes at the last three Boston Shows on Columbian Rocks has never been equalled. At the last Boston Show my birds won 2-5 cock, 2 hen, 2-6 pullet, 1-2 pen. President's Silver Cup for best cock, hen, cockerel, pullet and pen. Columbian Rocks are the best winter and all the year layers of large brown eggs, make the best dressed poultry and are the handsomest and "Best Rock." Eggs of same quality as I use myself \$5 per 15; \$9 per 30. My Indian Runner Ducks have won wherever shown for years, both for myself and my customers. Latest, Standard color, wonderful layers. Eggs, \$2 and \$1 per 12.

H. M. MUNROE, Maple Grove Farm,

R. F. D.,

LEXINGTON, MASS.

THE DAY-OLD-CHICK INDUSTRY

CONSIDERED FROM STANDPOINT OF BOTH BUYER AND SELLER. SUPPLY NOT EQUAL TO DEMAND. FUTURE POSSIBILITIES. COMPARATIVE COST OF EGGS AND CHICKS. METHODS OF SHIPMENT. HATCHING. COST TO PRODUCE

F. E. Benedict

The baby chick industry is the baby industry of the poultry business. It is, however, the fastest growing infant that the public has taken to in a long time. The oldest concern in the business started less than ten years ago, by selling a few chicks. Today it sells tens of thousands of chicks in a season.

The growth of the business has been wonderful. In six months of visiting poultry plants in the interests of the AMERICAN POULTRY WORLD, we did not find a plant that could supply their trade with all the baby chicks ordered. Dozens of breeders who had not offered chicks for sale were asked time and again to quote prices. And although there will be, we believe, twice as many breeders offering chicks for sale this year, yet the demand will again exceed the supply.

There are many things to consider in the purchase of, or sale of, day-old chicks, for example: The increasing demand for chicks. The saving of time, trouble and expense by the purchaser. How to figure the value of the chick. The many risks involved in the purchase of eggs for hatching. The shipping problem. The possibilities of fraud. And lastly the equipment.

The demand for day-old chicks has been and is increasing rapidly. This is due in part to the fact that The Large Egg and Broiler farms have seen the advantage of not running their own incubators, owing to the low cost of buying chicks. The beginner has noted that he can start in without learning to incubate eggs, and he has eagerly purchased chicks, in hundreds of cases instead of taking chances with eggs. The small breeder who wishes to sell some of his fancy poultry has no worry about being able to make his advertising pay, if he is careful in his venture, because as we said before, no one has been able to fill their orders.

The purchaser of baby chicks saves time, trouble and expense. He saves three weeks of worry as to the success of the hatch. He saves the trouble of caring for an incubator or the setting hen. He saves the cost of an incubator that would be used only three weeks a year.

How to figure the value of the day-old chick seems to be too much for a great many. Advertisements are common where the breeder offers chicks for sale at less than he asks for the eggs. One man offers eggs for hatching at \$3.00 per 15, or chicks at 15c each. We received today the price

list of one of the greatest concerns in the poultry business. Its prices for eggs of a certain variety are \$8.00 per 15 for 1st quality, and \$6.00 for 2nd quality. The chicks from these eggs are quoted at 75c and 50c per chick. They say that, out of fifteen eggs that the purchaser should get seven to twelve chicks—a fifty per cent. hatch being considered fair results. This we agree is fair enough, but will for the example consider the cost of ten chicks, or sixty-six and two thirds per cent. of the eggs hatch. At \$8.00 per fifteen, if ten chicks hatch, the chicks would have cost eighty cents each, plus the cost of incubation. On the same basis the \$6.00 eggs would cost sixty cents a chick, plus cost of incubation, so the purchaser is foolish indeed who buys the eggs when the live chicks are cheaper. The cost of incubation includes such things as the cost of the machine, fuel, time to care for the machine, etc. The average cost of incubators varies of course, but

the students at Cornell University are instructed that ten cents per chick capacity is a fair working average.

The risks involved in the purchase of eggs for hatching are many. The eggs may not be fertile. Or if fertile the germ of life may be too weak to develop into a chick. Eggs may be old, although this is not as common now as formerly. Eggs may be broken in shipment or shaken up so badly that the germ may be injured. Very often the eggs may be placed so close to a stove or to steampipes that the germs starts, later if the eggs are taken out into the cold, the egg may be chilled and the germ killed. Or the incubator may not run smoothly; the heat may run up too high, or the eggs may be chilled, if not enough heat be supplied. Then too, the machine needs cleaning after each hatch and many neglect this with a result of poor hatches very often. You may prefer hens, but many hens are fickle and may decide not to set for three weeks waiting for the chicks to appear. The hours must seem rather long to a good union hen. Of course the hens that lay an egg a day (as advertised) could not afford to waste so much valuable time. Hens often develop vicious habits such as eating the eggs, or throwing eggs out of the

PARTRIDGE WYANDOTTES

You should know the "Edgewood Strain." It represents the best blood in the country, carefully bred to produce Results in egg production and in the show-room. Big, blocky birds, rich in color and pencilling. "Edgewoods" won the \$50 Challenge Cup at the Providence 1910 Show. A limited number of eggs from five carefully mated pens. Send for mating list.
C. W. STOWELL, 89 Albert Ave., EDGEWOOD, R. I.

SINGLE COMB BROWN LEGHORNS

THEY WIN AGAIN

The Big International Show at Buffalo, I won 1st, 3rd hen, 1st pullet, 1st pen and 5th cock. Silver Cup for best display and Silver Cup for best cock, hen, cockerel and pullet. A few choice birds left. Cockerels, \$2 to \$5. Pullets, \$2 to \$5. Pens, \$8, Trios, \$5. Eggs from 7 prize winning pens, \$3 for 15 eggs. Write for catalogue.

LAUREL LEGHORN YARDS

F. J. STUCKMEYER, 1401 Prospect Street, INDIANAPOLIS, IND.

ANCONAS At Buffalo Show, 1911, won 1st pen, 2nd cockerel on two entries in the hottest kind of competition among some of the largest breeders of Anconas in the country. Eggs from special mating, \$3; second pen \$2 per 15 eggs. Majority in both pens prize winners.

ORPINGTONS, White. 1st pen, hen with an egg record of 186 eggs in 7 months and daughter that laid at 4 months and 6 days, laid 25 days in succession, balance of pen all daughters of this hen. Eggs \$3, second pen \$2 per 15.

ORPINGTONS, Black, good stock, \$2 per 15 eggs.

C. F. WHELOCK, HAMBURG, N. Y.

S. C. BUFF ORPINGTONS

A FEW of my breeders still for sale at reasonable prices, including prize winners. Am booking orders now for young stock. Over 300 fine specimens to select from.

ROSELAND POULTRY FARM

CHAS. W. SWITZER, Owner-Manager, SOUTH EUCLID, OHIO



White Leghorns



Let us mail you a copy of our latest catalogue, tells how to feed and raise every healthy chick. Tells all about our quick maturing heavy Winter egg laying exhibition strain of Single Comb White Leghorns. Stock and Eggs always for sale Catalogue Free, write to day for copy, DO-IT-NOW.

White-Hall Poultry Farm, R. F. D. No. 1, Fairhaven, Pa.

SINGLE COMB RHODE ISLAND REDS

Winners of the New Hampshire State Cup, January 1911, George P. Coffin, Judge. In the biggest show ever held in the State, we won 1-4 pullet, 1-3 hen, 1-2 pen, 2-3 cockerel, 2 cock, shape and color specials and 3 silver cups. At the big State of Maine Show, we won a place in every class, also first cockerel. At Boston, 1911, we also were in the winning. We are the largest exclusive S. C. breeders in New England. 1,500 raised each season. Our growing stock has free range. 100 splendid cockerels for sale \$5.00 up, also baby chicks. Eggs, \$1.50, \$3.00 and \$5.00 per sitting, \$8.00 per 100 Fertility Guaranteed. Send for our mating list, handsomely illustrated with unretouched photos of our winners.

PORTSMOUTH ROAD POULTRY FARM,

E. W. Cunningham, Prop.

EXETER, N. H.

nest. Sometimes she will stay off the nest so long at a time that the eggs chill before she goes back to her work. We are led to believe that a chick in the hand is worth two in the shell.

The shipping of baby chicks is considered a serious problem by many who have not had experience, and by those who have received shipments that were not properly handled. The package may be whatever the shipper may prefer, the main points being to secure good ventilation, roominess combined with lightness and strength. Such boxes may be made of light wood or heavy pasteboard, unless one prefers to purchase the box. Boxes are sold at a moderate cost by various concerns, as may be noted in looking through the advertising columns of any poultry paper.

An important feature that has not been observed by most shippers is in having a large label, having on it printed instructions to the expressman and to the purchaser. On this label should appear in large letters the warning **DO NOT FEED**. Very often a tender hearted expressman, upon hearing the cries of the baby chicks has feed them supposing the chicks to be crying for food. The purchaser of the chicks is even more likely to feed the chicks on their arrival. He too supposes that the chicks are hungry. This is often the case, but in most cases the chicks arrive at their destination in a few hours after being shipped. No feed should be given the chicks until they are thirty-six to forty-eight hours as nature has provided them with enough unabsorbed yolk of the egg to carry them over the first few hours of their life. Feeding too early is very apt to cause indigestion, the liver may be overworked and the chick killed. If the shipper would have a warning printed on the label stating that the chicks should not be feed until a certain day and hour he would save much trouble and the loss of many chicks. Simple feeding directions would be of great value where a shipment goes to the beginner.

The possibilities of fraud are equally great in either the shipping of eggs or baby chicks. The honest shipper of chicks has but few complaints, whereas the shipper of eggs is always in trouble. At the Madison Square Garden show this year, we heard one of the best known poultry fanciers say, "I always dread the show season, and the egg season". Many breeders refuse to sell eggs at any price, owing to the dissatisfaction that so often arises from those who get poor hatches, or expect every egg to hatch. Not long ago a man bought fifteen eggs at a dollar each. He was very fortunate and got twelve chicks. But he thought every egg should produce a chick, so he wrote the breeder and

made an awful kick, asking the breeder what he was going to do about it. He threatened to report the breeder to the papers as a fraud if satisfaction was not given.

The purchaser of eggs or chicks, when first making an inquiry, should always mention the name of the paper in which he saw the advertisement. If he does this, the paper will protect him against fraud.

We always have a few each of two undesirable classes, one is the fraud.

the other is the man who does not know when he gets a square deal.

The equipment varies as men vary in their tastes. We found that eggs

White, Buff and Partridge Wyandottes

Winners at the leading shows, including Madison Square. Booking orders now for eggs for spring delivery.

J. H. SCOTT, R. D. 9, AUBURN, N. Y.

KNAPP'S CELEBRATED BLACK ORPINGTONS

A limited number of Breeding birds left. Show Stock all disposed of.
DR. KNAPP, MILLERTON, N. Y.

Originator of Buff Brahmas The coming fowl of America
BARRED PLYMOUTH ROCKS Ringlet Strain.
Eggs, \$4 per sitting.

Mammoth Imperial Pekin Ducks, Japanese Stock. White Brazilian or Mouscovy Ducks.
Eggs, \$2 per sitting; \$14 per 100.
LLOYD M. HALLENBECK, Legalized Expert Judge, GREENDALE, N. Y.
Reference:—First National Bank of Hudson, N. Y.

FIRST PRIZE WHITE ORPINGTON EGGS

Chicago, 1st prize, Philadelphia, 1st prize, St. Louis, 1st prize. Chicago grand 11 pound prize cock, at last show. Philadelphia, first prize pullet at last show. St. Louis, first prize pullet at last show and 4 other prize winning pullets at other good shows. The only yards where each bird is an individual first prize winner. They have won 30 first prizes and no seconds. You can raise fine white, large classy show birds from these eggs. Prices reasonable. Write, Eggs from another yard of very white high-scoring, heavy, first prize winning pullet, headed by the Grand St. Louis first prize cock, at lower prices. Correspondence solicited.

JERSEY POULTRY YARDS, B. Ave., JERSEYVILLE, ILL.

BRED TO LAY White Wyandottes BRED TO WIN

PULLÈTS; Some fine ones for sale.

Get your orders in now for Eggs and Baby Chicks. Don't stumble over the long road of breeding up inferior stock, when you can get Standard bred-to-lay stock at live and let live prices.

Thomas R. Levers, R. F. D. No. 1, Hornell, N. Y.

PARKS' Bred-to-Lay BARRED PLYMOUTH ROCK COCKERELS FOR SALE



They have over 20 years of careful scientific breeding for the largest number of large brown eggs back of them, from \$5 to \$15 each. Free cockerel circular gives full description, and breeding of them.

Selected Eggs, \$5-15; \$8-30; \$11-50; \$20-100
Incubator Eggs, \$2-15; \$6-50; \$10-100

Having installed a Mammoth Incubator, will be in position to do considerable custom hatching. I will also have a limited number of day-old chicks to spare. For rates and prices for chicks, send for my Free-Day-Old Chick circular.

I have won, on eggs, this winter, more ribbons, specials and cups than all my competitors combined, at such shows as Philadelphia, Minneapolis, Elmira, State College and Altoona, which strengthens my claim of having the greatest winter laying, large brown egg strain of today. 36-page catalogue with my methods of feeding, breeding, etc., 6c. in stamps.

J. W. PARKS, Box W, ALTOONA, PA.

EGGS From W. C. Pierce's Celebrated S. C. Rhode Island Reds **EGGS**
Winners at America's Largest Shows, such as New York, St. Louis, Chicago, Cincinnati, Indianapolis, Columbus, Ohio; Louisville, Nashville, and other shows too numerous to mention. Pens now mated, Eggs \$3.00 to \$15.00 per sitting of 15. Send in your order early.
W. C. PIERCE, 4930 No. Meridian St., INDIANAPOLIS, IND.

were being incubated from machines ranging in capacity from fifty eggs up to the mammoth machines holding several thousand eggs. One plant is equipped with machines not to exceed a capacity of about four hundred eggs each, yet with a total capacity of seventy-five thousand eggs at a setting. Another plant we visited in September took off a hatch from a mammoth incubator which held six thousand five hundred eggs. The owner said that he had the chicks sold before the machine was started, and that he had not closed down at all this past summer.

The breeder who hesitates about offering chicks for sale because of competition, or who is afraid to get a fair price for the same reason, need not worry about either case, because his competitor will not be able to fill his orders, as the demand exceeds the supply.

The prospective buyer will be wise if he orders his chicks at once. One dealer in New York State told us last August that he already had orders for over six thousand chicks, and principally from people who had been disappointed last year. The outlook is bigger and better than ever before and who will dare to predict for the future?

DR. G. W. TAYLOR, ORLEANS, IND.

Elsewhere in this issue will be found the advertisement of Dr. Taylor. His favorites are the Houdans and his handsome book just issued is now ready and full of illustrations and information in regard to this breed. This book may be had upon receipt of 10 cents to cover postage. It is worth dollars to anyone interested in poultry, in general, Houdans in particular.

S. M. Dickinson, Granville, Ohio, the well-known White Rock breeder, has just issued his annual catalogue, which is printed in two colors, handsomely illustrated and fully describes his White Rocks. Send for a copy and mention AMERICAN POULTRY WORLD.

F. L. BARRETT, WAUSEON, OHIO

At the Montpelier Show, McClave, judge, Mr. Barrett won on Black Orpingtons 1-2 cock, 1-2 pullet, 2 cockerel, 1 hen, 1 pen. On Rhode Island Reds 1 cock, 1-2 hen, 3 pullet. We understand that the competition was very close here and the above winnings speak volumes for the quality of Mr. Barrett's stock.



Mason Chick Server and FOUNTAIN

The most practical Fountain or Feeder on the market. Don't let your chicks drown. Buy these from your dealer or send direct.

Prices: Each 25c. postpaid
Six, \$1.25 postpaid

Tomlinson-Lanphere Co.; Detroit, Mich

EGGS FOR HATCHING

From prize winning White and Buff Rocks, Light Brahmas and White Wyandottes \$2 per 15.
From utility stock, \$1.

W. F. BOWMAN,

BLANCHESTER, OHIO

BUEHLER & MAHN'S ROSE COMB RHODE ISLAND REDS

Win at Philadelphia, 1st on cockerel, 4th on pullet and color specials for best male. At Baltimore, 1st on cockerel and all specials for best color and shape male. Eggs for hatching. Mating list for the asking.

BUEHLER & MAHN,

P. O. Box 216,

PALMYRA, N. J.

S. C. BLACK MINORCAS

Prize Winners at New York, Cleveland, Auburn, Syracuse, Rochester and Batavia. Winning at the New York State Fair, 1910, four firsts, two seconds, one third, two fourths in a class of twelve in each entry. Also winning third pullet and third pen at the Grand Central Palace, New York. A nice lot of stock for sale. Also eggs in season. Send for circular and Price List to

ONONDAGA MINORCA POULTRY FARM,

Joseph G. Krenn, Prop.,

Syracuse, N.Y.

S. C. BROWN LEGHORNS OF QUALITY

My winnings at New England's leading shows proves my claim of the best. At New London, I won 1st and special on cockerel and pullet. My first prize cockerel was the Sensation of the Providence Show. I also won 3rd cockerel, 1st, 2nd pullet, 1st pen. Some choice stock for sale. Eggs, \$3 per 15 from the same pens I breed from.

THOS. F. DEXTER, Speciality Breeder, PROVIDENCE, R. I.

HILLSIDE POULTRY FARM

A Famous Strain of Single Comb White Orpingtons.

EGGS EGGS EGGS EGGS EGGS EGGS EGGS EGGS

If this catches your eye, and you want to place an order for Eggs with me, you will win at the Fair next fall, nothing but well mated pens which leaves me in splendid shape for egg trade.

Prices on Eggs is \$7.50 to \$10.00 per sitting of Fifteen.

Book your order early and you will not miss it.

CHAS. A. UMOSELLE,

P.O. Lock Box 148,

HAMMONTON, N. J.

SINGLE COMB WHITE LEGHORNS

Bred for heavy Egg production

Raised on free range, in fresh air houses. We are now booking orders for Day-old Chicks of quality. Shipments guaranteed to reach destination safely.

One half and one pound pullets. Eggs for hatching. Green Cut Clover.

INDIAN RUNNER DUCKS

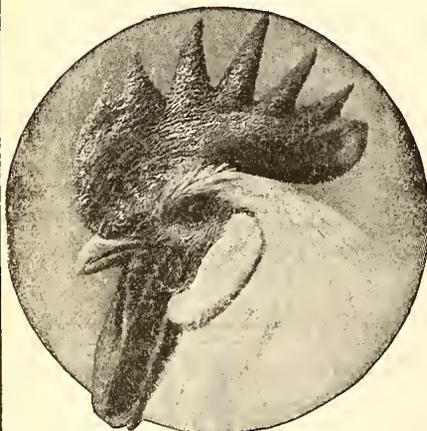
Day-old Ducks.

Send for price list.

Satisfaction guaranteed.

ROGERS POULTRY FARM

RANSOMVILLE, N. Y.



NOTES OF THE PHILADELPHIA SHOW

GEO. W. TRACEY

One of the most interesting exhibits at this show was that of H. E. Seavers, Prop., Pine Park Poultry Farm of Brown's Mills, N. J. The White Leghorns shown in this exhibit were a good example of what careful breeding and scientific methods will do. To those looking for vigorous, heavy laying birds, we can cheerfully recommend Pine Park Poultry Farm.

The Hall Mammoth Incubator Company had one of their machines on exhibition. This was in charge of Mr. Sweeny, their consulting engineer. Mr. Sweeny informed us that they had already installed several machines this season with a number of orders waiting. This machine has been very successful and is the pioneer in this style of machine.

The Essex Model Incubator was exhibited by The Stokes Seed House. This exhibit was very tastefully arranged and this already popular machine made many new friends.

The interests of the Prairie State Incubator was well looked after by the H. F. Mitchell Company. This machine is so well-known that detailed comment is unnecessary.

Hen-E-Ta Company had an interesting exhibit of their new grit, which is claimed to be a substitute for the regular forms of shell and grit. The demonstrators, six in number, were kept busy constantly explaining the merits of this new grit.

One of the latest acquisitions to the already large list of incubators is the Breeders Incubator of Norristown, Pa. This machine was represented here by a very good exhibit and seemed to attract much favorable attention.

The Johnson Seed Store looked after the interests of the Cyphers Incubator Company. Their display was very attractive. Owing to the popularity of this machine, it is never hard work to draw a crowd around the exhibit.

Secretary Campbell of the American Poultry Association was present and succeeded in securing a number of recruits to the ranks of the Association. Mr. Campbell is a worker, and he has added a great many new members since assuming the duties of secretary.

A. J. Fell of West Point, Pa., was a frequent visitor at the show. Mr. Fell did not exhibit here. We do not doubt, however, that many of the winners were of his breeding.

Another prominent breeder who viewed the show as a spectator was E. B. Thompson of Amenia, N. Y. Mr. Thompson needs no introduction to our readers, as the fame of his Ringlet Barred Rocks makes him known around the world.

F. W. Corey, who is well-known from his long connection with Rock Hill Farm, was also a visitor at the show.

Another visitor at this show who is making a very enviable reputation in the poultry business is F. W. Christy, Prop. of the Wayne Poultry Farm, Strong Point, N. Y.

Mr. Angelo J. Meyer, Prop. of Linfield Farm, Linfield, Pa., accompanied by his manager, John W. Poley, spent a day at the show. Mr. Meyer recently

purchased Mr. Poley's entire flock of Buff Rocks and secured the services of the latter as manager.

The Monmouth Poultry Farms of Freneau, New Jersey, made a large entry of their Leghorns, and besides winning a large share of the regular prizes, were awarded the cup for the best bird in the show on a Buff Leghorn male. This is an honor never before falling to a Leghorn and this farm is to be congratulated upon the achievement.

One of the largest classes of Light Brahmas seen in a long time was brought out at this show. A. E. Wohler of Narberth, Pa., showed a grand string and captured the lion's share of the prizes.

Manager Kenner of Chestnut Hill Poultry Yards was on hand with a nice exhibit of Barred Rocks and succeeded in capturing several of the coveted prizes; also cup for best display and cup for best cockerel in the show.

Top Notch Farms, Water Mill, New York, were also among the successful ones in this class, their first prize pen being one of the features of the show and was awarded the \$100.00 cup for the best pen in the show. Manager Cundell is to be congratulated upon his success here. It is evident that he knows how to produce the blue ribbon kind.

WHITE PLYMOUTH ROCKS

Eggs, \$2.00 and \$3.00 per 15. Utility and exhibition. Ready February 10th. Shipped by any express company. Member W. R. Club. Wm. A. Shaw, Box 609, Allisoo Park, Pa.

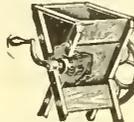
THOROUGHbred HOMERS

I will sell my entire flocks at a bargain. Write for particulars, prices, etc.

H. B. LEWIS, Box 286, WILLIAMSVILLE, N. Y.

CUT THOSE BIG FEED BILLS IN HALF FEED IS HIGH AND GOING HIGHER

The successful poultryman knows that a little mixed grain, corn meal, beef and roots cooked together and served warm on a cold day will make hens thrive and lay every day.



CLARK'S ROOT CUTTER is the simplest, strongest, cheapest and most perfect Root Cutter made. Heavy Oak frame, cutting apparatus has 25 steel knives, gouged shape. Roots, Vegetables, etc. neatly cut. A boy can easily cut 35 to 40 bushels per hour. Send today for FREE Booklet and special prices.

CUTAWAY HARROW CO., 957 MAIN ST., HIGGANUM, CONN.

Elmgate Poultry Farm

The

Whole Orpington Family

Buff, Black and Posey White

Every mated pen from prize winners, 1908, 1909 and 1910. Stock right, prices right, and I'll do by you as I would like to be done by.

J. J. Cruttenden, Waterford, Conn.

Myers' Langshans & Indian Runner Ducks

Winners at the Great Indianapolis Show

LANGSHAN WINNINGS—1st and 2nd cock, 1st and 4th cockerel, 1st and 5th pullet, 3rd hen, 3rd pen. The cock, cockerel and pullet conceded by all Langshan exhibitors to be the Grandest specimens ever produced. **INDIAN RUNNER DUCK WINNINGS**—1st cockerel, 2nd pullet, 3rd cock, 5th hen. This cockerel was pronounced by all the I. R. Duck specialists to be the most typical drake ever exhibited. Eggs and stock for sale. Satisfaction guaranteed. Write your wants.

BEN S. MYERS,

Crawfordsville, Ind.

Schweikert's Barred Plymouth Rocks

First prize winners for a number of years. Silver cups and cash prizes. These birds are bred to win in the largest competition.

IN 1910 I WON 20 prizes, 9 firsts, 5 seconds, 4 thirds, 2 fourths, winning four silver cups and cash prizes. My birds are large and healthy, plenty of vigor, narrow barred to the skin, good shape, good eyes, head, beak and small comb, also excellent egg layers. Eggs from my best pens, \$3.00 per 13.

I will also have a few one-day-old chicks from these prize birds to spare, 50c. each
Edward F. Schweikert, 1552 E. Main Street, Springfield, Ohio

McCLAVE'S

White Wyandottes, B. P. Rocks, Orpingtons, Leghorns
Bronze and Narragansett Turkeys

Embden, African and Chinese Geese, Muscovy, Pekin and Rouen Ducks

600 Selected Fowls for Sale

Finest collection in the United States. 58 firsts, 24 seconds, 3 thirds, 6 cups, 2 medals and Special for best display at the big Cleveland Show January 1910. Write your wants to

Chas. McClave,

Box W,

New London, Ohio

WELLINGTON RHODE ISLAND REDS

ROSE AND SINGLE COMB. EGGS AND BABY CHIX. From my prize winners. GRAND ROSE COMB PEN headed by "Duke", 1st cockerel at Elyria and 3rd at Cleveland in a class of 20 cockerels, mated with 1st and 2nd pullets, Shelby, 1st, 2nd and 3rd pullets, Elyria, and 2nd and 4th pullets at Cleveland, all of the finest "type" and color.

PRIZE SINGLE COMB PEN headed by "Wellington", 1st cockerel and winner of special for best colored bird in the show at Wellington, mated with 1st and 2nd hens, Wellington, 2nd and 4th hens, Elyria, 3rd hen, Medina, 1st pullet Wellington, and 2nd pullet Medina. Seed for catalogue.

E. W. PHILLIPS,

Box W,

WELLINGTON, OHIO

White Rocks were a fine class, and to win a place here was indeed an honor. Fairfield Farm, of Fairton, N. J., not only won a place but carried off the honor for best display, winning six regular prizes.

As usual S. H. Harter of Nescopeck, Pa., won the majority of the prizes in the Buff Rock classes including four out of the five firsts; silver cup for best display and silver cup for best pen. These two specials were offered by Angelo Meyer and John W. Poley of Linfield Farms. Mr. Harter also won \$5.00 special for best cock, \$5.00 special for best cockerel and pullet, American Poultry Association silver medal for best cock, hen, cockerel, pullet and pen and a few other specials; this is winning some.

A breed of recent introduction that is fast growing in popularity is the Columbian Plymouth Rock. A fine exhibit was made at this show by Frank G. Bean of Collegeville, Pa. Mr. Bean won many regular prizes, cup for best display and gold special for best male. Lititz Springs Poultry Yards, Lititz, Pa., and S. C. Allen, Orchard Park, New York, also won their share of the prizes in this class, each exhibitor showing birds of good rock type and fine color.

Silver Wyandottes brought out some fine specimens, Leroy Siegfried of Waterloo, N. Y., and Dr. Henry Kalvin of Brooklyn each showing blue ribbon winners.

Wm. Deissler of Philadelphia succeeded in winning three of the five first prizes in White Wyandottes. Geo. L. Oddy of the same place was also a good winner in this class, each of the above showing some very choice specimens.

Stuart Howland of Granville, N. Y., made two entries in Buff Wyandottes and succeeded in winning two regular prizes besides special for best Buff Wyandotte female.

Miller and Smith of Williamsport won first cock color and shape special on a wonderful bird.

Columbian Wyandottes brought out some fine specimens. F. J. Statia of Granville, N. Y., showed some fine ones and was in the money several times.

The Rhode Island Reds were quality classes also and it took quality to win here. J. H. Crossley of Magnolia, N. J., won two regular prizes, color and shape special on two entries.

Ellis S. Shelly of Williamsburg, Pa., made a fine exhibit, winning several regular prizes and special for best display. His first pullet also won color and shape special for best female.

Kaufmann & Windheim of Nutley, N. J., made a killing in the Rose Comb classes, winning best display special for best cock, hen, cockerel, pullet and pen, shape special on male, gold special for best cock and hen and the American Poultry Association medal

for best cockerel shown by member of the American Poultry Association.

Ontario View Poultry Yards, Oneida, N. Y., were also among the successful in this class, and their first prize pullet was a wonder, winning both color and shape special.

Buehler & Mahn, Palmyra, N. J., also captured a few prizes on Rose Comb Reds. Their first prize cockerel was a fine one and was awarded color special.

Mohawk Poultry Yards, Merchantville, N. J., also showed some very fine stock and we are confident that their birds will be heard from in the future.

Orpingtons were out strong in all classes. Sunswick Poultry Farm of S. Plainfield, N. J., carried off the lion's share of ribbon's in each class where they made entries.

Bal Med Farm, West Town, Pa., captured third pen in the Buff class. This farm is issuing a very interesting catalog, which is sent free to those inter-



BRED FOR LAYING

Ten Years Careful Breeding.

35 Best breeds poultry. See my big circular, illustrated in colors, before you place that order for stock or eggs. Price reasonable. It will please you. It's FREE-2c. stamp for mailing.

JOHN E. HEATWOLE,
Harrisonburg, Virginia.



EGGS FOR HATCHING
A SPECIALTY.

Burt's Buff Wyandottes

Won at Brockton Fair, 2 cock, 1-2 hen, 1-5 cockerel, 1 pullet, 1-2-4 pen. Best display, color and shape ribbons on male and female. Eggs from these same birds for hatching, \$3.00 per sitting; 2 sittings, \$5.00. Circular describing matings.

J. E. BURT, Box 75, ATHOL, MASS.

OUR BARRED ROCKS

WON AT THE GREAT PHILADELPHIA SHOW

\$50.00 Cup for the best pen in Show, any variety, 51 pens competing, also cup for best pullet breeding pen, 2nd cockerel and cup for best pen of Barred Rocks. Eggs, \$3.00, \$5.00 and \$10.00 per sitting, with a guarantee of a fair hatch or will duplicate order free.

TOP NOTCH FARMS,

Henry Cundell, Mgr.

WATER MILL, L. I.

NORTHVALE FARM

WHITE PLYMOUTH ROCKS

Cockerels of quality, \$3.00 to \$5.00 each. Large, vigorous utility cockerels at \$2.00 each or \$5.00 for three. Orders booked for eggs and day-old chicks.

Mammoth Bronze Turkeys. Fine pullets sired by prize-winning Seneca Chief at \$4.00 to \$6.00 each. Also a few young toms at \$5.00 to \$8.00 each.

MRS. ALLAN DOREN,

R. D. No. 2,

OGDENSBURG, N. Y.

Buff Plymouth Rocks

Golden Glow Strain

Winners of State and District Cups at the great Boston Show, January 10-14, 1911, also gold special for Best Display. Best Cock and Hen. Best Cockerel and Pullet. Best Cockerel and four Pullets. Shape and color specials in the strongest class at Boston for years.

Eggs from these winners \$5.00 for 15. Utility stock \$2.00 for 15. A few choice cockerels and pullets for sale.

M. J. COREY,

900 Sumner Avenue,

SPRINGFIELD, MASS.

FARRELL'S WHITE WYANDOTTES

Again win at Baltimore, 1911, Cock 4, Hen 4, Cockerel 2-5, Pen 3-5. Stock farm raised. Have great size, are excellent layers. Vigorous and healthy. Choice cockerels and pullets for breeders, \$3 to \$5. Eggs \$2, \$3, \$5.

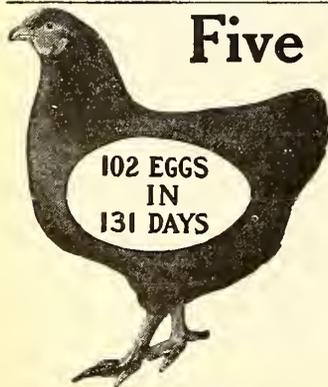
J. J. FARRELL,

HALETHORPE, MD.

Hoke's Strain of S. C. White Leghorns

are large, vigorous, healthy birds and great egg producers. Don't forget to send us your orders for Baby Chicks. Don't forget to send us your orders for Incubating Eggs. Chicks from best stock \$15.00 per hundred. Eggs for hatching \$1.50 for 15, \$2.75 for 30, \$6.00 per 100. A few good breeding Cockerels at reasonable prices.

A. R. HOKE, Cold Spring Poultry Farm, HORSEHEADS, N. Y.



Five Unequaled Records in R. I. Reds

TWENTY-FOUR firsts out of a possible twenty-five. Eighty-five regular prizes of the hundred offered. This is our Fall of 1910 record at St. Louis, Kansas City, Nashville, Indiana and Illinois State Fairs. Four cocks took four firsts. Not one place lost on pullets.

C. L. Buschmann's Rose Comb Rhode Island Reds

Excel in laying, beautiful color, show room or general purposes. Thirty grand pens now mated for the egg trade. Some good young cockerels for breeders. Have you read "Origin and History" of Rhode Island Reds? How to mate, judge and line breed? Send ten two-cent stamps.

C. L. BUSCHMANN,

4930 N. Meridian Street,

INDIANAPOLIS, IND.

ested in Buff Orpingtons, Barred Rocks or White Wyandottes.

Dun Robin Farm, Chatham, N. J., made a large entry of Buff Orpington Ducks, and captured all firsts. They predict a great future for this variety and state that as layers they have no equal.

Wm. Cook & Sons, Scotch Plain, N. J., originators of all Orpingtons carried off a large list of prizes in the different classes where they made entries. They have issued a very interesting book on the Orpington. Those interested in this breed should ask for it.

Fred Harries of New York won several prizes in White Orpingtons, his famous hen "Betty" winning first and cup for best hen in the whole show.

Owen Farms, Vineyard Haven, Mass., made a small entry in the Black Orpington classes and won several regular prizes, also winning special for best cock, four special medals including National Single Comb Black Orpington Club medal for best cock.

G. A. CLARK, SEYMOUR, IND.

Readers of AMERICAN POULTRY WORLD who are interested in R. C. Black Minorcas should send to G. A. Clark of Seymour, Ind., for a copy of an interesting twenty-four page catalog that he has just published. Mr. Clark is one of the leading and best known breeders of R. C. Black Minorcas. His birds have been shown at the leading shows of the central west, as well as at Madison Square Garden, at which place this last year he won 1-3 cock; 2-3 pen. In type his winning cock bird was one of the finest Minorcas that we have handled. In color he was practically without fault. His 3rd cock was another good bird being exceptionally strong in shape and possessing good head points. Mr. Clark also sells Day Old Chicks from his best matings. When writing him, please mention AMERICAN POULTRY WORLD.

J. A. ROSE & CO, SCRANTON, PA.

J. A. Rose, the well-known breeder of S. C. R. I. Reds, has formed a partnership with L. W. Maxon and in the future will do business under the name of J. A. Rose & Co. Mr. Rose has long been a successful breeder of S. C. Reds, his birds having won at leading show rooms throughout the country. Mr. Maxon, formerly a resident of Buffalo, is now making his home in Scranton. This farm has mated up a number of choice breeding pens and are now booking orders for eggs for hatching and will be in a position to supply exhibition and breeding stock in the fall. Those who are interested should send for information and prices.

BERGERS' BUFF COCHINS

HAVE again won 1st pen sweepstakes prize over all Asiatic Classes and all other prizes on Buff Cochins in hot competition at the great Miami Co. Fair. They have been winners in many states and Canada's best shows. 12 years a specialist. Satisfaction guaranteed. Stock for sale. Eggs in season.

SAMUEL BERGER, Box A, PLEASANT HILL, O.

COLUMBIAN PLYMOUTH ROCKS

"BREITIGAN'S REGAL STRAIN"

Won 1st cock; 1st hen; 5th cockerel and 4th pen at the 1910 Philadelphia Show in the largest class of Columbian Rocks ever exhibited. Orders booked for eggs for hatching at \$5 and \$10 per 15.

JAMES H. BREITIGAN, LITITZ, PA.
State Vice-President American Columbian Plymouth Rock Club of Pennsylvania

Shaylor's Barred Rocks Again Supreme

Male line, 1st cockerel at Boston, 1911. Female line, 1st and 3rd hen at New York, November, 1910. We never fail to win at Boston. Twenty-six years a breeder of Barred Rocks. Some elegant cockerels and breeders from both lines for sale. Eggs from best matings, \$5.00 per sitting.

C. H. SHAYLOR, LEE, MASS.

LUCKY 13

WILDIG'S S. C. WHITE LEGHORNS

Showed 13 birds at the Indiana State Fair, Sept., 1910, winning Cock 1-2; Hen 2-3; Cockerel 1-2; Pullet 2-3; Pen 1st, in a strong class of 42 birds. 50 S. C. White Leghorn Cockerels for sale from \$5.00 up.

OUR WHITE WYANDOTTES are undoubtedly one of the best Winter Laying Strains in America to-day. 28 pullets have averaged 183½ eggs each in 12 months. All surplus stock in WYANDOTTES sold. We are booking orders for early spring delivery at \$3 and \$5 for 15.

J. WILDIG, R. R. 1-W, IRVINGTON, IND.

SPECIAL PRICE ON



ICE PROOF NESTS

—KNUDSON'S GALVANIZED STEEL—
At Almost the Cost of Raw Material
Greatest Poultry Appliance ever invented—lies will not go near metal nests and they last a lifetime. Each nest has separate door for shutting in setting hens or closing at night to prevent roosting in them. Hangs on three nail heads, and to clean—simply lift off and dump contents out of open back. Can hang other nests—one above the other or endwise. If you use one—you'll want more. Free Illustrated Catalog.

Send \$3.50 For Full Size Set of 6 Nests—Regular Price \$3.90
3 Complete Sets (18 Nests) for \$10 Knudson Mfg. Co. Box 233 St. Joseph, Mo.

White Wyandottes Single Comb White Orpingtons

1910-11 BLUE RIBBON WINNERS

At MADISON SQUARE, Hartford, Brockton, Providence, New London, BOSTON

30 acres devoted to Poultry—18 years line breeding—Trap nest layers
Stock and Eggs : : : : Circular with photos

Richardson & Sons Farms, C. W. Richardson, } Mgrs. Apponaug, R. I.
Waldo Richardson, }

S. C. Rhode Island Red Cockerels of Quality



THIS YEAR at Madison Square Garden, N. Y., and also at Boston, we won 1st, 3rd cockerels in the hottest class of young red males ever shown. Champion "TABASCO" won both shape and color specials at New York and color special at Boston. Believe us, this is no chance victory. For five consecutive years we have won 1st pen at Boston and two years ago we won 1st pen at New York, against thirteen other entries.

NOTICE--We offer for sale 100 cockerels, guaranteed to be the same general color and breeding as "TABASCO", at \$25.00 to \$150.00 each. Eggs from pen headed by "TABASCO" \$30.00 per 15. Other settings, \$3.00 to \$15.00. Send for our catalogue.

OLD ACRES, Wm. C. Stephens, Manager, FOXBORO, MASS.

PITTSFIELD STRAIN AGAIN PROVES ITS PRIZE-WINNING QUALITIES

Leads in points at the big Boston show and sweeps almost everything at Portland.

Two big facts are being demonstrated at the poultry shows this year—one that Barred Rocks are constantly increasing in popularity among breeders; the other that Pittsfield strain where exhibited is bearing off its full share of the honors.

The big Boston show is a case in point. Pittsfield strain won 29 prizes with a total of 52 points—three times as many points as any other exhibitor received. Among these was 1st pen, the most valuable prize of all from the breeder's standpoint. At the Portland show, in the hottest kind of competition, Pittsfield strain won five 1st's out of a possible seven, and Pittsfield stock in other hands took a generous proportion of the remaining awards.

The Boston winnings were as follows: best display, 1st pen, 4th pen, 2d cock, 3d cock, 6th cock, special best 2 pens, state cup American Plymouth Rock Club, 1st hen, 2d cockerel; color special, 2d pullet, 3d pullet, 6th pullet, 2 specials best display, special best 3 cockerel and 3 pullet, 13 other specials, 29 prizes in all. 52 points.

The Portland winnings included 1st cock, 1st hen, 4th hen, 6th hen, 1st cockerel breeding pen, 1st pullet, 3d cockerel, 1st exhibition pen, 3d exhibition pen, 2d pullet breeding pen.

Pittsfield stock also won both color and shape specials on females, and our own strain won special for best cock and 4 hens, best cockerel and 4 pullets.

This matter of "strain" is demanding more and more the attention of careful breeders. In one of the current issues of the poultry magazine we find this very subject by E. B. Templer. After discussing the results accomplished through breeding, he says:

"Take it for a fact that there is much in the strain. You may choose of the many breeds to-day and you will choose wisely, but be sure of the strain. *It's more in the strain than it is in the breed.* We all have our own ideas about the breed that we like and whether they shall be black, white, ring-streaked or speckled but when we come to the strain that is a different proposition. We want to know what we are driving at and what we are looking for along lines of direct results. Here is where you should be careful. Pick out your strain as carefully as the housewife does the style of stove that she is to have. She first knows whether she wants a kitchen range or a parlor stove. Then she decides between the different makes. Know what you want and then go after it.

"Then when you have your selection of a strain, stick to it. Don't change for any reason, but breed carefully for results. Read up on your particular breed. Study the types of birds that you see from time to time and become a specialist in your particular variety. By doing these things you will save yourself much disappointment and considerable trouble."

Pittsfield strain of Barred Rocks are bred to big winter egg production with plenty of stamina and constitutional vigor. Even the novice can recognize these latter qualities by noting the illustration of one of these birds on another page of this issue. They are bred as close to the standard as possi-

ble consistent with heavy egg production. Many buyers of Pittsfield utility stock have entered these birds in poultry shows and come off with the honors.

The Pittsfield farm is already among the leading poultry plants of the country. Here the motto was adopted years ago of selecting a breed and sticking to it—a plan that breeders generally could pattern after to their own profit. Pittsfield strain birds are raised under the most sanitary conditions in open houses. The splendid Maine climate seems admirably adapted to developing the highest quality of poultry. On the Pittsfield farm the birds have ample range, attain the fullest development and still possess the best qualifications of the breed. Pittsfield strain are noted for excellence in all the excellent qualities of Barred Rock; breeding to the highest practical point of egg production without loss of vitality; maintenance of size; producing offspring that is the equal or superior of itself; freedom from feather legs, side sprigs on combs or other blemishes; early maturing of pullets.

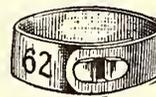
Day-old chicks are a constantly growing business on the Pittsfield Poultry Farm. The incubator capacity of a year ago has been doubled. As there is practically no limit to the distance that shipments of day-old chicks may be made, this plan offers a splendid and economical way of starting a new plant



POULTRY CUTS

Our new catalog now ready; latest and best designs; all varieties; send for it today. Also poultry post cards; samples free. CHAS. L. STILES, Columbus, O.

MOFFITT'S PERFECTION BAND



For Poultry and Pigeons.
12 for 12c; 25 for 20c; 50 for 40c.
100 for 65c. State the variety bands are for.

J. MOFFITT,
13 Spring St., Southbridge, Mass

BOURBON RED TURKEYS

Rose Comb Brown Leghorn Chickens
Eggs for hatching from
choice matings.

Mr. and Mrs. G. W. Price, R. No. 2, Belmont, Ohio

CHICKEN FEED

STEINMESCH Chck Feed \$2.50 and Hen Feed \$2.00 per 100 pounds, made in our own mill for particular people. Also Mash, Choice Alfalfa, Kaffir Corn, Broken Rice, Charcoal, Beef Scraps, Grit, Oyster Shells. Wholesale and Retail. Catalogue free.

Steinmesch Feed & Poultry Supply Co.
220 Market Street, ST. LOUIS, MO.

SILVER LACED WYANDOTTES

that can win over 60 ribbons and 3 cups at the classy shows of the east, Mineola, Hagerstown, Grand Central Palace, Philadelphia, Madison Square Garden, Boston and other shows, must be Silvers of the right sort. Stock and Eggs for sale.

BEN-HUR POULTRY FARM,

Dr. Henry M. Kalvin, Prop., Ave. U and East 15th St., Brooklyn, N. Y.

BUFF ROCK EGGS

From Armer's Madison Square Garden 1910-1911 Winners.

Eggs from pen headed by my Madison Square Garden second prize cockerel in class of twenty-nine, pullets from my first prize pen and first pullet at New York State Fair, sixteen breeders exhibiting, also fifth hen at Madison Square. First and second hen (as pullets at Schenectady last season). Fifteen eggs for \$5.00. Only a limited number from this pen. Other eggs including my fourth pen at Madison Square this season and winners at many other shows last season and this. \$3.00 for fifteen eggs. Write for further information.

FRED ARMER,

BALLSTON SPA., N. Y.

S. C. BLACK ORPINGTONS AND HOUDANS

Best quality of breeding and exhibition stock. Youngsters reared on free range are of great size and will please you.

Day-Old Chicks After March 15th

Book orders at once, if you wish to make sure of them.

MRS. C. SHERMAN,

ARCADIA, OHIO

Barred Plymouth Rocks

That have proven their superiority again at Wapakoneta, Dec. 14-17, 1910, 1 cock 1-2-3-4 cockerel, 1-2-3 hen, 1-2-4 pullet, 1-2 pen, also diploma for best shape and color. 65 in the class. You are sure to get winners from our pens. Book your orders now. Don't wait. The orders are coming in. Get yours placed and get in line. Write for circular today tomorrow never comes.

Eggs, \$3, \$5, \$8, \$10 per 15. Day-old chicks, \$5, \$8, \$12, \$15, per 15.

W. H. LOESCHER & SONS,

Box 134,

WAPAKONETA, O.

SIBLEY'S ROSE COMB RHODE ISLAND REDS



At Chicago, Dec. 8-14-10, we won

1st on Cockerel, 1st, 3rd, and 5th on Hen, 5th on Cock, 5th on Pullet, 3rd on Pen. 7 prizes in all, 2 firsts. More than 1/4 of all prizes given.

We have more of the blood of the "Old Macomber Hen" than any other yards in the world. Bred for laying, size, shape and color. 1911 matings circular now ready.



IRVING A. & FRANK C. SIBLEY,

Box A, 1032 Jefferson Blvd.,

SOUTH BEND, IND.

as well as of infusing new blood into your present stock. The new poultry book of the Pittsfield Poultry Farm, "Money-Making Poultry," sets out in splendid manner the excellencies of Barded Rocks as a money-making breed, and directs attention as well to the superiority of Pittsfield strain. It is a book that should have wider circulation among our readers, as besides these subjects it treats in an authoritative way of feeding methods as well as other topics of interest to poultrymen. A post-card request will bring it. Address Pittsfield Poultry Farm, 276 Main St., Pittsfield, Maine.

F. A. TECKTONIUS, ROUTE 20,
RACINE, WIS.

Will send his big catalogue on receipt of 25c coin or stamps. A colored plate of a pair of Buff Leghorns is the one big feature of the catalogue. Mr. Tecktonius's advertisement will be found on page 437 of this issue.

SLY'S SILVER SPANGLED HAMBURGS

Are farm raised and very hardy. At Chicago, 1910, and Cleveland, 1910-11, they won ten of a possible fourteen first prizes. At the last six shows where these birds were exhibited, they won 47 prizes, and where entered for have never failed to win first pen. Mr. Sly has a number of high-class birds for sale, and will book orders for eggs and day-old-chicks from exhibition stock only. See his advertisement on page 436 this issue.

IRA C. KELLER, PROSPECT, OHIO

In a recent letter Mr. Keller writes as follows: "We showed 27 entries at the Great Ohio Show and won 25 regular class premiums. Silver Wyandottes 1-4 cock; 1-4-5 cockerel; 1-2 hen; 2 pullet; 3 pen and cup for best display, this was the club show and 65 head in line; Golden Wyandottes 1-2 cock; 1-2 cockerel; 1-2 hen; 1-2 pullet; 1 pen and 6 premiums on White Wyandottes. We entered 8 birds at Cleveland and won 8 regular class premiums. At New York show we made 4 entries and won Golden Wyandottes, 2 hen; 5 cock first breeding yard, and 4th breeding yard of Silver Wyandottes. These birds will be all in our this year's matings besides hundreds of our other winners, from which we will sell eggs."

Underwood's Houdans Large, vigorous and healthy stock, the right kind. They produce winners and layers
Orders for eggs now being booked, \$5 and \$3 per 15. No other breed. Send for booklet.

JNO. A. UNDERWOOD, PEN YAN, N. Y.

JACOBUS' SILVER CAMPINES

The greatest known egg producers. Non-sitters, elegant table fowl. Beautiful Exhibition birds. Made a clean sweep at the Great Boston, 1911, Show. Our Campine Eggs also won 1-2 prize. Best Dozen White Eggs, also 1st and 2nd prizes Whitest Dozen all varieties, competing. We also breed Silver Gray Dorkings. Stock and eggs of both varieties for sale.

M. R. JACOBUS, RIDGEFIELD, N. J.

BUELL'S RHODE ISLAND REDS

SINGLE COMBS EXCLUSIVELY

The finest that years of Scientific line-breeding can produce, winners at all the leading shows. My breeding yards are headed by males that have won at New York, Boston and Cleveland. Send for free mating list describing them.

GEO. L. BUELL, Dept. A, LORAIN, OHIO

GILBERT'S ROCKS-WHITE WYANDOTTES

OF QUALITY

Winners wherever shown. A few choice cockerels for sale. Am booking orders for baby chicks to be delivered in Spring. Write me for list of winnings, also for prices. Will be pleased to give all information promptly.

A. E. GILBERT, 1511 E. Market, AKRON, OHIO

Baby Chicks from the Famous

CRYSTAL WHITE LEGHORNS

America's leading strain of heavy layers, of which Mr. Holmes is the originator. He has spent 14 years in hard work and careful study to perfect his strain. He has to-day, from the continued use of trap nests, a strain of birds laying an average of 200 eggs per year. Birds are all grown from shell to maturity on free range and in open-front fresh air houses. Our 1st, pen this season, is headed by our Crystal Prince, a male we value at \$200.00. To him we have mated ten females worth \$10.00 each. The mother of this pen laid 286 eggs the last season. We are now booking orders for Baby Chicks and eggs. No order to large. Guarantee safe delivery. Mention this paper and receive catalogue.

L. F. HOLMES, Originator and Breeder, Monroe County, ADAMS BASIN, N. Y.

KAUFMANN & WINDHEIM'S

ROSE COMB RHODE ISLAND REDS

HOLD THE UNDISPUTED WORLD'S SHOW RECORD

OUR BIRDS have traveled over 2,700 miles, going to and from 36 of the best shows held in America, in all parts, east, west, north and south, in the last four years, competing against the best birds in every part of the country, and have won more firsts than all our competitors combined. Others have show records, but this is the only great record, and proves conclusively that

OUR REDS LEAD THE WORLD

The record for this year: Exhibiting at Madison Square Garden, New York; Philadelphia, Pa.; Grand Central Palace, New York; Dallas, Texas; Wilmington, Del., and Red Bank, N. J., competing against the best that grow, our birds again won more firsts than all others combined. Stock and eggs from our strain have proved the foundation of many large breeders throughout the country today, and they also are making show records that are unequalled in their vicinity. Our pens are now mated for the egg trade, and stand today as

THE BEST EVER PUT TOGETHER IN AMERICA

Write today for our handsome free 40-page catalogue and mating list, which is the finest catalogue on Reds in this country. It describes the pens that we have mated, which hold more Madison Square Garden Blue Ribbon Winners than the pens of any other three breeders on the map, and gives prices and our guarantee as well.

KAUFMANN & WINDHEIM, NUTLEY, NEW JERSEY
The Largest Exhibitors of Rhode Island Reds in the World

WHITE PLYMOUTH ROCKS

Owen Farms males mated to Fishel bred females.
Eggs, \$2.00 for 15. Incubator Eggs.

C. M. WALKER, Box B47, HERNDON, VA.

EGG MACHINES

From free range, pure bred strong healthy Single Comb Black Minorcas; 15 eggs \$1.50; 100, \$7. Also Mammoth Bronze Turkey eggs, 10 eggs, \$3.00.

W. R. Brock, So. Kortright, N. Y.

**1911 Catalogue Free**

Illustrates and gives prices; 45 varieties land and water fowls and eggs. Send your address on postal card to

S. A. HUMMEL

Box 80, FREEPORT, ILL.

COCKERELS**SINGLE COMB WHITE LEGHORNS**

From Brookside Poultry Farm, Missouri State Show Winners for sale. Price low, Quality considered. No more females.

H. F. MEISTER, Prop., Box B, NURSERY, MO.

CHAMPION STRAIN**S. C. Rhode Island Reds**

Won 1-3 pullet, 2 cockerel, 3rd hen and 3 pen; color and shape and champion female cup for best shape male; State cup for best display and other specials at the late Palace Show.

Stock for Sale and Eggs for Hatching

PHILIP & HERMAN, HUDSON, N. Y.

Partridge Cochins, Cornish Indians White Rocks, S. C. White Leghorns

A lot of fine farm range youngsters bred from winners at prices that will please you, also a few old breeders of each variety. Satisfaction guaranteed.

G. T. ELLS, R. D. No. 6, Charlotte, Mich.

Single Comb Rhode Island Reds

Winnings at Springfield, Mass., Jan. 3-6, in hot competition, 1st and 5th Cockerel, 1st and 2nd Pullet, 2nd and 3rd Cock, 1st Hen.

Eggs from prize matings, \$5.00 per 15; choice matings, \$2.00 per 15. Utility eggs, \$6.00 per 100. Satisfaction guaranteed. Circular.

H. P. Deming, Robertsville, Conn.

TEN CENTS EACH.

Eggs, S. C. Black Orpingtons, White Plymouth Rocks, White Wyandottes and Trap nested S. C. White Leghorns, also B. T. Japs, R. C. Blacks, Light Brahams, Japanese Silkies, and Black Cochins Bantams.

Pigeons, guaranteed mated blue homers, \$1.50 per pair, beautiful White Homers, \$2.00 pair.

SMOKELESS WICKS.

Success in Hatching and rearing chicks assured if you use them. Write for literature. Send for "Fifteen Years with Poultry," the shortest and most complete work ever written. It is free. Address,

Corniscliffe Poultry Farm, Box 91, Tenafly, N. J.

CHEVIOT ORPINGTON FARMS**EXPANSION**

It is interesting to note the remarkable expansion of the now famous Cheviot Orpington Farms.

Four years ago the enterprise was conducted on a back lot, while now the business has become one of the largest in the world, and not a dime has been invested, except the money made in the poultry business itself from an original investment of \$25.

The latest big expansion is in the addition of the Mary L. poultry plant of Sidney, Ohio, the largest plant in the world devoted to poultry and costing originally over \$100,000 to erect and equip. This will be operated as a branch farm, with all correspondence directed to the Cincinnati office as before.

The Cheviot Farms have also just bought the last of the M. M. Baker Buffs, including the good will of the business. It will be remembered that these are the birds that won Judge Standfield's famous trophy offered to the best Buffs he judged at Madison Square, Chicago, National Club Meet at Cleveland, etc., etc. These birds also won cup for best buff at Chicago, Peoria and elsewhere.

The Cheviot Farms have also imported so far this year several hundred choice White and Buff Orpingtons from England to increase the size of their strain. The Cheviot Farms are famous for size and type in Orpingtons, while the Baker birds are famous for perfectly even soft buff color.

Just last week sixty White Orpington cockerels of superb type size and color were received by the Cheviot Farms from their English agent and some of these cockerels and an equal number of imported pullets are for sale now.

E. A. & C. E. DODSON

We have just received the 1911 mating list from the above firm and quote the following paragraph:

"In the Dodson standard egg machines you will find the ideal bird. It combines all money-making utility features with prize-winning qualities that take the blue wherever shown. This has been made possible only by years of careful breeding for egg production, and watching constantly the requirements for show room qualities."

Messrs. Dodson breed White Plymouth Rocks and Black Langshans of the better kind. Great care is exercised to have only the most vigorous, healthy stock. To insure this the most rigid culling is practiced; by this method they reach the ideal in health, vigor and vitality. Look up their advertisement on page 389 of this issue and when in need of first-class stock, write them, mentioning AMERICAN POULTRY WORLD.

In a report of the Philadelphia Show we omitted to credit Geo. L. Oddy with winning 1st prize pen White Wyandottes.

ELITE POULTRY FARM, SOUTH BROOKLYN, OHIO.

We are advised by the proprietors of the above farm that they have been specialty breeders of Black Langshans for 16 years. This long association with this variety should be apparent in the quality of the stock. They have several pens of selected breeders mated for this season's egg trade, and have just issued a neat circular describing them. Readers interested in this variety should ask for it. This farm made nine entries at the late Brooklyn and Cleveland, Ohio, shows and succeeded in winning 4 firsts, 2 seconds, 1 third, 1 fourth, 1 fifth and 4 specials.

HUMBACH POULTRY FARM

We desire to call attention to an error that occurred in the advertisement of the Humbach Poultry Farm, on page 206, of the February issue. The advertisement was made to say "200 breeding yards;" this should have been 20 breeding yards. Mr. Humbach has a change of copy this month, and is offering day-old-chicks and eggs; also day-old-ducklings. When writing him mention AMERICAN POULTRY WORLD.

TUTTLE STRAIN R. C. REDS

Breeders, \$5 to \$25. Utility pullets, \$1.50

K. F. Bishop, 197 Blue Hills, Hartford, Conn.

Sprouted Oats Send us \$2 for galvanized steel oats sprouter. Feed green food all winter. Or send \$5 for three.

CHEVIOT POULTRY SUPPLY CO., CINCINNATI, OHIO

R. C. REDS INDIAN RUNNERS

First Prize Winners, Madison Square, 1910. Order Eggs now. Mating and prize-list sent on request.

Sinclair Smith, 602 5th Street, Brooklyn, N. Y.

HOUDANS--Winners WHEREVER SHOWN

During the last 3 years at 18 shows, won 142 prizes, 47 specials and 44 first prizes. Good birds always for sale and Eggs in season

J. EMLEN SMITH, CHESTNUT HILL, Philadelphia, Pa.

R. C. BLACK MINORCAS s. c.

Arlington Strain

Heavy Layers Show Winners

Exhibition and breeding birds for sale at all times. Eggs \$3.00 per setting. Some choice cockerels for sale

ROWLAND STORY

187 Arlington Ave., Brooklyn, N. Y.

QUALITY QUALITY**Barred Rocks**

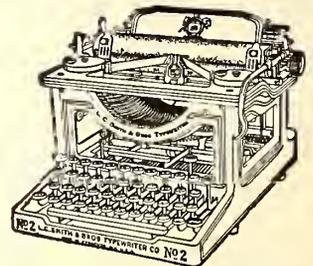
To convince you that I have the quality in Barred Plymouth Rocks, I will refer you to my winnings at the Great Elmira Show, 1911, where I won

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ANCONAS. Both Combs. Marvelous egg-producers. I won every 1st and 2nd at Chicago. Have you sure winners? Write me. Dr. Guy Blencoe, Vice President International Ancona Club, Alma Center, Wis. 3-1-1

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LIGHT BRAHMAS won 49 ribbons, silver cup and cash prizes for best birds shown during 1909. Selected birds for sale. No eggs. Jas. D. Hollinger, Elizabethtown, Pa. 6-4-1

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BUCKEYES, tenth year. Won Cincinnati firsts last four shows. Gardiner Dunning, Logan, Ohio. 4-4-1

BUCKEYES. Eventually beautiful Kentucky Cardinal Strain. Eugene Cowles, Shelbyville, Ky. 1-3-1

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SILVER BRAEKEL EGGS, from importer, Hugh McDuffee, Waverly, N. Y. 1-2-1

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Winners of first prize at Elmira. Eggs for hatching. S. H. Morris, Rummerfield, Pa. 3-4-1

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SILVER LEGHORNS a specialty. 10 years a breeder of this beautiful variety. Circular free. Sylvester Shirley, Port Clinton, Ohio. 12-1-2

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EGGS \$1.25, S. C. WHITE LEGHORNS, 200 egg mating. Cockerels, pullets \$1.50 up. Mapleton Farms, John Groome, Prop., Greensboro, N. C. 3-3-1

TRAPNESTED S. C. WHITE LEGHORNS. Lakewood layers, the Big Kind. Trapnested years for size and heavy laying. Raised on free range and housed in open front houses. No healthier or better layers grown. Eggs 100-\$5.00; 50-\$3.00; 15-\$1.00. Circular free. G. S. Cooke, Huron, Ohio. 5-5-1

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SINGLE COMB WHITE LEGHORNS. Lakewood Strain. Eggs for hatching. Circular. J. S. Dutrow, Adamstown, Md. 1-3-1

SINGLE COMB WHITE LEGHORNS. First prize winners, Orange County Fair. Cockerels, \$5. Eggs \$5 hundred. Henry Godfrey, Highview, N. Y. 1-3-1

YOUNG'S STRAIN SINGLE COMB WHITE LEGHORNS. Eggs, \$2.00 per 15. A. Baker, Depew, N. Y. 3-5-1

HEAVY LAYING, Heavy Weighing strain. We breed Single Comb White Leghorns exclusively. Eggs per sitting, \$1.00 and \$1.50, per hundred \$5.00 and \$8.00. Eggs carefully packed. Valley View Poultry Farm, Coopersburg, Pa. 1-3-1

S. C. WHITE LEGHORNS, 1500 chicks, March, April, May \$12 per 100, special mating \$16. Eggs \$4 and \$6; all from high-class parent birds, with beautiful large combs, descended from important prize winners. Will sell 1911 pullets, any age. Circular showing photographs of stock, free. Advance orders booked and goods shipped C. O. D. for 1/4 deposit. Safe arrival, vigor and quality guaranteed by the old reliable George Phillips, Waterloo, N. Y. 1-3-1

ROSE COMB WHITE LEGHORNS. Eggs from winners at Buffalo, three dollars for 15. Cockerels and Pullets for sale. W. J. Hingston, 33 Lawrence Place, Buffalo, N. Y. 3-4-1

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S. C. WHITE, BROWN AND BUFF LEGHORNS Eggs for hatching, price one dollar per sitting, six dollars per hundred. Stock unexcelled, satisfaction guaranteed. F. R. Parker, Marlboro, N. J. 3-4-1

MINORCAS—BLACK

SINGLE COMB BLACK MINORCAS exclusively. Full Northup Strain. From best stock obtainable, correct size, shape and color, open range raised, 50 cockerels for sale, eggs in season, satisfaction guaranteed. S. J. Arnold, Route 2, Dayton, Ohio. 3-3-1

ROSE COMB BLACK MINORCAS. Send for illustrated catalogue. Eggs from four pens and 20 cockerels for sale. Chas. F. Jordan, L. B. 521, Jefferson, Wis. 3-4-1

ROSE COMB BLACK MINORCA EGGS from Allentown Fair Winners, also from good utility birds. Write for prices. A. C. Keller, Box 226, Richland Centre, Pa. 3-4-1

ROSE COMB BLACK MINORCAS. Utility bred. Eggs, \$1.50 per fifteen. K. H. Ludwig, Middletown, N. Y. 1-2-1

S. C. BLACK MINORCAS make a clean sweep at Wilmington Show. First pen, first, second, third pullet, second hen, two first and special for eggs. Booking orders now for hatching eggs. Write for prices. Mrs. Ella Compton, Charlestown, Cecil Co., Maryland. 2-3-1

STEVENS' SINGLE COMB BLACK MINORCAS. We have 50 nice large females for sale. Also eggs for hatching from four splendid pens of high-class exhibition birds. All over Standard weights. J. F. Stevens, 914 McCleary Ave., New Castle, Pa.

BLACK MINORCAS. Both Combs. Winner at Rochester Show, 1911. Northup strain. Eggs \$1.50 to \$3. Cockerels, \$3. Write for catalogue. John Paynter, Box 60, Hume, N. Y. 1-3-1

ROSE AND SINGLE COMB BLACK MINORCAS. Our mating list tells true facts regarding unbeaten females and the many winning males composing pens. See Adv. page 429. J. S. Knight, removed to Ambler, Pa. 2-4-1

R. C. BLACK MINORCAS. Still America's best. Winnings at the Minorca Club Show, Chicago, 4 first, \$50.00 cup, 7 specials, also Pennsylvania State Cup. Write for full winnings. T. G. Samuels, Nanticoke, Pa. 3-5-1

ROSE COMB BLACK MINORCAS. Canada's Champions won every first at Buffalo. Send for circular. Dr. MacRae, Galt, Ont.

MINORCAS—White

SINGLE COMB WHITE MINORCAS. Eggs for hatching from pens of exceptional quality, combining size, shape and color. 15 eggs, \$2.50. Edgewater Poultry Farm, Athens, Pa. 3-5-1

CLARK'S WHITE MINORCAS. 100 large cockerels sired by first and third cocks at Madison Square Dec. 1910, \$3, \$5 and \$10. Eggs, Feb. 15th. Baby chicks, April 1st. Tioga Poultry Farms, Apalachin, N. Y. 3-4-1

S. C. WHITE MINORCAS. America's best. Every first except two at last three shows at Madison Square Garden. Send for circular. Harvey Teetz, Gloversville, N. Y. 3-5-1

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"CRITERION" S. C. BLACK ORPINGTONS. Line bred from New York and Crystal Palace winners for correct type, size and color, are noted for persistent laying qualities. Mating circular free. Lykens Valley Farm, Sacramento, Pa. 4-5-1

BLACK BEAUTY ORPINGTON YARDS. Southport, Conn., breeders of "The Black Orpington Beautiful" offer the finest prize winning stock. Eggs in season. 6-7-1

ROSE COMB BLACK ORPINGTONS. Winners at Madison Square Garden, Cleveland, Chicago and Detroit. Get my mating list. H. C. Faulkner, Box 10, Marshall, Mich. 1-2-1

WILSON'S BLACK ORPINGTONS win at Akron, etc. Remember our 1st pen is headed by son of 1st Boston cockerel. Get mating list. Frank Wilson & Son, Route 8, Doylestown, Ohio. 1-3-1

ORPINGTONS—BUFF

S. C. BUFF ORPINGTON eggs from exhibition matings \$2, utility \$1. Send for circular. Allworth & Marsden, Meriden, Conn. 3-4-1

S. C. BUFF ORPINGTONS. Champions of Connecticut. Eggs, \$3 per sitting; 50 for \$7.00. Circular free. Joshua Shute, Meriden, Conn.

S. C. BUFF ORPINGTONS, twelve hens and pullets, winners of eighteen firsts, headed by first cockerel at big North Adams show, where he scored 94. Eggs, \$2.50 for 15. H. Rudge, Gt. Barrington, Mass. 1-3-1

FOR SALE. Eggs from Martz Strain S. C. Buff Orpingtons. Write for prices. Jacob Raquet, Arcadia, Ind. 4-6-1

MY SINGLE COMB BUFF ORPINGTONS. Won blue Ribbons at three shows last season. Write for price list. John H. Cousins, So. Richmond, Va. 3-5-1

S. C. BUFF ORPINGTONS. Best in England and America. Fine cockerels, clear color, \$10 up. Eggs, \$3, \$5, \$8 sitting. Mating list. Fairmount Poultry Yards, 286 Pleasant St., Leominster, Mass. 1-3-1

S. C. BUFF ORPINGTON EGGS from good strong utility stock, \$2.00 per 13. K. C. Sherman, Mansfield, Mass. 1-3-1

AMERICA'S BEST R. C. BUFF ORPINGTONS. Won 4 first and 1 second at Madison Square Garden, Dec., 1910. Eggs, \$5 per sitting. B. C. Roecker, Phillipsburg, N. J. 3-5-1

WILSON'S BUFF ORPINGTONS have great size, type and color. Win at Ohio's leading shows. Eggs at reasonable prices. Mating list. Frank Wilson & Son, Route 8, Doylestown, Ohio. 1-3-1

BUFF ORPINGTON BABY CHICKS. White Orpington eggs. Square Deal Poultry Farm, Plano, Ill. 3-5-1

S. C. BUFF ORPINGTON EGGS. Cook strain. Utility laying stock, \$2 per 15. Michel Kirtland, Box 216, White Plains, N. Y. 3-5-1

ORPINGTONS—WHITE

WHITE ORPINGTONS of Quality. Winners of 11 firsts and 2 cups. Eggs and stock. Mating list. Sheldon Wolf, Washington, Pa. 3-3-1

SINGLE COMB WHITE ORPINGTONS. Imported direct from William Cook of England. Also Crystal White Orpingtons. Eggs from large vigorous snow white, heavy laying stock, \$3.00 to \$5.00 per 15. Mrs. J. H. Weaver, Winimac, Ind. 4-5-1

SNOW PRINCE STRAIN. White Orpingtons. Prize winners at Rochester, Elmira, etc. Have color and size. Eggs \$3, \$5, \$7 per 15. Baby chicks. Get your order in early. 10 cockerels cheap. F. N. Dounce, Elmira, N. Y. 3-4-1

KELLERSTRASS CRYSTAL WHITE ORPINGTON Cockerels, \$5.00. C. E. Moyer, R. D. 3, Pleasant Plains, Ill. 1-2-1

WHITE ORPINGTONS. Eggs from prize winners, three dollars per fifteen. Vinson Brothers, Washington, Pa. 1-2-1

WHITE ORPINGTONS of the right sort. Eggs from prize winning stock. Mating list free. Henry Sider, Middleport, N. Y. 3-4-1

WHITE ORPINGTON EGGS, \$3 per 15. Satisfaction guaranteed. Arlington Poultry Yards, 133 Grandy, Detroit, Mich. 2-3-1

"KUM BAK" WHITE ORPINGTONS. Kellerstrass. Single Comb. Eggs and Chicks from high scored stock. Write for matings and prices. Erwin D. Baker, Andover, N. Y. 3-4-1

S. C. CRYSTAL WHITE ORPINGTONS. Kellerstrass Strain. Eggs for hatching \$5.00 per 15 from prize winners Chicago, Springfield. Write for mating list. D. W. Shelley, Williamsville, Ill. 3-4-1

WHITE ORPINGTONS, Rose and Single Combs. 1st prize winners, Madison Square, Kansas City, Allentown, Buffalo. Cockerels, Baby Chicks, Eggs. Circular free. Robert Farleigh & Son, East Bangor, Pa. 3-4-1

CRYSTAL WHITE ORPINGTON EGGS. From birds hatched from Kellerstrass \$30.00. Matings, \$4.00 for 15 eggs. Joseph Chamberlain, 2100 Grand Ave., Des Moines, Ia. 1-3-1

ROSE AND SINGLE COMB WHITE ORPINGTONS. The most popular bird of today. Eggs for hatching from grand birds, great layers of large eggs. Stock for sale. Orchard View Poultry Farm, Apalachin, N. Y. 3-5-1

INDIANAPOLIS AND COLUMBUS, IND., 1911. Won 5-1, 3-2, 5-3. Stock better than ever. Eggs for sale. Reasonable prices, quality considered. Write for catalogue. T. H. Rynerson, Moores Hill, Ind. 4-6-1

WHITE ORPINGTON EGGS. My specialty, Kellerstrass, Cook and Philo Strains. \$3.00 and \$5.00 per 15 eggs. John Rustin, Monsey, N. Y. 1-3-1

KELLERSTRASS WHITE ORPINGTONS. Eggs, best matings, \$3, sitting. Earl Pemberton, Roseville, Ohio. 1-3-1

COOK STRAIN WHITE ORPINGTONS—Cockerels, \$5. Eggs \$3 per 15. Boneka Farm, Valley Falls, N. Y. 1-3-1

WHITE ORPINGTON EGGS from prize winners, \$3.00 per thirteen. Cockerels for sale. Wilmot Davis, 41 Albion St., Montello, Mass. 1-3-1

WHITE ORPINGTONS EXCLUSIVELY. The blocky type and White. None better at any price. Eggs, \$3.00 for 15; \$5.00 for 30. Geo. Chapman, Linesville, Pa. 1-3-1

S. C. WHITE ORPINGTON COCKERELS for sale, 7 to 8 pounds. Cooks and Kellerstrass Strain, price \$3 to \$5. Harry E. Bostwick, Verbank Village, N. Y. 1-3-1

WANTED—Kellerstrass White Orpington and S. C. Rhode Island Red Pullets. Write, giving description and lowest prices. W. E. Davis, Point Pleasant, Mo. 1-3-1

EGGS from best S. C. White Orpingtons ever produced. Unexcelled winter layers. Price, 15-33.00. B. F. Harlan, Punxsutawney, Pa. 1-3-1

CRYSTAL WHITE ORPINGTONS. Eggs from selected matings, \$5, \$3 and \$2 per 15; \$5.50 per 50; \$10 per 100. White Feather Farm, New Bremen, Ohio. 3-5-1

COOK AND KELLERSTRASS, S. C. White Orpingtons, the big egg layers, 5 pens choice stock. Eggs for hatching. Send for mating list. F. G. Stone, Lockport, N. Y.

WHITE ORPINGTON FARM, Niobe, N. Y. Pens contain birds from Kellerstrass \$30 matings. Eggs from prize birds, \$2.50 and \$1.50 per 15 eggs. Free circular. 1-3-1

CRYSTAL WHITE ORPINGTONS. Day old chicks and eggs. Prize winning birds with the laying habit. Mrs. F. A. Wilcoxson, 40 Norwood Ave., Norwalk, O. 1-3-1

WHITE ORPINGTONS. Cook and Philo Strains. \$3 per sitting. H. Cleveland, 15 Lincoln Ave., Rutland, Vt. 3-5-1

ORPINGTONS—SEVERAL VARIETIES

WILLIAM COOK & SONS, Originators of all the Orpingtons, Box W, Scotch Plains, N. J. For the best Orpingtons, any variety, it is natural you must send to their Originators. Send 10c for Illustrated Catalogue, just out, with history of Orpingtons and hints on poultry keeping. 12-10-1

S. C. BUFF AND WHITE ORPINGTON cockerels. Good breeders, Buff pullets. Reasonable prices. Eggs \$3 per sitting. Mrs. Lorena Steele, Galena, Ohio. 3-3-1

LOW DOWN, BLOCKY BUFF OR WHITE ORPINGTONS. Best strains represented, color right, 15 eggs, \$3.00; 30 for \$5.00. Barney Daniels, Lorain, Ohio. Box A. 3-5-1

"THREE STAR" strain of White, Buff and Black Orpingtons. Bred from Blue Ribbon winners of Kellerstrass and Cook Strains. Eggs, \$3 to \$10 per 15. "Three Star" Poultry Farm, Branchville, Md. 1-3-1

SINGLE COMB BLACK AND WHITE ORPINGTON and Houdan eggs, \$1.00 and \$2.00. 4th Boston Cock at head of White Orpingtons. H. M. Merriam, Ashburnham, Mass. 3-5-1

SCHAAF'S QUALITY BUFF ORPINGTONS have won the Blue this season at New York, Philadelphia, Baltimore, Richmond and Augusta, Ga. Both Rose and Single Comb, traped, bred-to-lay, weigh and pay. Guaranteed eggs for hatching \$2.50 and \$5.00 per fifteen. Also two pens of Crystal Whites. Prize and mating lists free. Walter C. SchAAF, 426 E Broad St., Richmond, Va. 3-5-1

S. C. BLACK AND WHITE ORPINGTONS are noted for their sterling qualities. Have won wherever shown. Eggs for sale. Prices reasonable. Midland Farm, Sacramento, Pa. 2-4-1

PLYMOUTH ROCKS—BARRED

PARK'S 200 EGG BARRED ROCKS. Pens headed by son of "Viola", record 236 eggs. Hens with records 242 and 238 eggs. Descriptive circular free. Eggs \$1.50 for 15. Frederick Matteson, 3838 Woodley Lane, Washington, D. C. 3-3-1

BARRED PLYMOUTH ROCKS. The finest ever offered for the money. Line bred, stock and eggs for sale. H. Pfannkuchen, College Hill, Ohio. 3-3-1

GOWELL BARRED ROCK EGGS \$1.50 per 15. From hens that laid 160 eggs and upward in pullet year. Stock selected from winters heaviest layers. Steingrebe Bros., 200 Chestnut St., No. Syracuse, N. Y. 3-4-1

WIRTH'S BARRED ROCKS. Eggs from prize winners. Write me your wants. Louis Wirth, R. 5, Princeton, Ind. 3-4-1

PULLET LINE BREEDING BARRED ROCKS. Eggs from utility and exhibition quality fowls. D. S. Brownell, Springfield, Vt. 3-4-1

BRADLEY STRAIN BARRED ROCKS. Heavy winter layers. 3 pens choice stock to select eggs from. Send for mating list. F. G. Stone, 24 Franklin Ave., Lockport, N. Y.

BARRED ROCKS. Hawkins and Thompson strains. Wonderful layers. Two pens of ten hens each laid 369 eggs in January. Eggs, \$2.00 per 15; \$5.00 per 45. A few choice April hatched pullets at \$3.00 each. A. G. Stauffer, Palmyra, Pa. 3-5-1

E. B. THOMPSON'S RINGLETS. Extra choice eggs, big vigorous stock, bred from winners best New York winning blood from proven breeders. I have spared neither pains nor money. Elmira, 1911, first cockerel, first pen, first-fourth pullet, third hen. Wm. S. Huckle, Waverly, N. Y. 3-5-1

BARRED ROCKS. Send for mating list New York winning strain. Eggs and baby chicks. Chas. F. Kenney, R. 21, Danbury, Conn. 3-4-1

BARRED ROCKS. Hawkins Strain. Large vigorous, standard bred. Fine matings. Orders carefully filled and shipped promptly. Eggs \$1.00 per sitting. J. P. Irvin, Curwensville, Clearfield County, Pa. 3-5-1

A LIMITED NUMBER OF THOROUGH-BRED Choice Barred Rock Cockerels, big vigorous fellows, with good shape and color, \$2.50 and up. Member of Utica Poultry Association. C. M. Van Auken, Fairfield, N. Y. 3-5-1

E. B. THOMPSON AND BRADLEY BROS. STRAIN. Ringlet Barred Rocks. Invincible at the world's greatest shows. Stock for sale. Eggs, \$1.50-15; \$2.50-30; \$5.00-100. Chicks 12c each. W. H. Beck, Sherburne, N. Y. 1-3-1

SPECIAL MATING RINGLET EGGS, containing sons of first New York cockerel, Madison Square Winners. Circular free. Yale Bartholomew, Wyncote, Pa. 3-5-1

MR. E. W. PHILO of the Philo System, Elmira, N. Y., recently visited our poultry yards on his way to Florida. We have been breeding Barred Plymouth Rocks exclusively for fifteen years. If you wish to know what Mr. Philo said about our birds, write for a copy of our circular containing a copy of his signed statement. If you desire quality, write for prices of eggs for sitting purposes. Orders being booked now. Address, Jefferson Poultry Yards, C. H. Shipman, Prop., Dept. W, Leesburg, Va. 1-3-1

PULLETS; thirty nice clear cut, well barred, now laying, \$1.50. Money back if not satisfied. C. O. D. for ¼ deposit. George Phillips, Waterloo, N. Y. 1-3-1

BARRED ROCKS. Ringlet and Welles strains direct. Bred free range, 225 acre farm. Eggs \$1 and \$2. Rockaway Farm, Dexter, Me. 1-3-1

PLYMOUTH ROCKS—BUFF

BUFF ROCKS OF QUALITY. Wiberley's Buff Rocks are money makers. Eggs and fowls in season. W. J. Wiberley, Peekskill, N. Y. 6-7-1

LOCUST SHADE BUFF ROCKS. World's Best Strain. Winners at Hagerstown, Reading, Norristown, Philadelphia, Womelsdorf, including silver cups. Eggs, \$1.00 and \$2.00 per 15. Send for list. W. B. Miller, Box W, Douglassville, Pa. 3-4-1

BUFF ROCKS. Poley Strain. Winners State Fair, Pulaski and Utica. Circular. Eggs from best pen, \$2.50 per 15. Utility, \$1.50 per 15. H. Augustus Eiler, 412 Prospect Ave., Syracuse, N. Y. 3-5-1

BUFF ROCKS. The exceptional kind. Indiana, Kentucky and Ohio State show ribbon takers. Fifteen FERTILE eggs, Five Dollars. Neel McCullough, Anderson, Ind. The Quality Breeder. 3-5-1

KERLIN'S EVERGOLD BUFF ROCKS. American great winning strain. At the great Philadelphia show, 1909, won second largest display; Hagerstown, 1910, Mount Holley, N. J., West Chester and Reading, Pa., more first and specials than all our competitors combined. Eggs and Baby Chicks from choice matings. 7 cockerels, 2 cock birds for sale. Mating list free. Kerlin's Farm, Box 28, Douglassville, Pa. 1-3-1

PLYMOUTH ROCKS—Columbian

COLUMBIAN PLYMOUTH ROCKS. First cock, winner at Madison Square heads my pen. Clifford Parshall, Waverly, N. Y. 3-3-1

PLYMOUTH ROCKS—WHITE

LOCUSTCROFT WHITE ROCKS. Tolman, Owen Farm Strain. Selected eggs, \$1.50 per 15, \$7 per 100. Locustcroft, Rehoboth, Mass. 4-4-1

WHITE ROCKS ONLY. If you want nice cockerels, large, strong bone, yellow legs, nice low combs, write for prices. Eggs from most typical birds for sale. Enclose stamps for postcards. F. P. Klotz, Neffs, Pa. 3-3-1

WHITE ROCKS. Average 170 eggs, \$2.00 per 15. Rev. Burger, Liberty Center, Ohio. 3-3-1

MY WHITE ROCKS won Gold Medal as Grand Champion and two cup Specials at Illinois State Show 1911. Eggs from prize winners. A. B. Constandt, Williamsville, Ill. 3-4-1

WHITE ROCKS. Fishels. 30 hens averaged over 232 eggs each. Eggs from our pedigreed heavy layers will start you right. Prices reasonable. Circular. L. S. Mason, Boothwyn, Pa. 3-4-1

WHITE PLYMOUTH ROCK eggs for hatching from bred to lay birds, trap nested past six years, fresh air housed. From pens including winners of 12 out of possible 17 blue ribbons at Troy, Cambridge and Syracuse, 1910. Breeding stock for sale. Wm. H. Carr, 543 Myrtle Ave., Round Lake, N. Y. 3-4-1

KNAPP BROS. White Rock Poultry Yards. Stock, Eggs and Baby Chicks from 1910 blue ribbon winners. Write for prices. Lithium, Mo. 3-4-1

RENTZEL'S WHITE ROCKS. Owen Farm strain. Stock, eggs and chicks. P. E. Rentzel, Dover, Pa. 3-5-1

WHITE ROCKS. Standard-bred from approved egg laying strain. A few choice cockerels left. Eggs, \$3 per 15. White River Poultry Yards, Rivervale, Ind. 3-5-1

WHITE ROCKS. Noted Fishel Strain. Standard bred, pure white, splendid layers. Eggs carefully packed and shipped promptly. \$1.00 per sitting. J. P. Irvin, Curwensville, Clearfield County, Pa. 3-5-1

FOR SALE. 40 Choice Utility White Rock Pullets. Good layers. On account of other business am compelled to sell at once, \$1.25 each. H. K. Stormont, Xenia, Ohio. 1-3-1

VALLEY POULTRY FARM. Breeder of pure White Plymouth Rocks. Eggs for sitting, \$2.50 per 15 eggs. 10 per cent. off for 50 eggs and upwards. H. P. Paul, Prop., Tully, Mass. 2-4-1

HIGH-CLASS WHITE ROCKS. Fishel strain direct. 15 eggs \$1.00; 100-\$5.00. Henry Heitkamp, New Bremen, Ohio. 3-5-1

WHITE PLYMOUTH ROCKS. No. 1 cocks, hens, cockerels and pullets for sale. Eggs for hatching from exhibition stock. Grey Stone Strain. Dr. E. E. Reynolds & Son, Schenectady, N. Y. 3-5-1

EXTRA FINE WHITE PLYMOUTH ROCKS, from U. R. Fishel's very best stock. Eggs, \$1.25 per 15; \$6.00 per 100. H. G. Hall, Little Valley, N. Y. 3-5-1

WHITE ROCKS. Eggs, \$2.00 and \$3.00 per sitting, from birds sired by Boston and Madison Square winners. Bucyrus show I won 2nd cockerel, 3rd pullet. 200 egg-laying strain. Write me. Harry B. Kanode, Bucyrus, Ohio. 2-4-1

PLYMOUTH ROCKS—PARTRIDGE

PRIZE WINNING PARTRIDGE ROCKS—Eggs \$2.50 per 15. Mrs. Jesse Alexander, Altoona, Ia. 3-5-1

EIGHT PARTRIDGE ROCKS, \$15. Bred from Madison Square Champions, including first pullet, first cockerel, Trenton. Yale Bartholomew, Wyncote, Pa. 1-3-1

PARTRIDGE ROCKS. Nofztger Strain. Won first cockerel, second and fifth pullet, Buffalo, 1911. Eggs in season. M. Alfred Illing, 1270 Bailey Ave., Buffalo, N. Y. 1-3-1

PARTRIDGE PLYMOUTH ROCKS. Chicago, St. Louis, Detroit winners, also won 9 regular prizes on 9 entries, late Buffalo show. Young and old stock. Eggs \$3 to \$5 per 15. James Lamkin, Mt. Pleasant, Mich. 1-3-1

PLYMOUTH ROCKS Several Varieties

HIGHLAND QUALITY ROCKS. White and Barred. Stock, eggs and chicks, write just what you want, we will try to please. Highland Farm, York, Pa. 12-7-11

E. B. THOMPSON'S RINGLET STRAIN Barred Rocks, Cockerel and pullet matings. Buff Rocks, solid Buff. White Rocks, Fishel's. 15 eggs \$1.00; 100-\$5.00. H. D. Pinckney, Mahopac, N. Y. 3-5-1

PLYMOUTH ROCKS—SILVER

SILVER ROCKS, one yard only headed by first cock at late Boston show. Eggs \$3.00 for 13. H. Rudge, Gt. Barrington, Mass. 1-3-1

POLISH

WHITE CRESTED BLACK POLISH. Snowball strain. Handsome mating list and catalogue free. Snowball Poultry Yards, Ft. Wayne, Ind. 4-5-1

KELLY'S WHITE CRESTED BLACK POLISH. Was "It" at Buffalo show, 1911, won cup for best three pens in show. Cup for best display. Special for hen in show. Special for best colored female. Catalogue. Will J. Kelly, Cambridge Springs, Pa. 3-5-1

POLISH. When in doubt, buy Smith's White Crested Black Polish. None better. Eggs in season, \$2.00 for 15; \$3 for 30. Satisfaction guaranteed. For prize record, write Rufus Smith, Afton, N. Y. 3-5-1

RHODE ISLAND REDS

CARVER'S QUEEN QUALITY REDS. Deep dark velvet Reds with long bodies and red eyes. Eggs, one sitting \$2.00, three sittings \$5.00 always. See advertisement page 330. Both Combs. A. A. Carver, Chardon, Ohio. 12-12-0

ROSE COMB RHODE ISLAND REDS. Winners at New York, Boston, Philadelphia, Allentown, Trenton, Hagerstown and wherever shown. Eggs for hatching. Send for booklet showing matings and winnings. Louis Anderson, Bloomsbury, N. J. 5-5-1

ROSE COMB REDS of quality. The kind that win, lay, weigh and pay. Tuttle Strain. Bred from winners. Utility eggs 15-\$1.00; 100-\$4.00. Cockerels cheap. Circular free. R. C. Hinkle, Oakland, Kan.

SINGLE COMB RED COCKERELS \$2. Eggs, sitting \$1 to \$3. Bred to lay stock. A. T. Hixon, Continental, Ohio. 3-3-1

LESTER TOMPKINS' STRAIN RHODE ISLAND REDS. Both Combs. Bred to lay and exhibit. Stock for sale. Eggs for hatching, \$1.00 per fifteen, \$6.00 per hundred. J. M. Drumm, Mercersburg, Pa. 3-4-1

RHODE ISLANDS. Single Comb, eggs \$3.00 and \$5.00 per 15. Rose Comb \$2.00. Single Comb Cockerels \$3.00 up. Henry Reynolds, Peerless Yard, 2186 E. 43rd St., Cleveland, Ohio. 3-4-1

ROSE COMB RHODE ISLAND REDS. Tuttle Strain, best in the country. Ours are the early maturing and heavy laying strain. Nothing better. Eggs, \$2.00 for 15. Book early. Marguerite C. Shane, Grand Ledge, Mich.

IF YOU WANT EGGS THE YEAR AROUND, get our strain of S. C. Rhode Island Reds. Eggs from choice, free range, utility flock, a specialty at \$1.50 per 15; \$7.50 per 100. From special pens, \$3 to \$5. Satisfaction guaranteed. Send for mating list. Crehore Bros., Lorain, Ohio. 1-3-1

R. C. RED EGGS, \$3.00, \$1.50 per sitting. James Madden & Son, Greenville, Pa. 1-3-1

S. C. RHODE ISLAND REDS. Heavy laying strain, good size, shape and color. Bred from winners. Eggs, \$1.50 and \$2.50 for 15. H. A. Robinson, Seelyville, Pa. 3-5-1

ROSE AND SINGLE COMB RHODE ISLAND REDS and Single Comb Buff Leghorns. Winners at Rochester, Auburn. Eggs, \$3.00 and \$2.00 per 15. John A. Ross, Geneva, N. Y. 3-5-1

ROSE AND SINGLE COMB RHODE ISLAND REDS. Large vigorous birds, bred to lay. Fertile brown eggs from selected stock, \$1.50-15; \$6.00-100. F. R. Brownell, Little Compton, R. I. 3-5-1

RHODE ISLAND REDS. Rose and Single. Eggs, \$2-15; \$5-50. Utility eggs, \$7-100; \$65-1000. See advertisement on page 441. W. S. Harris, Mansfield, Mass.

ROSE AND SINGLE COMB REDS. Eggs from winners at Boston, Brockton, Worcester, Troy, Brattleboro and other leading shows. Stock for sale. Excellent layers. Prices reasonable. Mating list free. Pleasant Hill Poultry Yards, Athol, Mass. 2-4-1

ROSE COMB RHODE ISLAND REDS. List now ready showing winnings at Paterson, Easton and Rutherford. The kind that bring profit. Wm. L. Hunderdmark, Paterson, N. J. 1-3-1

ROSE COMB REDS. Tuttle Strain. This season's winnings on 12 entries at New York City and Trenton State Fairs, Orange, Paterson and Washington. Seven firsts. Specials for shape, color and best red female. Eggs, \$3.00 and \$1.50 for 15. J. H. Woodruff, Athol, N. J. 3-5-1

EGGS FOR HATCHING. Single Comb Rhode Island Reds. Five pens, selected females headed by "Aristocrat" strain males. One to five dollars per fifteen. A. P. Reinhart, Shepherdstown, W. Va. 3-5-1

S. C. RHODE ISLAND REDS. Great layers, fine color. Eggs, \$1.50 per 15. R. D. Reider, Middletown, Pa. 3-5-1

EXCELSIOR STRAIN S. C. RHODE ISLAND REDS. Eggs, \$2.00 per sitting. Exhibition stock. Utility stock, \$1.00 per 15; \$5.00 per 100. Excelsior Poultry Farm, R. F. D. 1, Allendale, N. J. 3-5-1

RHODE ISLAND REDS. Rose Comb Strain from Sherman, Newport, Rhode Island. Winners at Warren, Pa. First pen, first cock and first and third cockerel, all that was shown. Eggs, \$2.00 per 15. Siegfried's Farm, Warren Co., Akeley, Pa. 3-5-1

S. C. REDS. Eggs from selected matings, \$3.00. Utility, \$1.00; \$5.00 per hundred. Fertility guaranteed. Chestnut Hill Farm, Warren, Pa. 2-4-1

ROSE COMB RHODE ISLAND REDS Exclusively. Eggs, \$1 and \$2 for 20; \$4 per 100. Rev. L. O. Akeley, Sinclairville, N. Y. 3-5-1

RHODE ISLAND REDS. Winter layers, \$2 per sitting. H. Cleveland, 15 Lincoln Ave., Rutland, Vt. 3-5-1

WOODBINE SINGLE COMB REDS. Eggs from prize winning stock. Prices reasonable. Woodbine Poultry Yards, 444 South Alvord St., Syracuse, N. Y. 1-3-1

WYANDOTTES—BLACK

BLACK WYANDOTTES. Boston, New York, Chicago, Cleveland Winners. Howard Grant, Marshall, Mich. 3-4-1

WYANDOTTES—BUFF

BUFF WYANDOTTES. "Golden Glow" Strain. Won 1st on Cockerel and 3rd on pen at the Great Madison Square Garden Show, New York, 1909-1910. Stock and Eggs for sale. Address, Theodore S. Hewke, Middletown, N. Y. 12-3-1

BUFF WYANDOTTES. Eggs, \$2.00 per 15. Square deal guaranteed. Thendara Farm, Goshen, N. Y. 1-2-1

BUFF WYANDOTTES. Dr. Sanborn, heavy laying strain. Winners. Rich golden buff. Eggs \$2.00. H. G. Brunner, Zionsville, Pa. 3-4-1

BUFF WYANDOTTES. Some of the winners at 1910 New York show were bred by me. Stock and eggs for sale. Mrs. W. F. Nelson, Shushan, N. Y. 3-5-1

WYANDOTTES—COLUMBIAN

COLUMBIAN WYANDOTTE PULLETS \$2.00. Good stock, some prize winners. Breeding pens \$12.00. Closing out. Elizabeth R. Story, Chester, N. Y. 2-3-1

COLUMBIAN WYANDOTTES EXCLUSIVELY. The kind that win. Eggs from prize winners, \$1.50 per 15. S. F. Welsh & Son, Greencastle, Pa. 3-4-1

COLUMBIAN WYANDOTTES. General utility strain. Eggs from choice pens, \$1 per fifteen. L. T. Hedeler, Meriden, Conn. 2-4-1

COLUMBIAN WYANDOTTES. Madison Square Garden Winners. Eggs, \$2 and \$3 per fifteen. Frank A. Coles, Glen Cove, N. Y. 3-5-1

COLUMBIAN WYANDOTTES. Keating Strain. Win at Allentown, September 1910 fourth cockerel, also at Elmira, Jan. 1911 first cock, first hen, first cockerel, second pullet and third pen. Again we claim to have shape, size and as strong color lines as any breeder. Eggs and stock in season. Louis Westfall, Waverly, N. Y. 3-4-1

WYANDOTTES—GOLDEN

GOLDEN WYANDOTTE eggs and chicks from prize winners. Prices reasonable. C. Roy Dimm, Muncy, Pa. 3-4-1

GOLDEN WYANDOTTE Eggs for hatching from prize winners. C. E. Hathaway, Barnes, Pa. 1-3-1

WYANDOTTES—PARTRIDGE

WE OWNED UP TO AUGUST 22nd, and have had for 5 years in our breeding pen, the Partridge Wyandotte Hen that won 1st premium in 6 shows out of 7 exhibited this fall in the hands of our customers. Stock for sale. Special pullet and cockerel matings. Eggs \$3-15; \$5-30. Farm range flock \$1.50-15; \$2.50-30. Ravine Poultry Farm, Almond, N.Y.

PARTRIDGE WYANDOTTES. Second cock, second hen, State Fair, Syracuse, 1910. Winners at many other shows. Eggs, \$3.00 and \$5.00 per 15. Square deal guaranteed. Thendara Farm, Goshen, N. Y. 1-2-1

PARTRIDGE WYANDOTTE eggs \$1.00 per 15. Circular free. Wm. Shreve, Uhrichsville, Ohio 4-5-1

PARTRIDGE WYANDOTTES. Big Winners. Eggs guaranteed. Mating list free. J. E. Leighninger, West Lafayette, Ohio. 1-3-1

FOR SALE. Five Partridge Wyandottes, buff strain, to close at a bargain. Inquire, Chas. A. Sweet, 1040 Delaware Ave., Buffalo, N. Y. 1-3-1

WYANDOTTES—SILVER LACED

SILVER LACED WYANDOTTES up to Standard. Eggs from blue ribbon winners, \$2.50 per 15. Guaranteed. Maple City Poultry Yards, Geneseo, Ill. 3-4-1

BECKETT SILVER WYANDOTTES have been Blue Ribbon winners for 20 years at America's leading shows. Choice stock and eggs in season. A. T. Beckett, Salem, N. J. 9-10-1

SILVER WYANDOTTES. Cockerels, Pullets. Eggs, \$1.50 per 15. J. H. Gettings, Hillsdale, Mich. 3-4-1

WYANDOTTES—WHITE

MILLER'S WHITE WYANDOTTES have won more prizes than any other strain in Pennsylvania. Winners for sale. A. Arwin Miller, McKeesport, Pa. 6-3-1

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A CORRECTION

In the New York Show notes published in our February issue mention is made of Wm. F. Fotherall as an exhibitor of Partridge Wyandottes. It should have read Partridge Plymouth Rocks of which Mr. Fotherall has been a pioneer breeder. He is recognized as one of the foremost breeders and exhibitors of this variety, and birds of his breeding have won for himself and his customers at the leading shows of the United States and Canada. Partridge Rocks are coming to the front as a popular variety, and the improvement that has been made in shape and color by breeders of Mr. Fotherall's type have made them what they are today.

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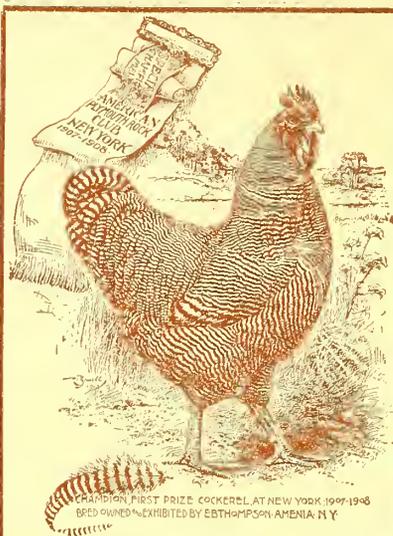
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