

AMERICAN POULTRY WORLD

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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

158 Pearl St., BUFFALO, N. Y.

President GRANT M. CURTIS
Vice-President A. O. SCHILLING
Secretary-Treasurer WM. C. DENNY

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.

45,000 COPIES PER MONTH

It is positively guaranteed that during the year ending April, 1913, the AMERICAN POULTRY WORLD will circulate an average of forty-five thousand (45,000) 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.

47,000 FOR FEBRUARY 1913

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-seven thousand (47,000) copies of the February, 1913, number of the AMERICAN POULTRY WORLD.

E. D. CORSON.

C. B. KOON, Commissioner of Deeds.

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NOTICE TO ADVERTISERS

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 FIFTH OF THE MONTH AND ALL ADVERTISING COPY MUST BE RECEIVED NOT LATER THAN THE FIFTEENTH OF THE MONTH PRECEDING DATE OF ISSUE.

KING & TAD FOWL
QUEEN & BROWN EGGS



MALINES

Black and White



Our yards contain winners at the Crystal Palace Show. A number of imported birds for sale. Write for prices and book on this great utility fowl. It's free for a stamp.

MANHATTAN FARMS, Box B, BRIGHTON, N. Y.

THE BIG QUESTION

Why do I, after over 20 years of breeding and experimenting with many varieties recognized in the American Standard, now recommend and breed exclusively the

CAMPINE FOWL

and call them, "Living Egg Machines"? Because I do honestly consider that they have in them six characteristics to a greater extent than any other breed of fowl in the world to-day: 1. Prolificacy; 2. Size of Eggs; 3. Number of Eggs Laid; 4. Hardiness; 5. Small Amount of Food Consumed; 6. Last But Not Least Their Beauty. Now won't you let me tell you more about these wonderful fowl which are "Living Money Makers," also be sure and notice large ad. on page 360 telling you about Campinology the classiest and most complete work ever attempted on Campines (ten cents to pay postage will be appreciated.)

J. Fred N. Kennedy, Box B, Birch Cliff, Ontario, Canada





PUBLISHERS' DEPARTMENT



During the past few months thousands of new subscribers have been added to our subscription list. The greater percentage of these are people who have recently become interested in poultry raising and probably with but few exceptions will become regulars in the vast army of poultrymen and women. Many of these already keep a few chickens, others are raw recruits who have had their interest aroused in the opportunities offered in the poultry industry by the many interesting and attractive poultry exhibitions held during the season just drawing to a close.

We believe every one of these new recruits who are so situated and whose circumstances will permit, will become buyers of stock or eggs during the coming season. To each and every one, we wish to recommend the advertisers in AMERICAN POULTRY WORLD, all of whom to the best of our knowledge and belief, are thoroughly reliable, otherwise their announcements would not appear in these columns.

Taking it for granted that you have decided upon the breed or variety that you will take up, the next thing is the selection of a breeder with whom to place your order. On this point our advice would be to write to several advertisers for their catalogues or circulars, which should be studied carefully and then use your own judgment in making your selection. Send in your order and if for eggs for hatching or baby chicks, state when you would like delivery made. Don't be unreasonable in your demands. Don't expect fifteen chicks from fifteen eggs. Don't expect that you will raise every chick hatched or purchased. Remember that when the advertiser delivers your eggs or chicks in good condition that he has done his part and subsequent ill luck or bad management on your part can not be charged to him. Above all be reasonable.

If you run into trouble and need assistance remember that AMERICAN POULTRY WORLD is always ready to lend a helping hand and will give you helpful advice that will assist you to make a success of your venture with poultry. When a personal reply is desired a two-cent stamp or a self addressed stamped envelope should be inclosed with your letter.

There are several books in our library of popular poultry publications that are particularly appropriate at this season of the year. First among these we would recom-

mend "Artificial Incubation and Brooding", a complete treatise on the use of incubators and brooders. It tells you in plain language all about the intricate subject of artificial incubation and brooding and insures your success if you will but follow its teachings. It contains 96 pages with many instructive illustrations and is sent postpaid upon receipt of 50c. Next comes "The Chick Book", a compendium of valuable information that explains both natural and artificial methods of rearing chicks and thoroughly covers the subject from shell to maturity, giving in detail the best rations for each stage of chick life, also those calculated to induce quick development where it is desired to raise broilers. A copy of this book will give you the information that would require years of experience for you to acquire. We send it postpaid upon receipt of 50c. Order a copy today and if not as represented it may be returned and the full purchase price will be refunded. This applies to all our books.

After hatching your chicks you need houses and brood coops to keep them in. A copy of "Poultry Houses and Fixtures", the leading book on poultry house architecture, will describe and tell you how to build brood coops, laying and breeding houses, incubator cellars, brooder houses and many appliances needed on every well regulated poultry plant, together with a bill of material with which you can readily ascertain the cost of the contemplated addition to your plant. This book is also sent postpaid for 50c.

On page eight will be found what we believe is one of the greatest offers ever made to readers of poultry literature. It consists of a three year subscription to AMERICAN POULTRY WORLD and a copy of The Poultry Book, which contains over 1,300 pages and weighs over three pounds and was originally made to sell for \$13.00. The volume we offer is nicely printed on a thin super paper, profusely illustrated and bound in an attractive red cloth binding and is made to stand rough usage. We send you a copy of this great book and enter your name for a three year subscription to AMERICAN POULTRY WORLD for \$2.00.

Particular attention is directed to the advertising of the many different incubator manufacturers in this issue. Each of these concerns issue an attractive catalogue for free distribution. They not only describe the machine and appliances manufactured by each concern but they also contain a vast amount of helpful information on the different phases of poultry raising. Most of these catalogues contain more instructive matter than many of the poultry books for which a price is asked, it is therefore, apparent why you should write today to each of the several different concerns and ask for a copy of their catalogue which is free.

MONMOUTH QUALITY

At the great S. I. P. A., Atlanta, Ga., Show, December 16-21, was keenly demonstrated by the sweeping victory of *Monmouth S. C. Buff and White Leghorns*. In Whites won—1, 2, 3 cock; 1, 2, 5 hen; 2, 3, 4, 5 cockerel; 1, 2 pen and *Champion and Sweepstakes Cock of the Show*. In Buffs won—2, 3, 4, 5 cock; 1, 2, 4, 5 hen; 2, 3, 5 cockerel; 1, 3, 4, 5 pullet; 2, 3 pen. Also two silver loving cups and many specials. These winnings were made in competition with the cream of the Southern States and the result speaks for itself. A grand lot of exhibition and utility birds in both varieties on hand. We are booking egg orders and you cannot afford to wait so write us at once stating your wants. Our matings this season are superb. Our 1913 Catalog and Mating List will be ready for mailing about February 1st.

First S. C. Buff Leghorn Pen, fifth year in succession Madison Square Garden, N. Y., (our only entry.)

NOTE.—Send 25 cents for a reproduction in colors of Schilling's wonderful oil painting of the greatest trio of S. C. Buff Leghorns ever bred. A masterpiece worth having.

Monmouth Farms,

J. C. PUNDERFORD, Owner

Freneau, Mon. Co., N. J.

THOMAS LOCKWOOD, Supt.

TOMPKINS WORLD CHAMPION Single and Rose Comb RHODE ISLAND REDS

Their record, extending over several years, at Madison Square Garden, America's Greatest Show proves conclusively that they are the **Undisputed Champions of the World.**

A prize at this premier show is coveted by every fancier. You look forward to the time that you may achieve this honor. Why not reach the goal this season?

TOMPKINS REDS WILL DO IT FOR YOU

Never before in my career as a breeder have I produced as many promising birds as this year. The quality produced by this season's matings is simply marvelous. I have hundreds of birds approaching maturity that will be "fit as a fiddle" for the early shows, and hundreds more growing that can turn the trick at the later ones. Let me put you in the winning class. Write at once for prices.

LESTER TOMPKINS,

Box w,

CONCORD, MASS.

Christie's S. C. White & Brown Leghorns

Having been bred for thirteen consecutive years, represented in every State in the Union, Austria, South America, Bermuda and Canada, they stand today without an equal as egg producers, the foundation upon which all branches of the Poultry Industry hinge. Would thousands of our pleased patrons place increased orders with us year in and year out if our birds were not as we represent them. There can be only one answer to the above question, and that is "NO". Then why ponder, when we offer Day-Old-Chicks and Eggs for hatching, from the World's greatest layers? "Better be right than sorry". Write today for our illustrated catalogue.

WAYNE POULTRY FARM,

F. W. Christie, Proprietor,

Box 67,

Stony Point, N. Y.

S. C. White and Brown Leghorn Chicks—\$15.00 per 100.

Get All My 1913 Improvements in This Great Peerless Incubator



DO not think of buying any incubator anywhere until you have learned about the marvelous improvements I have perfected this year. Make no mistake. You want the machine which hatched 2,200 chicks from 2,400 eggs for A. Groshell, of Tacoma. You want the machine which hatched 2,156 Pekin Ducks and 540 Chicks for Wm. Redeker. He says he lost less than 5% of ducks and chicks hatched.

100,000 poultrymen are Peerless enthusiasts—every one a successful poultry raiser, everyone making handsome poultry profits, every one a Peerless booster.

Peerless records everywhere are the sensations of the poultry world. There's no taking chances with a Peerless—no guess work. If there's a chicken in an egg, a Peerless will hatch it.

Peerless Incubators

Are the Best on Earth

This Is Why: Peerless Incubators are made with my famous Acme Automatic Fixtures. For over twenty years the most successful men in the poultry business have used Acme Fixtures. The very latest and best that my skill and experience can produce—my 1913 improvements are all yours in a Peerless Incubator.

- The Peerless Automatic Vapor Heating System.
- The Peerless Automatic Moisture System.
- The Peerless Automatic Ventilating System.
- The Peerless Acme Automatic Lamp.
- The Perfected Acme Trip Burner.
- The Acme Tandem Double Compound Thermostat Regulator.

These are the exclusive patented fixtures that make the Peerless Incubator the greatest and surest hatcher. There are no other fixtures like them. I guarantee my Automatic Lamp with the trip burner will save half of your oil. I guarantee my Tandem Double Compound damper and flame regulator wipes out large operating expense and trouble. I guarantee my Automatic Vapor heating system, Automatic Moisture system and Automatic Ventilating system are the biggest incubator improvements you ever saw on an incubator.

My Big Book Tells All

Saves Money. It describes in detail my wonderful Acme fixtures. It tells how you can get the best—absolutely and finally the best—incubator in the world and save money in the bargain, by buying Peerless Incubators disassembled, complete with all fixtures, ready for you to put together yourself in a few hours' time. Anyone can do it. This book is the greatest incubator book of the year. It tells too, about

Big Money in Custom Hatching

the wonderful, new and profitable way to make money in poultry with my brand new 500-egg unit machines. Each unit complete and self-contained. No outside heating plants, no boilers. The only successful 500-egg machine ever built. Learn about

My New Moisture Generator

which can be attached to any incubator, old or new, and assures perfect moisture always. Every incubator on earth should be equipped with this new generator. Send for this book right now—tonight.

Make Your Old Machine New
My famous Acme fixtures, lamps, tanks, regulators, etc., etc., can be placed on any incubator. Fix up your old machines with my fixtures and make them modern hatchers. Don't repair an old machine of any make until you talk to me.
—H. M. SHEER

H. M. SHEER, Dept. 8, Quincy, Illinois

CHAMPION BUFF WYANDOTTES

Again prove their superiority above all others

At the Great Chicago Show, December 1912

in one of the largest and best classes of Buff Wyandottes ever cooped we won

1st and 2nd Old Pen

1st, 2nd and 5th Hen

1st Pen Young

1st and 2nd Pullets

2nd and 4th Cocks

Shape and Color Specials

Also Championship Silver Cup for Best Display

Our handsome illustrated mating list mailed free.

BUCKEYE POULTRY FARM,

BESUDEN BROS.,

Box 359-W,

CINCINNATI, OHIO

EGGS

You can't lose, if you buy eggs of us. We guarantee the fertility and the quality of Chicks hatched from them.

EGGS

RHODE ISLAND REDS

ROSE AND SINGLE COMB



We have bred our Reds to such a point for quality that we feel that we are head and shoulders above other breeders and are going to guarantee the quality of chickens raised from the eggs sold by us. We are going to see that every man that buys eggs of us this year gets his money's worth.

We know that we have the grandest matings ever put together in Rhode Island Reds and know that we can guarantee their offspring. We guarantee the offspring from each pen in proportion to the price paid for the eggs.

EGGS—\$5, \$10, \$15, \$20 and \$30 per 15 according to the pens they are from. Every pen of Rose Comb headed by a prize winner and nearly all of the Single Comb pens headed by prize winners, and from stock that is Line Bred—High Class Utility Eggs at \$3 per 15 eggs, \$15 per 100. We do not guarantee the quality of stock from these.

Chicago, Indianapolis and New York Winners

head many of my pens. Also Springfield, Ill., the greatest Fall Fair on Earth, Nashville, Tenn., Memphis, Tenn., Atlanta, Ga., Augusta, Ga., and other big shows.

Besides our winnings we have sold birds that have won from the Atlantic to the Pacific this season—from Canada to the Gulf and in the strongest competition. In placing your order always remember there is one best place to get anything you desire to buy.

We have our pens now mated for the egg trade. Book your orders for eggs from the greatest matings ever put together for this breed.

OUR BEAUTIFUL CATALOGUE of sixty-four pages and cover contains many articles on raising and caring for poultry in large and small flocks. It will also tell you why the Rhode Island Red is the best breed in the world. This catalogue has cost us a great deal to prepare and is too costly to send out promiscuously. We will send this postpaid for 20 cents in cash or stamps. Address all mail to

Buschmann-Pierce Red Farms, Box 30, Carmel, Ind.

W. C. PIERCE, General Manager

S. C. WHITE AND BUFF ORPINGTONS

S. C. WHITE AND BUFF LEGHORNS BUFF ORPINGTON DUCKS

We have some grand young stock that can win for you at early shows. Look up our show record for the last five years.

DUNROBIN FARM,

RED BANK, N. J.

The Chick Book

is indispensable to those who contemplate raising a few or many chicks. It is a complete treatise on this intricate subject and contains thorough and reliable instructions on hatching and rearing chicks by both Artificial and Natural methods.

Now Is The Time

to secure a copy of **The Chick Book** and be prepared when the time arrives. Don't lose a whole hatch just because you don't know what to do or how to do it. The Chick Book guides you in the care of the chicks from shell to maturity. Read this partial list of contents:

BREEDING.—Constitutional Vigor. Line Breeding. Felch Line Breeding Chart. Selection of Breeders and Layers.

INCUBATION.—Artificial and Natural Incubation. Environment for Incubators. Ventilation and Moisture in Incubators. How To Set a Hen.

BROODING.—Rearing Chicks Artificially and Naturally. Raising Chicks in Brooders.

CARE AND FOOD.—Feeding and Care of Young Chicks. Formulas for Feeding. Hopper Feeding.

SUMMER AND WINTER CARE.—June Hatched Chicks. Mid-Summer and Fall Work. PROFITABLE LATE HATCHES. Care of Valuable Chicks in Bad Weather. How To Get Rid of Poultry Pests.

MARKETING.—The Day-Old Chick Business. Killing and Dressing Poultry. Directions For Making Shipping Coops.

The Chick Book was prepared chiefly to assist the amateur or new beginner but as it contains the experience of many of our oldest and most successful breeders, a copy should prove of value to the more experienced.

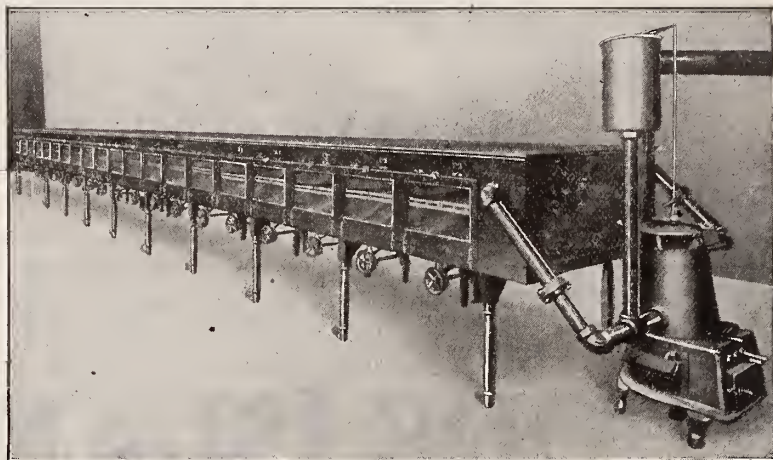
It contains 80 pages, is fully illustrated the price is

50 CENTS, POSTPAID

With one year's subscription to American Poultry World for 75c. Mailed free for two yearly subscriptions to American Poultry World at 50c. each. Address all orders to

AMERICAN POULTRY WORLD

158 Pearl Street, Buffalo, N. Y.



Like Giant Hens

The Newtown "Giant" Incubators and Brooding Systems are like giant hens, because they supply hatching and brooding conditions as near like the mother hen as is possible.

The Newtown "Giant" Incubator has a special inlet for pure, vitality-building air and an outlet for impure air.

The Newtown preserves the liquid or life element of the egg by preventing the escape of the heavy moisture in the air—its bottom is tightly closed.

The Newtown "Giant" Incubators and Brooding Systems

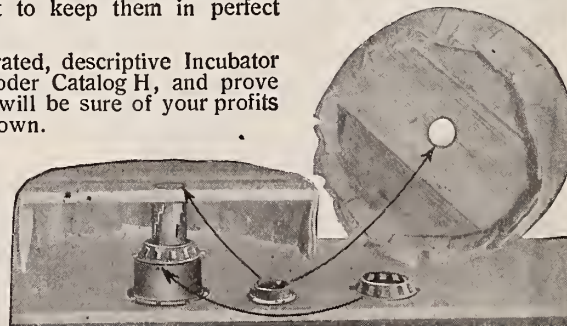
insure the birth of heavy, healthy chicks, preserve that health and make rapid chick development certain.

The Newtown Hover may be raised and lowered to suit the size and age of chicks in each hover. The cast-iron ring on the radiator regulates the temperature in each hover and gives the chicks of various ages just the right degree of heat to keep them in perfect condition.

Write now for illustrated, descriptive Incubator Catalog P and Brooder Catalog H, and prove for yourself that you will be sure of your profits if you install a Newtown.

**NEWTOWN
PRODUCING
COMPANY**

Newtown, Pa.
U. S. A.



Newtown Adjustable Hover

COWS AND POULTRY

Form A Winning Combination

THEY GO HAND IN HAND—the dairy farmer is always a poultry raiser, and the successful poultryman is generally the owner of good cows.

This being true, I am going to make an offer that I am sure will interest every reader of **AMERICAN POULTRY WORLD**.

I am going to give you the biggest value for a dollar you ever had in your life and leave it to you to be the judge. If you are not more than satisfied, you get your dollar right back as fast as the mails will carry it.

Forty Thousand of America's Leading Farmers—cow milkers and poultry raisers—have accepted this offer during the past year, and not a single one has asked for his money back.

On the other hand, thousands of letters, have been received from them—all saying it is the biggest dollar value ever offered the American farmer.

Here is what I said to them, and it is the offer I make to you. Send me one dollar for **Kimball's Dairy Farmer** three years and a copy of Van Pelt's great Cow Book, and if you are not more than satisfied I'll gladly refund your money and ask no questions. That's fair, isn't it? Not a single complaint has been received and they all sing its praises.

Kimball's Dairy Farmer

Is the National Dairy Magazine. It is edited by H. E. Colby, Hugh G. Van Pelt and E. R. Shoemaker, men recognized among the country's foremost authorities on dairy cattle and dairy farming subjects.

The publishers of **Kimball's Dairy Farmer** own and operate farms and are successful breeders of dairy cattle, poultry and hogs. They conduct big dairy shows, run special dairy trains, address institutes, farmers' meetings, and are in close and active touch with the great advances that are being made in dairy farming and poultry raising everywhere.

Kimball's Dairy Farmer has 100,000 subscribers, the largest of any dairy paper in the world. It is not a cheaply gotten up paper, but a semi-monthly magazine, handsomely illustrated and printed on good book paper.

Van Pelt's Cow Book

By **HUGH G. VAN PELT**

Is the author's great cow demonstration lecture in picture and print. This lecture has been delivered over 300 times from dairy trains; it has been given at dairy shows, state fairs, agricultural colleges and farmers' meetings all over

the United States and Canada. This lecture, now given in picture and print, constitutes one of the most informative books ever issued from the agricultural press. It contains about 50 full-page half-tone illustrations of the world-champion dairy cows as Prof. Van Pelt was judging them, and explaining their points of excellence. These pictures alone cost \$600.

From this remarkably practical book the reader can actually become a competent judge of dairy cows and bulls. It names, explains and illustrates the five essentials of the productive cow. It shows how each is of vital importance and dependent upon the others. It makes plain how these essentials control the functions of the cow. It makes simple and clear the economical workings of the cow as a productive machine. It tells how to secure cows that combine the five essential points. In fact this book reveals facts, a world of facts, pertaining to the dairy cow. It is not a book of "secrets," except as scientific and practical knowledge is a "secret."

By close contact with the dairy cow during his work, study and experimentation Prof. Van Pelt has come to know her as perhaps no other man. He knows the cow so thoroughly that when he looks at her externally he sees her internally. Every part of her is to him a mirror, reflecting her functional ability. With his intimate knowledge he explains the meaning of things that to thousands of dairymen are still unknown. By the aid of profuse illustrations he gives the reader such a clear insight into the subjects that the book justly deserves the title of the lecture, "Van Pelt's Cow Demonstration." The pictures have retained the "Demonstration" feature.

Neither has the bull as a factor—and an important one—been omitted. He has been given due consideration, making the book complete as a treatise on judging and selecting the dairy herd.

This book is being used by colleges and schools as a text book.

We Give It To You

You cannot buy it at any price. Only as a gift can you secure "**Van Pelt's Cow Demonstration**." For every three-year subscription to **Kimball's Dairy Farmer**, we give a copy of the book. The price is \$1. (Regular subscription price is 50 cents a year.) Send 50 cents additional for Canadian subscriptions and \$1.00 for foreign ones.

Send me a dollar bill, check or money order for **Kimball's Dairy Farmer** three years, and **Van Pelt's great Cow Book**. If not satisfied, drop me a postal card saying so and I'll send the dollar right back.

Address **KIMBALL'S DAIRY FARMER**

John Andrews, Manager,

413 Commercial St., Waterloo, Iowa

Money-Making Results—YES!



The Test Hen

"Profitable Poultry and Egg Production" tells how 1,500 and 2,000 pounds of good-quality table poultry can be produced from one hen in one year. Book of 244 large pages FREE to any address—simply for the asking. Worth many dollars to poultry men and women who "mean business."

knowledge—if you really make a *business* of keeping up-to-date on every fact and discovery that means greater Egg—

And Poultry Meat Production

This great, Free, Money-Making Book, backed up by Cyphers Free Bulletin and Personal Letter Service, and the *immensely valuable* free booklet of 1912-13 \$1,000 PRIZE CONTEST REPORTS—makes it possible for you to keep in touch with *every step*—to personally apply every discovery made at the Cyphers Company's Farm, also to profit by the actual, money-making experiences of poultry raisers *all over the country*, many of whom have had problems similar to your own. To avoid mistakes you *absolutely need* this wealth of practical information. You cannot afford to *go by guess*. You

Must Use Right Methods

What these methods are this great Free Book will tell you. It is the most complete, the *most valuable*



Sold for \$800

"Lady Show You," the White Plymouth Rock Hen that laid 231 normal-size, normal-weight eggs in 365 consecutive days and won first-prize in the National Egg-Laying Contest conducted by the Missouri State Poultry Board at Mountain Grove, Mo., November 1, 1911-October 31, 1912, was hatched in a Cyphers Incubator. So states J. A. Bickerdike, Millersville, Ill., owner of "Lady Show You," who raised her from the shell and who sold her after her great laying record for \$800. See Mr. Bickerdike's letter (also daily newspaper dispatch) on page 234 of our FREE Catalogue and guide for 1913, "Profitable Poultry and Egg Production."

Let's get at the *real facts*—the *solid truth* about Profitable Poultry and Egg Production, doing so without exaggeration, without painting *fancy pictures*. Let us go by *actual records* of production—by the part the *domestic hen* now plays in contributing to the Nation's wealth. Let's consider what a hen can do—what *actually* has been *done* by those who have gone into poultry-raising *intelligently*—who have followed *advanced methods*! These facts will show, *will prove*, what the poultry industry today offers to earnest men and women.

The three hens illustrated in this advertisement are *living examples* of the money-making, present-day possibilities in Poultry raising. These hens, "born" in Cyphers Incubators, raised in Cyphers Brooders—well-bred, well-fed, comfortably housed, have attained a *productive power* that is almost *unbelievable*.

Think of a little three-pound Leghorn hen reproducing her own bodily weight *ten times* in eggs in one year—*thirty pounds* of eggs in three hundred and sixty-five days! Investigate also the work of a single hen in the 1,000-2,000 lbs. meat production test—a truly wonderful opportunity for *profit earning*. Then consider that these records were made in flocks expertly handled to *reduce the cost per egg and per towt*. Remember also the present attractive market prices for egg and poultry meats—and what the Parcels Post now offers in *quick sales*, higher prices and economical delivery. It's easy to figure the

Proof of the Profits

that await *keen and alive* poultry-raisers in 1913 who use correct *methods* and have the proper *guidance*. Write us now—*today*—for our 244-page free Book, "Profitable Poultry and Egg Production." It's crowded full of just the facts *you need*. Gives in detail the *remarkable results* we attain on *the* Cyphers Company's \$75,000.00 Experiment and Demonstration Poultry Farm. Gives the *reasons why* of

The Remarkable Egg Yields

We secure from our fowls more than *double* the ordinary production. And what we do, *you can do*, wherever you are located, if you have the right equipment and the right



Substantial
Fireproof
Dependable

free poultry book ever published. For example, it gives you on page 7 the *Three Foundation Factors* in Profitable Poultry and Egg Production. Three basic facts you need to know before you really *begin* to *make money*. On page 8 it points out *Six Avenues of Waste*. Guides you clear of common pitfalls. Tells you how to make your flock *all-productive*. The information on these two pages alone is worth many, many dollars to you.

Our Free Book also contains eight special chapters that go into the very heart of the *practical questions* that come up every day. They tell in simplest language the things to do—*the things to avoid*. They point the way to greatest returns. The titles of the chapters are: Chapter I—What is Possible in Poultry Meat Production. Chapter II—What Can Be Done in the Way of Egg Production. Chapter III—Deep-Litter Feeding Experiments of 1912. Chapter IV—Quick Maturity in General-Purpose Fowls. Chapter V—Ages and Weights of Chickens for Table Use. Chapter VI—How to Establish Prolific Egg-Yield Flocks. Chapter VII—Today's best chance in the Poultry Business. Chapter VIII—Small-Scale Poultry Keeping on a Practical Basis.

When you have learned the practical things this book teaches, you must have the proper means of *applying them*.

That Means Right Tools

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205 fertile eggs. Fourth Hatch, 232 chicks from 244 fertile eggs. Fifth Hatch, 178 chicks from 178 fertile eggs. Sixth Hatch, 217 chicks from 220 fertile eggs. The Cyphers is the best machine made for hatching strong, healthy chicks and lots of them." March 11, 1912. See complete report page 81, "Profitable Poultry and Egg Production."

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244-egg capacity and one 70-egg capacity, also a Style A Outdoor Brooder. I had fine hatches from the incubators. Out of 234 fertile eggs I hatched 231 chicks and from the smaller incubator I got 62 chicks out of 65 fertile eggs. They were all brooded in your Style A Brooder. I have also hatched ducks and goslings in my Cyphers machines with equal success."—July 24, 1911. See complete report Page 39, "Profitable Poultry and Egg Production."

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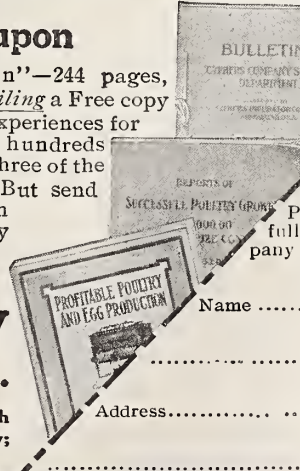
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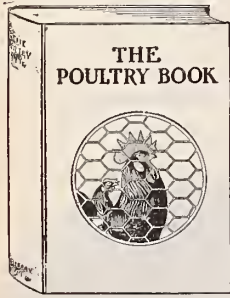
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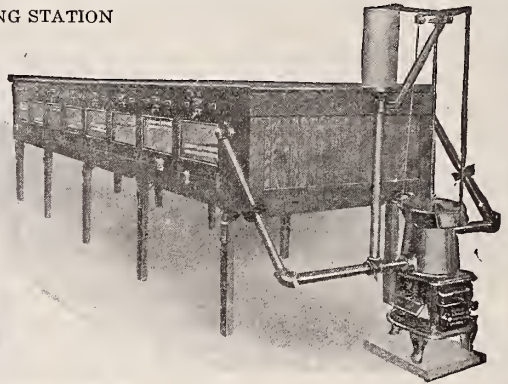
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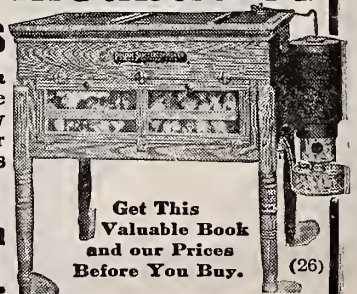
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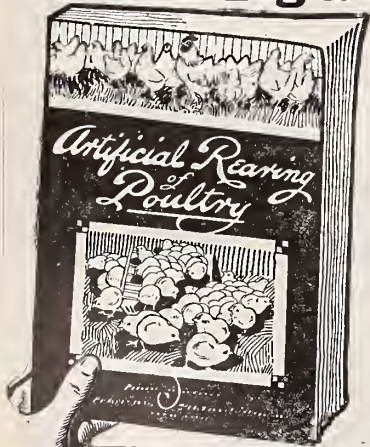
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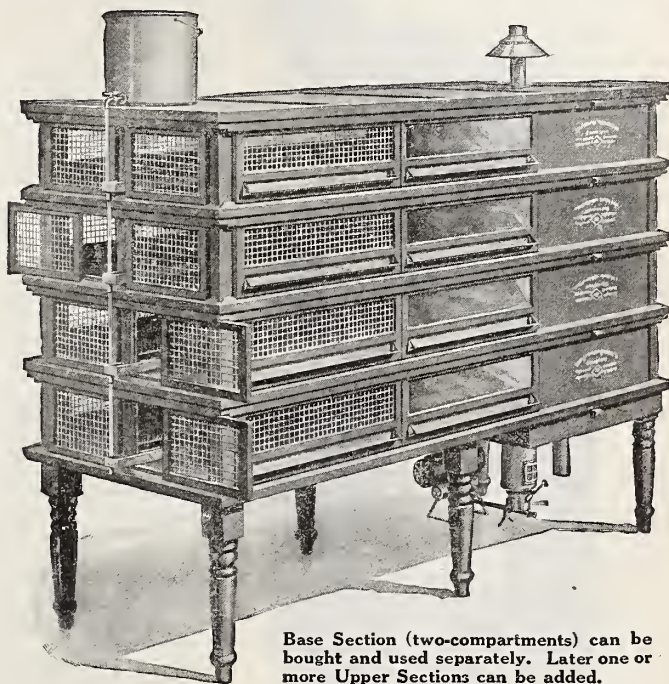
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A History of Eight Non-Laying Bob-Tailed Hens and One That Was Not Bobbed

Including valuable scientific facts regarding moulting. A supplement to "Don't Kill the Laying Hen." This supplement gives the story of one hen that was not bobbed; the story of the first four non-laying bobtailed hens; the other four non-laying bobtails; how hens having red combs are deceiving; forced molting bad business; how the laying season may be extended and many more eggs obtained, or why hens having good laying organs stop laying early in the season, and much other valuable information which is worth far more to the average breeder than the small price we are asking.

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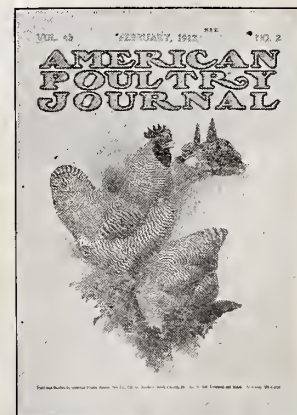
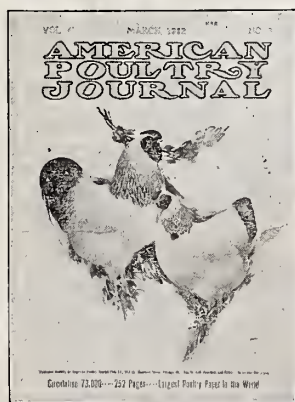
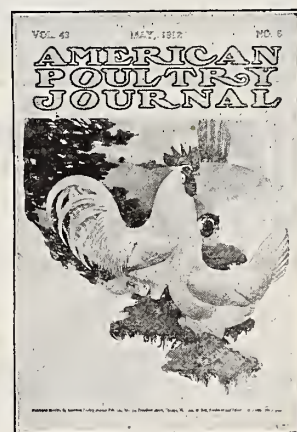
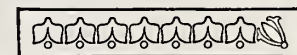
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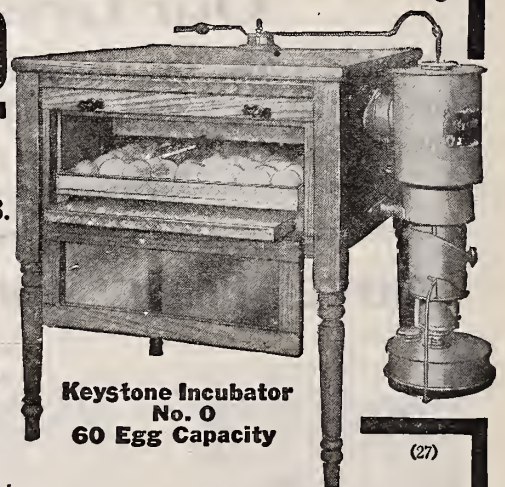
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No. 0
60 Egg Capacity

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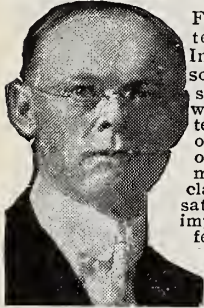
in buying this high-grade, low priced machine. It is built on the famous **Sand Tray** Prairie State hatching principle—in fact is a small size Prairie State machine, thus insuring the operator not only the highest per cent hatches, but the **most chicks that live**. Our reputation is ample assurance we would not put out any but the best. Write today for pamphlet fully describing this "Biggest Incubator Bargain of the Year."

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The Case is made of one-inch clear, selected California Redwood, lined with 3-ply special building felt—then a dead air space. Inner case is made of Basswood, which has no odor—then lined with the same 3-ply building felt. The Triumph case is also lined with a heavy layer of genuine asbestos—fireproof throughout. Sides, top and bottom are all made exactly the same—front has double glass doors with dead air space between.

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in hatching. Millions of chicks die in the shell because of improper moisture conditions. The moisture present in an incubator is just as important as the temperature, and should be noted and regulated just as carefully.

The "Tycos" Incubator Hygrometer

is an ABSOLUTELY RELIABLE moisture gauge. It is a necessity for good hatching. It will make bigger hatches for you, Mr. Poultryman, and better chicks. Simple, takes little room, easy to read and is stamped with full directions. EVERY incubator should have a "Tycos" Hygrometer.

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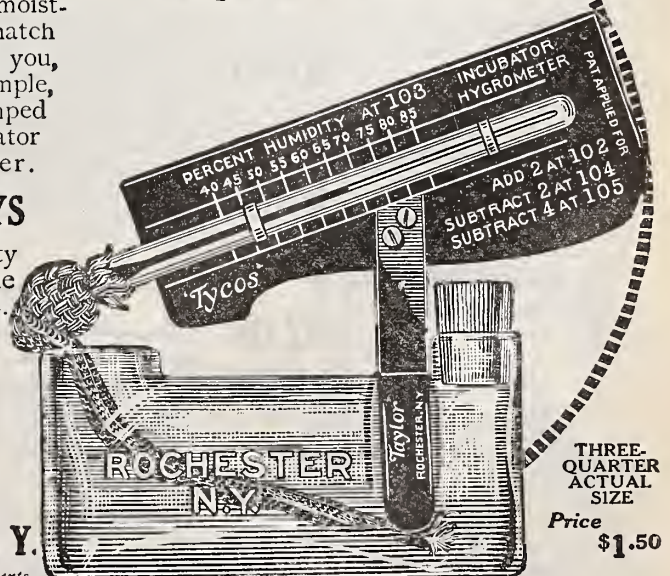
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On this page will be found twenty exceptional **Clubbing Combinations**. These are identical with those published in the December issue of AMERICAN POULTRY WORLD and which were taken advantage of by scores of our readers. There were scores of others, however, who were unable to place their order within the time limit, and so many requests have been received that we have decided to renew the offer for 60 days. **The opportunity is now yours.** If you wish to take advantage of these money saving offers you must act quickly. Remember the old adage, "**A dollar saved is a dollar earned.**" This never was more applicable than right here. You can demonstrate it to your own satisfaction. Will you do it? Compare these offers with those of other agencies. They stand alone as the greatest clubbing opportunity ever placed before magazine readers. Send your order at once. This offer will not appear again.

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Why don't you get your share of chicken profits *this* year? You take no chances when you buy an Old Trusty. Over 400,000 people have proved it *right*. They bought on 30 to 90 days' free trial, backed by 10 years' guarantee, and would have returned their machines if the Old Trusty didn't *make good*. Isn't that proof that the Old Trusty is a *money-maker*?

Think of it! For 1913, Johnson's price is still *less* than \$10, freight prepaid anywhere east of the Rockies, and allowed that far if you live beyond. Why pay more? Why pay less? Either one means high cost of chicks and less profit because more value could not be put in an incubator than there is in Old Trusty. Less price means inferior quality which no one can afford. Johnson figures all along the line. There are 400,000 Old Trusty users standing back of the Old Trusty who claim that it averages the largest hatches, the strongest chicks and the biggest profits.

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You'll be glad to read this book. You'll be glad to see the hundreds of photographs sent in by Johnson's customers. You'll be glad to know the reason *why* more Old Trusty Incubators have been sold than several of the next largest makers combined have sold. And you'll be glad to read the reasons *why* Johnson's price is still less than \$10.00 for 1913.

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Here's The Featherless Mother of a Billion Chicks



What Is a Good Incubator?

(Written by The Man Who Knows)



J. W. MILLER

DO YOU know what goes to make up a really good, dependable incubator?

If you have any doubts upon the subject, let me explain my ideal—the ideal which I have worked to embody in my incubators.

To begin with an incubator should have perfect insulation, a sensible heating system, a simple, efficient regulator.

These are the vital things. Upon them depend the success of your hatch; the sturdiness of your chicks, the profits of your enterprise.

There are a few good incubators on the market which meet these conditions perfectly. But there are other points to consider. For, if there's a weak spot anywhere, it is apt to prove costly.

For instance:

- the regulator should be automatic in action, never allowing the temperature to vary even a fraction of a degree;
- the ventilation arrangement should be carried to a point where it cannot be improved upon;
- the lamp and burner should be fire-proof, danger proof;
- the thermometer must be accurate;
- the incubator should have the best nursery advantages, the handiest egg tray, and be constructed of best materials possible to obtain.

As many have said before, you don't have to be an expert to "make good" with a good incubator. But if you are seriously thinking about spending your money for a hatcher, you want one that measures up—point for point—with the specifications outlined above. You want one that you can readily understand, one that exploits no freak or untried ideas, one that will stand the most minute inspection, the most unsparing scrutiny and pay you large dividends on your investment.

This is not a rosy picture from the draft-room, nor the conversation of an enthusiastic salesman. It exactly describes my "Ideal"—The IDEAL Incubator.



Because of its mechanical features of superiority, the Ideal is the machine you can be sure to make the most money with.



—It is absolutely safe—an explosion or fire has never resulted from its use.

—It gives better results with a smaller expense of operation and with less care and attention.

—It is handsome in appearance, of attractive design, finished in imitation mahogany, and with ordinary care will last a lifetime.

I'm proud of my incubator all the way through. Proud of the hatches made with the "Ideal." 95%, 98%, 100% perfect hatches are the records. These records are not a sensation. They were years ago. But sensations cease to be sensations when they become every-day occurrences. If you buy an Ideal you can obtain the same results.

The money you spend for an Ideal is as safe as if spent for a Government bond—you are sure of the returns—and, as I believe the Ideal is more likely to suit the demands of the people better than any other incubator in the world, and



help them to big profits, I heartily recommend it to all, and stand back of every claim made for it, regarding specifications, hatches, etc.

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Without a Penny Cost to You.

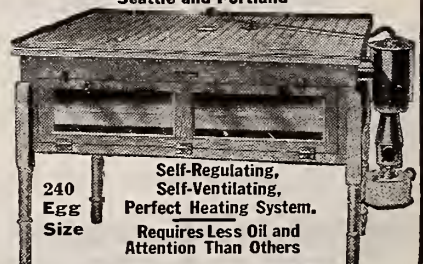
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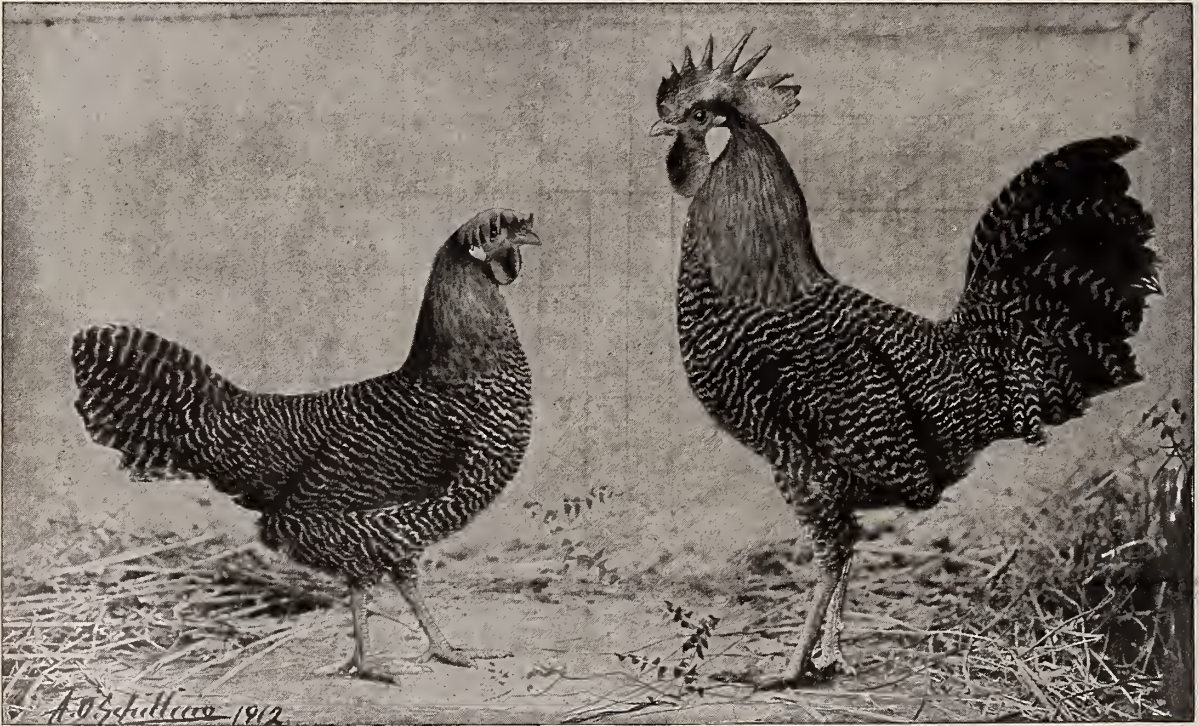
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A. O. Schilling 1912



FIRST PRIZE SILVER CAMPINE COCKEREL & PULLET & FIRST PRIZE GOLDEN CAMPINE
 COCKEREL & PULLET, GRAND CENTRAL PALACE NEW YORK DEC. 1912.
 MANHATTAN FARMS, Geo. E. NOETH Proprietor, BRIGHTON N. Y.

The future of the modern Campine looks very promising, judging from the great interest shown in them at the New York and Boston Shows. Here we found large classes full of the best quality ever shown in this country and equal to the best we have seen in England or Belgium. We were surprised with the quality in the Golden especially, as we found males having this type and color, equal to many of our best Silvers. Considering the above facts we feel that much credit is due to the prominent breeders of Campines in putting this useful breed before the public. The wonderful winnings of G. E. Noeth, Prop., of Manhattan Farms, Brighton, N. Y., it seems to us is nothing short of marvelous. Mr. Noeth's exhibit of Golden and Silver Campines at New York and Boston shows won 15 first ribbons, 7 seconds and 7 thirds, besides additional fourth and fifth prizes where from 3 to 5 birds were shown by him in one class. At Grand Central Palace Show another record was made, where the above illustrated specimens were winners. It is remarkable to note the general uniform type in both Golden and Silver males and females shown above. Manhattan Farms have surely proven themselves producers of the Champions in Campines of this country.—A. O. Schilling.

AMERICAN POULTRY WORLD

Vol. IV

FEBRUARY, 1913

No. 4

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THE EVOLUTION OF THE ORANGE COUNTY POULTRY HOUSE

EARLY EXPERIENCE THAT LED TO THE WRITER'S FIRST INTEREST IN POULTRY. BEGINS THE STUDY OF HENS. FIRST PROFITS USED TO INCREASE STOCK AND EQUIPMENT. FIRST HOUSE 12 x 50 FEET WITH FOUR DIVISIONS. TRIED SUPPLYING ARTIFICIAL HEAT. SEES VISIONS OF THE BUSINESS HEN AND BELIEVES LARGE UNITS ARE PRACTICAL. THE HEN BARN WITH FIVE HUNDRED HENS IN ONE FLOCK. MY FIRST ORANGE COUNTY POULTRY HOUSE AND THE POSSIBILITIES IT PRESENTED. TWO HUNDRED AND FIFTY HENS CONFINED FOR ONE YEAR. \$3,454.41 FROM 1,500 HENS IN ONE YEAR

BY O. W. MAPES, MIDDLETOWN, N. Y.

[EDITOR'S NOTE.—Mr. Mapes' article in the October AMERICAN POULTRY WORLD created such a deep interest among our readers that we prevailed upon him to describe the Orange County Poultry House more fully. In the accompanying article he has gone to the very bottom of his poultry experience and tells each step that led up to the evolution of the present house.]



Y paper, "The Business Hen Versus The Dairy Cow," read before our Pomona Grange, and printed in the October AMERICAN POULTRY WORLD, has created such widespread interest in the Orange County Poultry House, that the story of the Evolution of the Orange County Poultry House is herewith presented.

The writer was born and reared on an Orange County dairy farm where long hours of work are the rule. The day's work usually begins at 5 a. m. and ends anywhere from 6 to 8 p. m. In my younger days the latter hour was the common thing. Custom has changed somewhat, so that it is now customary on most dairy farms in this section to finish milking and the day's work at six. Further abridgement is not possible unless a breed of cows is discovered whose udders will hold more than twelve hours' production of milk when in full lactation without detriment.

For this long day's work the returns in profits usually run from poor to very poor. Farmers and others who want a good income for a short day's work should turn to the business hen as the star hope.

MY EARLY EXPERIENCE

I was married at the age of twenty-two, and started out by renting a dairy farm where the owner retained his residence on the farm, and also his flock of hens. The hens had always had the run of the barn, including the cow stables and kept up the practice, a lot of them usually being on hand every time I wanted to feed my cows, making nuisances of themselves generally, as hens will in a cow barn. They had been accustomed to lay in old kegs and boxes nailed up behind the cows, and continued to do so more or less after I took possession, in spite of all the landlord could do. Since they lived largely on my grain and feed, I naturally felt that I had some interest in the eggs they were laying, but

feared trouble if I attempted to gather them and carry them into the house right past the landlord's door. My hired man finally solved the problem in a way by proposing that we both learn to suck them raw before starting to the house for our meals. In this way we safely carried them into the house right under the landlord's nose and the hens quickly disposed of the telltale shells.

I afterward rented another dairy farm where the hen house was in close proximity to the garden. They made such nuisances of themselves here that I finally sold every hen we had and bought what eggs we used.

FIRST REAL INTEREST IN POULTRY

After buying our present farm in 1875, we secured another small flock and built a yard for them where we could shut them out of the garden and stable when necessary. I have one daughter and two sons, and by the time I was forty the daughter showed some musical tastes and wanted an instrument badly. Cash was not plenty, as is apt to be the case on a small dairy farm of 10 or 12 cows, and she and her mother finally proposed that if I would turn the hens over to them they would attempt to earn enough with them to buy a cottage organ. I had never as yet hardly given a hen a thought, and readily consented after stipulating that they must pay for all grain, etc., used at market prices. They took possession in early spring with about 50 hens as I remember it. They worked with enthusiasm, setting every broody hen they could lay hands on, and selling surplus eggs to me

and to customers in town. The chicks thrived under their care, as they are apt to do where there is an enthusiastic woman in the case and by fall they had a flock to be proud of. Music and not chickens was the goal that had inspired them all through the summer days and they came to me one day and wanted me to help them take an inventory. This we did, placing a fair valuation as I thought on everything. I



In the above illustration may be seen several Orange County poultry houses on the farm of O. W. Mapes, Middletown, N. Y. Mr. Mapes states that two thousand Leghorns are kept in these houses and that he can feed and water the entire lot between daybreak and sunrise. The large building in the center is used as a feed room, incubator cellar and for packing eggs.

was dumfounded when we figured things out, to find that they had enough, after reserving the number of hens with which they started, to buy the \$65 organ and a little over to pay for the first few music lessons.

I began to look at a hen in a new light, and rather than have them sell all those nice pullets as they threatened to

A vision of an electrical feed box, by means of which I could feed any number of flocks or units on free range, each in its own house, then appeared on the scene, with 40 hens in a colony house 10x12 ft., far enough apart to give me 100 hens per acre. I took out my first patent on the electrical feed box and made it work, though it had little value except as a means of education to me. I knew nothing about electricity at the start, and had to study and experiment. I count as among the happiest and most profitable days of my life the time when my wife stood by the window in our dining room ready to press the button, while I ran over to the pasture field to give the signal and see if some added improvement would work properly.

FOURTEEN ACRES AND 1,400 HENS

Perseverance finally brought the time when I had fourteen acres of rough pasture land thus covered with 1,400 hens. I could press an electric button after eating my own dinner, without rising from my chair and give all the hens their dinner, each in its own house. As I touched the button I seemed to touch a nerve in each hen's body which sent her scurrying home as eagerly as a lot of hungry boarding school boys respond to the dinner bell. It was a sight which interested many visitors from far and near.

To travel over fourteen acres several times a day, particularly in winter when water had to be supplied was no "CINCH" even with the aid of the electric feed boxes, though it was fairly profitable; so I began to study labor saving devices with egg production.

THE HEN BARN

The next "dream" or "vision" was of 500 hens all in one flock. Following up the vision I built what I called a "hen barn" near my cow barn. This is a two story building in which the whole 500 use the upper story as roosting quarters, and the lower story as a day room where they eat and lay. This is the large building about which my Orange County Poultry Houses are now grouped, as shown

(Continued on page 302)

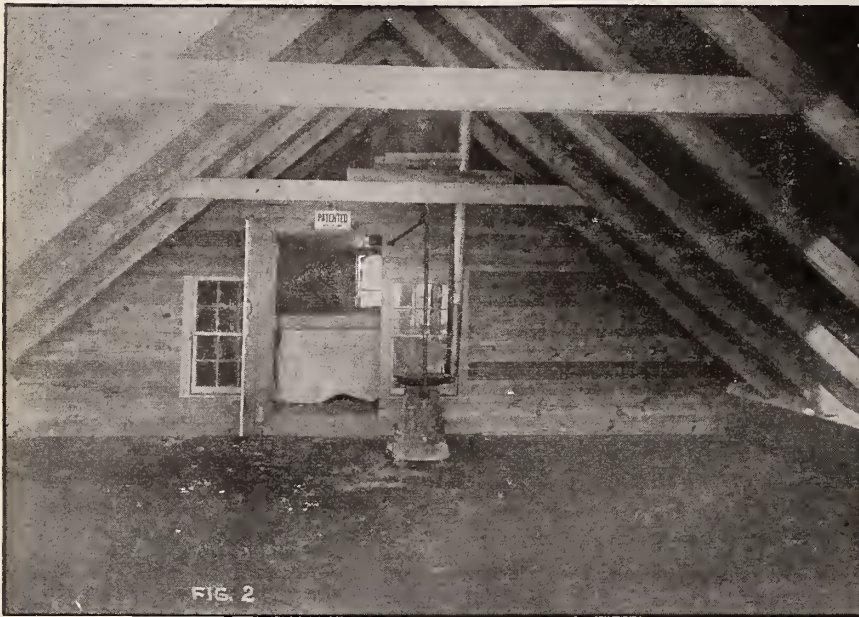


FIG. 2
An interior view of the Orange County Poultry House, showing the rear room ready for 700 day old chicks all in one flock. The chicks are brooded in quarters that are later on to be occupied by the pullets as layers. Each house serves a three fold purpose, viz, brooder, colony house and laying house.

do, I promptly handed over the \$65 and took possession again. I suppose I was converted to the hen at this point in my life and the \$65 and the music which it brought into the home life were the instruments of conversion. Those who know from experience what a good piano (the piano came later) and a good musician means in a farm home where there are a lot of growing boys and girls and their associates, will understand.

I began the study of hens from this time on and used the first profits from them to put up additional houses and increase my stock. My first venture was a house 12x50 ft. divided into four pens, with 30 hens in each pen. Next I built one 15x60 ft. divided into five pens with 30 hens in a pen. In each of these houses I tested out the plan of furnishing artificial heat in winter, by means of a coal stove. The heat was very nice, both for the hens and for me, particularly in keeping the houses free from dampness, but I could not see that I got enough more eggs to pay for the trouble and expense.

"WAKING DREAMS"

About this time I began to have "Waking dreams" in connection with the business hen. One was that still larger flocks or units were practical and would lessen the cost of housing and the labor of taking care of them. I also noticed that when hens were always fed inside the house which was their home, two distinct flocks could be kept a short distance apart, and each flock would always go home to roost. From this I reasoned that if I could arrange to feed all the flocks simultaneously in its own house, any number of flocks or units could be successfully handled on free range. At that time free range was believed to be necessary for hens, and about twelve hens in a flock and six square feet of floor space per hen the limit of safety.

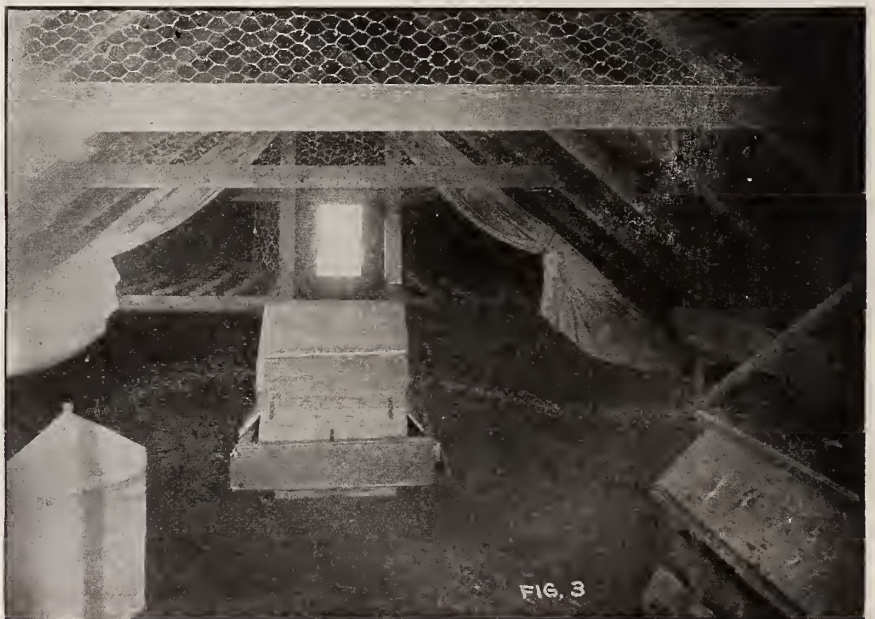


FIG. 3
This view shows the interior ready for the layers. It was in this house that a flock of Leghorns after being confined eight months, laid enough eggs in sixty days to pay the entire cost of the house. Good results have been secured in these houses with a flock confined the entire year.

GLIMPSES OF THE POULTRY INDUSTRY IN CHINA

THE ART OF ARTIFICIAL INCUBATION PRACTICED EXTENSIVELY IN CHINA FOR YEARS. CUSTOM HATCHING KNOWN TO COVER A LONG PERIOD. THE CHINESE INCUBATOR AND METHOD OF INCUBATION DESCRIBED. NO REGULATOR OR THERMOMETER USED. EGGS SELL AT THE RATE OF 13 FOR SIX CENTS AND BABY CHICKS 7 FOR NINE CENTS. CHINESE MARKETING. DUCK AND GEESE GROWING ALSO CARRIED ON, ON A LARGE SCALE

BY WALTER L. CHANEY

[EDITOR'S NOTE.—The following article is taken from a recent book by F. H. King, entitled "Farmers of Forty Centuries or Permanent Agriculture in China, Korea and Japan," and is published by permission of Mrs. F. H. King to whom we are indebted for the illustrations accompanying this article.]



THE art of incubation is very old and very extensively practiced in China. Certain families are engaged in the business of hatching the eggs of chickens, ducks and geese, purchasing the eggs and selling the young as they are hatched. As in the case of so many traders in China, this family was the last generation of a long line whose lives had been spent in the same work. You enter their place through the front of a store opening on the street of a narrow village. In the store eggs were purchased and the chicks sold, this work being in charge of the women of the family. And in the extreme rear of the home they had thirty incubators installed, all doing duty and having a capacity of 12,000 hen's eggs.

Each incubator consists of a large earthenware jar having a door cut in one side through which live charcoal may be introduced and the fire partly smothered under a layer of ashes, this serving as the source of heat. The jar is thoroughly insulated, cased in basketwork and provided with a cover which fits over the jar. Inside the outer jar rests a second of nearly the same size, as one cup may fit in another. Into this is lowered a large basket with its six hundred hen's eggs, while in the other jar is another basket of six hundred hen's eggs, or four hundred duck's eggs in each basket, or one hundred seventy-five geese' eggs, as the case may be. Thirty of these incubators are arranged in parallel rows of fifteen each. Immediately above each row and utilizing the warmth of the air rising from them, is a continuous line of finishing hatching and brooders in the form of woven shallow trays with sides warmly padded with cotton and with tops covered with sets of quilts of different thickness.

After a basket of hen's eggs has been incubated four days it is removed and the eggs examined by lighting, to remove those which are infertile before they are rendered unsalable. The infertile eggs go to the store and the basket is returned to the incubator. Duck's eggs are similarly examined after two days and again after five days incubation; and geese eggs after six days and again after fourteen days. Through these precautions practically all losses from infertile eggs is avoided and from 95 to 98 per cent. of the fertile eggs are hatched, the infertile eggs ranging from 5 to 25 per cent.

After the fourth day in the incubator all eggs are turned five times in twenty-four hours. Hen's eggs are kept in the lower incubator eleven days; duck's eggs thirteen days, and geese' eggs sixteen days, after which they are trans-

ferred to the trays. Throughout the incubation period the most careful watch and control is kept over temperature. No thermometer is used but the operator raises the lid or quilt, removes an egg, pressing the large end into the eye socket. In this way a large contact is made where the skin is sensitive, nearly constant in temperature, but little below blood heat and from which the air is excluded at the time. Long practice permits them to thus judge small temperature expeditiously and with great accuracy; and they maintain different temperatures during different stages of incubation. The men sleep in the room and some one is on duty continuously, making the rounds of the incubator and brooders, examining and regulating each according to its individual needs, through the management of doors or the shifting of quilts over the eggs in the brooder trays where the chicks leave the eggs and remain until they go to the store. In the finishing trays the eggs form rather more than one continuous layer, but the second layer does not cover more than a fifth or quarter of the area. Hen's eggs are in these trays ten days, duck's and geese' eggs fourteen days.

After the chickens have been hatched sufficiently long to require feeding they are ready for the market and are

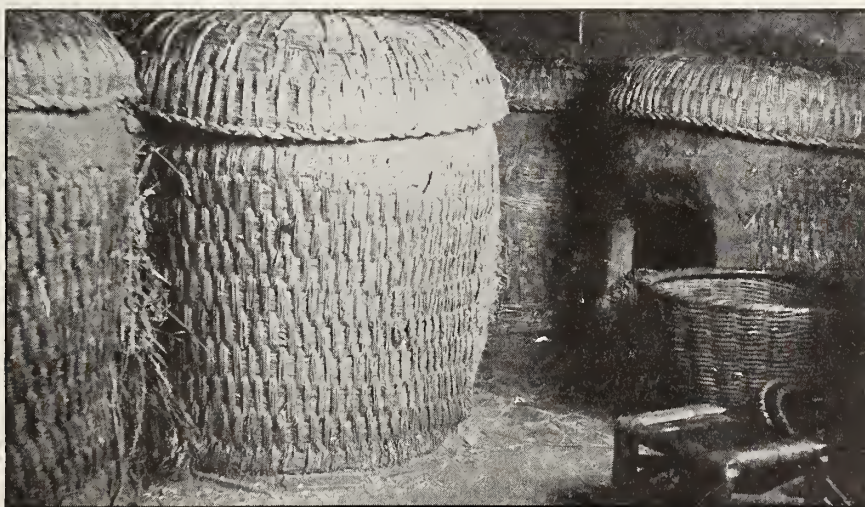
then sorted according to sex and placed in separate, shallow woven trays thirty inches in diameter. The sorting is done rapidly and accurately through the sense of touch, the operator recognizing the sex by gently pinching the anus.

Nearly every family in the city raises some chickens, and the women come to the store, purchasing from five to a dozen chickens each, the same in the country villages too, but no one buys more than a few. It is a com-

mon sight to see grown chickens walking about the streets, in and out of the open stores, dodging the feet of the occupants and the passers. Eggs were selling at ten cents Mexican for nine hen's eggs, or eight duck's eggs, and the chickens were sold at three cents Mexican for the largest and strongest chickens. These figures translated into our currency make the purchase price of eggs at about forty-eight cents, and the selling price for young chickens \$1.25 per hundred, or thirteen eggs for six cents and seven chickens for nine cents.

Nearly everything is sold by weight in China, and the problem of correct weights is solved by each purchaser carrying his own scales, which he unhesitatingly uses in the presence of the dealer. These scales are made on the pattern of the old time steel yards but from slender rods of bamboo or wood provided with a scale and sliding poise, the suspensions all being made with strings.

(Continued on page 311)



A portion of the interior of a Chinese hatchery which contains thirty incubators with a capacity of twelve thousand eggs. Parts of four of these strangely constructed incubators may be seen in the illustration. Charcoal is used as the heating agent. The opening in the one at the right shows where the fire is placed. Temperature is regulated by the sense of touch.

JUDGING AMERICAN BREEDS—II. WYANDOTTES

SHAPE THE MOST IMPORTANT CONSIDERATION. IDEAL SHAPE OF WYANDOTTE MALE ILLUSTRATED. VALUATION OF COMBS AND HEAD POINTS. IMPORTANCE OF NECK, BACK AND TAIL FORMATION. DETERMINING THE RELATIVE VALUE OF BREAST, BODY, THIGHS AND WINGS. SHAPE SECTIONS OF WYANDOTTE FEMALE FULLY AS IMPORTANT AS THOSE OF THE MALE WHEN AWARDING PRIZES TO EXHIBITION SPECIMENS

BY J. H. DREVENSTEDT



THE Wyandotte has a breed type distinctively its own, and no matter what some White Wyandotte breeders in the east and west may do to change the type by producing so-called fashionable strains that may have a temporary reign of popularity, the true Wyandotte type must be preserved in all varieties. In the Partridge and Silver Penciled varieties we find the greater percentage of the birds conforming closely to the Standard shape, and the White variety would be equally good in this respect if breeders would not strive to improve (?) the body and tail sections to meet some temporary whim of fashion. The Buffs and Blacks average fairly well in type and the Columbians are improving rapidly in this respect, but the Silver Wyandotte, owing to the introduction of English blood into American strains has lost in Standard shape characteristics but gained in color markings, so that it will require much closer and finer judgment to select the winners among the Silvers than in all of the other varieties.

SHAPE THE FIRST CONSIDERATION

Shape, however, should be the first consideration given when judging a class of Wyandottes, so we will attempt as much as printed descriptions and illustrations will permit, to define and illustrate the Standard ideal of a Wyandotte male and female in this article.

The American Standard of Perfection refers to the Wyandotte as being emphatically a bird of curves and advises fanciers to strive to maintain its short, broad back and deep round body. To the experienced breeders and judge this advice will be followed by making due allowance for the harmonious blending of all the sections, but to the unexperienced breeder and judge the words, "short and round" are apt to prove misleading, in fact, we have seen Wyandottes illustrated that were round as a ball so that the bodies would fill out a circle, yet such specimens lack grace or symmetry and are not true Wyandottes in shape. They become soft and loose feathered around the thighs destroying the hock lines and their back line approaches the V-shape instead of having the graceful U shape and curve. The Wyandotte is not a loose feathered fowl by any means, but a bird of cobby build with fairly close fitting plumage.

Loose or Cochiny feathering destroys the symmetrical outlines of the true Wyandotte.

STANDARD SHAPE OF WYANDOTTE MALE

We present on this page an illustration of a White Wyandotte male (Fig. 1) delineated by A. O. Schilling, which embodies the

ideas of leading breeders and judges of what a Standard Wyandotte male should be in shape. We believe this portrait conforms closely to the Standard description and portrays the ideal type of a mature Wyandotte male. It is the bird of curves all over, possessing the cobby form and firm feathering that belong to the breed. The outlines also typify grace and activity while the general appearance of bird is masculine. A specimen built on similar lines with superior plumage properties will capture the blue ribbon in any company. A careful study of the different sections show their individual perfection and beauty of form, while the harmonious blending of all produce the beautiful finished specimen. This Wyandotte male stands firmly on strong legs that are well spread, showing a deep, broad and full breast, well expanded tail; the coach horse neck and the comparatively short, broad and finely rounded back found only on the highest type of Wyandotte males.

COMBS AND HEAD POINTS

No other breed possesses a rose comb of the shape, symmetry and fineness of texture of the Wyandotte. The comb is one of the most striking and characteristic features of the breed. It makes or breaks the birds in the show room or breeding yard. No matter how fine the shape of the body or exquisite the color of the plumage may be, a large beefy, coarsely serrated comb kills the appearance of the specimen, and destroys his chances of winning the coveted blue ribbon at a show, and seriously handicaps it as a breeder.

The comb is described clearly in the Standard as follows: "Rose, low, firm on head; top oval and surface covered with small rounded points, tapering to a well-defined point at rear; the entire comb curving to conform to shape of skull". Compare this description of a Standard comb with the one seen on the male in Fig. I. and every judge and breeder will admit that it conforms to the Standard description. Combs, however, may be good in shape and size, but fail in surface finish, i. e., they are either absolutely flat or more or less corrugated also. One of the most typical and shapely combs we ever saw on a living specimen is one that topped the head of the White Wyandotte cock, winner of first at Madison Square Garden, 1911, and second at Chicago, 1912. Fig. II. portrays this comb made from a photograph of the bird taken by Mr. Schilling after the recent Chicago show. This same picture also shows a shapely head—a very important section. The head of a Wyandotte male should be broad and well rounded with slightly overhanging brows, but not as pronounced as in the Brahma. Wattles and ear lobes

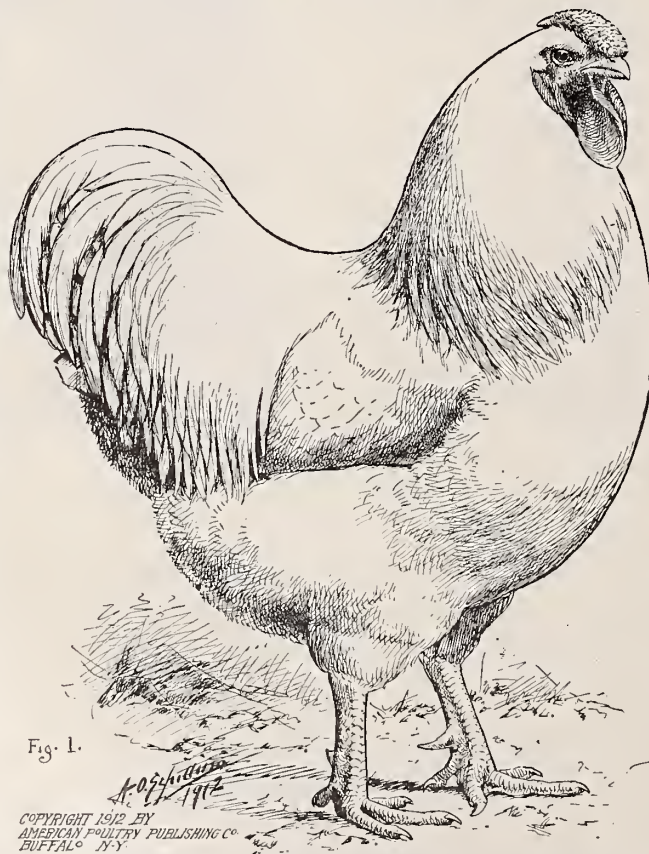


Fig. 1.

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Fig. 1. An ideal illustration of a White Wyandotte male, conforming to the Standard description, and meeting with the approval of many leading Wyandotte breeders.—J. H. Drevenstedt.

should be fine in texture and medium in length, i. e., the wattles should be long enough to give the bird the characteristic masculine appearance, but excessively long and coarse wattles should be discounted by the judge marking them XX in cocks and X in cockerels by the AMERICAN

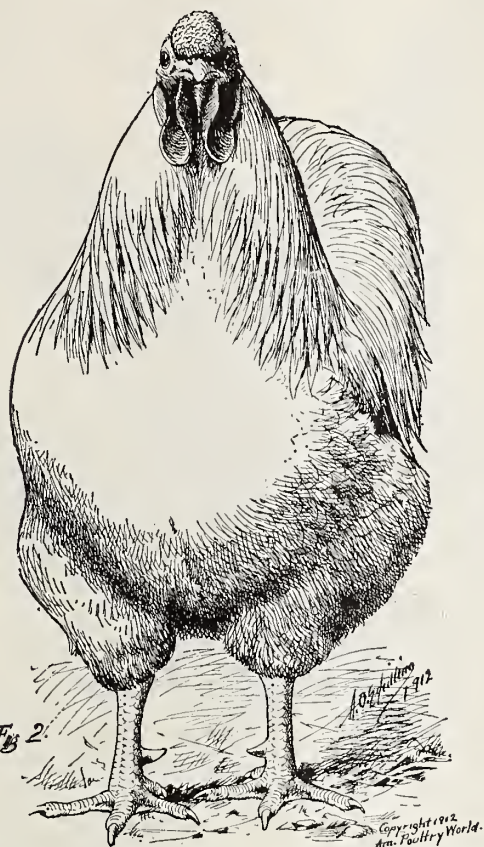


Fig. 2. Front view of ideal Wyandotte male, showing broad, deep and well rounded breast formation; fine headpoints and comb, and strong well spread legs, with proper length of shanks and well developed hocks.—J. H. Drevenstedt.

POULTRY WORLD comparison card, (Illustrated in January A. P. W.) A comb like the one illustrated in Fig. II should be marked XXXX, the highest mark used in judging living specimens by this method. An absolutely perfect comb such as illustrated in Fig. I, would be rated XXXXX, but perfection in combs on living specimens is never attained except in very rare instances. We have handled many thousands of birds in the past thirty years but never found a comb that could be rated XXXXX or could not be cut at least from $\frac{1}{2}$ to 1 point by the score card under the present American Standard of Perfection. We have dwelt on the importance of the head points and comb because they are the first striking characteristics of the breed that confronts the judge when handling specimens in the show room. A fine head and comb will make a decidedly good first impression, and other points being equal the bird possessing such will win the coveted blue ribbon.

NECK, BACK AND TAIL

After looking at the Wyandotte male's head, viewing it from the front and side, we next come to the neck, a section that is of great importance in adding to the true Wyandotte character. Many years ago, the veteran Canadian poultry fancier, "Uncle Billy" McNeil, described the neck of an ideal Wyandotte cock as, "He has the neck like that of a French coach horse". This means a full well furnished set of feathers, giving the neck a broad, thick and comparatively short appearance. A long, thin neck is an abomination in a Wyandotte, and is usually accompanied by straight and narrow back and pinched tail. Such specimens should be rated XX to X, even if otherwise good in head points, etc. The neck illustrated in Fig. I, is ideal, the feathers flowing well over the shoulders or cape and forming a graceful juncture at the back. The back is of no lesser importance than the neck,

although some breeders have shortened it to such an extent that a side view shows the objectionable V-shape instead of the broadened U-shape nature intended and the Standard describes. The concave sweep should be kept "stretched out" instead of shortened and deepened. We believe an X rating to be sufficient for these V-shaped back specimens.

The tail of a Wyandotte male is important but not so important as to overbalance all other sections. Breeding for unusual size and spread of tail destroys the harmony of the other sections, so we deem it best to discount excessive tail development, and judge the shape and size of the tail by its harmonious relationship to the other sections. The tail of a Wyandotte male is short and well spread and should be carried at an angle of about fifty degrees, the sickle feathers being of medium length and curving closely and gracefully over the main tail, forming an unbroken curved line with back line. (See Fig. I.) The back of well shaped and furnished tail is illustrated in Figure III.

Pinched tails, long, straight sickle feathers are the most serious defects, which should be severely discounted, an X rating being about as much as we would allow such a specimen.

BREAST, BODY, THIGHS AND WINGS

The breast of the Wyandotte male should be broad, deep and well rounded as shown in Fig II. The Standard describes the body and fluff as follows: "Body, short, deep, round with low-set keel; fluff, full feathered, well rounded." We believe the words "short" and "round" to be chiefly responsible for the production of the Cochiny loose feathered type of Wyandottes that were the vogue in the east several years ago, but which fortunately have seen their day, and the close feathered, better balanced

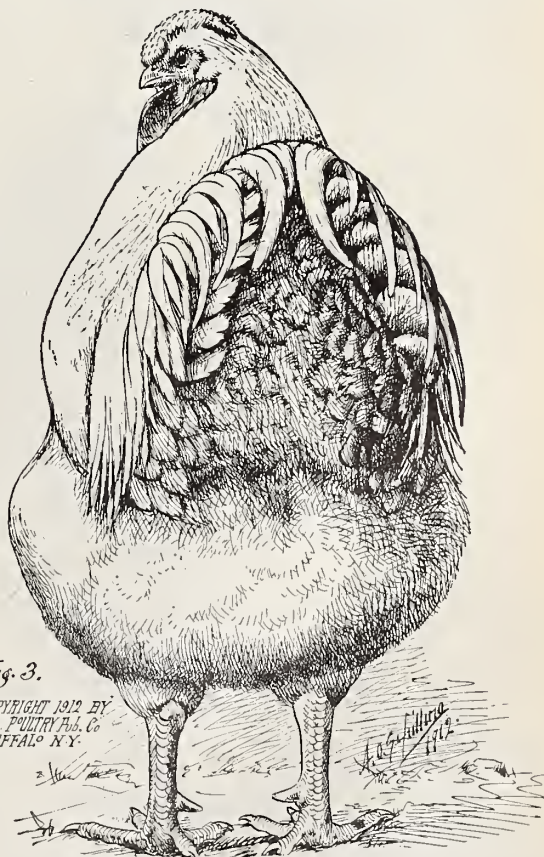


Fig. 3. Posterior view of an ideal Wyandotte male showing spread and shape of tail with correct conformation of main sickle feathers over top of tail; also fullness and roundness of fluff at rear and sides.—J.H. Drevenstedt

Wyandotte has taken their place. The new Standard should modify the body description and also drop the words "low-set keel". The body line should not drop below the back lines as was often the case with the loose feathered adult White Wyandottes that found favor a



SECOND PRIZE COCK

ROSE COMB
RHODE ISLAND
RED COCKS
WINNERS AT
CHICAGO
SHOW
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THIRD COCK

FIRST PRIZE COCK

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IND.

A. O. Schilling 1912.

To win first, second and third prize cocks in the R. C. R. I. Red classes is surely a commendable feat, considering the wonderful high quality and the fact that over 150 R. C. R. I. Reds were shown in these classes at the recent Chicago Show, held December, 1912. Buschmann-Pierce Red Farms, Indianapolis, Ind., in addition to the above prizes also won the silver cup for best exhibit of Rose Combs. We have had the opportunity of studying many of this farms' prize winners, and the pictures shown above represent three of the grandest males in form and color that have been shown in some time. One particularly strong point with Buschmann-Pierce R. I. Reds is that they possess size and vigor and vitality, which is bound to win favor among breeders who want a useful and beautiful fowl for all around purposes.—A. O. Schilling.

POULTRY BREEDING AT A WOMAN'S COLLEGE

THE MODEL POULTRY FARM STARTED BY THE PRESIDENT OF MERIDIAN WOMAN'S COLLEGE FOR EDUCATIONAL PURPOSES, AS WELL AS FOR FINANCIAL PROFIT, HAS SUCCEEDED IN BOTH PURPOSES. THE WOMAN'S COLLEGE POULTRY FARM BECOMING KNOWN ALL OVER THE COUNTY AS SOMETHING UNIQUE, AND OTHER COLLEGES ARE UNDERTAKING SOMETHING ON SIMILAR LINES. NEARLY SIX THOUSAND DOLLARS RECEIVED FROM SALES OF POULTRY AND EGGS IN EIGHT MONTHS

BY J. W. BEESON, A. M., LL.D.



HE breeding of choice, pedigreed poultry is becoming quite an industry in the South. The mild winters make housing a small item, and admits of spring conditions almost the year around, which is conducive to a liberal egg production.

This great possibility, together with his love for fancy poultry, encouraged the President of Meridian Woman's College of Meridian, Mississippi to start a new venture for a woman's college.

This is a select college for young ladies patronized by a substantial and generally well-to-do class of people from all parts of the United States, nearly all the states having contributed students to the school where such careful, Christian home training is given, with special stress laid on the old time proverbial Southern courtesy and gentle manners.

It is to this class of young women that the President of this woman's college decided to start a model "poultry farm" as an object lesson to them, and at the same time supply the college table constantly with fresh eggs and an occasional meal of poultry. The enterprise has for its double object that of education and of financial profit. It is our purpose to tell you how well the plan succeeded in both purposes; for, already the "Woman's College Poultry Farm" is becoming known all over the country as something unique and other colleges are beginning to undertake something similar and want to know how it was done.

HOW THE FARM WAS STARTED

We started with one dozen choice White Orpingtons, that were cared for by the college gardener's wife. This was a fancy flock, and we sold eggs for breeding purposes for from \$3 to \$5 a setting and sold breeders the next winter for \$5 each and upward. We feed them from the scraps from the college boarding department and waste vegetables from the college truck farm (for we raise fresh vegetables the year around in our college gardens). We can spare enough milk from the college dairy to start the young ones off well. Having mild winters we can raise them the year around. The first year from one dozen hens we made \$500 including the stock we kept for next year's breeders.

We have outgrown the gardener's back yard; so we set apart about six acres of the college truck farm located on the electric car lines adjoining the college campus where the college girls can visit it at will and there we started our poultry farm. We decided to raise only fancy stock for breeding purposes and eat only the culls on the college tables. We were delighted with the White Orpingtons, both as utility, all purpose fowl, and as a fancy show

bird. We liked it so well that we decided to add some fine pens of Black Orpingtons and Buff Orpingtons. We bought some of the finest strains we could find in America and then imported several pens of White and Black Orpingtons directly from England.

WHITE LEGHORNS AND INDIAN RUNNER DUCKS ADDED

We added S. C. White Leghorns for our "egg only" fowl, seeing that nearly all large farms in America use the S. C. White Leghorns. We purchased some of the finest strains that could be found both as show birds and as layers. At a great cost we purchased some Madison Square Garden winner stock knowing that blood will tell.

Hearing such a great noise that was created about Indian Runner Ducks we investigated their merit. We were always prejudiced against ducks, but when we learned that every owner of Indian Runner Ducks was so enthusiastic over them we decided to try them. We were agreeably surprised at their great egg production, surpassing that of the best strains of fowls we ever tried. Therefore, we added a large flock of each of the three varieties of Indian Runner; the English Standard, Penciled Fawn and White; the American Standard, Solid Fawn and White; also the Pure White. We are delighted with all three varieties, but we believe the Pure White Runner will finally be the most popular.

The college erected a large breeding house 120 feet long with divisions and runs on both sides, with a hall-way for feeding, watering and gathering eggs. We erected several colony houses with a large yard for each. We also erected a fine brooder house with incubator cellar below. We purchased 20 incubators of different capacities ranging from 50 eggs for special pens to 508 egg capacity.

PRIZES WON AT POULTRY SHOWS

The first year we entered some of each of the kind we breed in four shows and won 153 prizes, including one grand cash prize offered by the Southern Railroad for the best display; the \$20 A. P. A. gold medal for best male bird in the show; silver cup for best of White Orpingtons; best pen of Black Orpingtons; silver cup for best Indian Runner Ducks; several other silver cups, gold leg band, and a handsome amount in cash prizes.

NEARLY SIX THOUSAND DOLLARS' WORTH OF POULTRY AND EGGS SOLD

The gross amount for eight months of sales was \$5,800, besides supplying the college tables with an abundance of

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Two views of the poultry farm at the Woman's College, Meridian, Miss. The gross sales from this plant were over \$5,800 in eight months, which shows what can be done by careful management and proper methods. The plant had its inception in a pen of White Orpingtons that were in charge of the gardener's wife. It was the success with these that led to broader ideas, and Buff and Black Orpingtons were added; later on S. C. White Leghorns and Indian Runner Ducks. With the addition of these varieties the plant was expanded and today is looked upon as an example that can be profitably followed by other institutions of learning.

MADISON SQUARE GARDEN POULTRY SHOW

DEC. 31,
1912,

JAN. 4,
1913.



TWENTY-FOURTH ANNUAL EXHIBITION OF THE NEW YORK POULTRY, PIGEON AND PET STOCK ASSOCIATION THE MOST SUCCESSFUL ONE IN ITS HISTORY. OVER SIX THOUSAND SPECIMENS ENTERED FOR COMPETITION. WYANDOTTES, ORPINGTONS, PLYMOUTH ROCKS, LEGHORNS AND RHODE ISLAND REDS THE LEADING CLASSES. HENRY V. CRAWFORD RETIRES AFTER TWENTY-FIVE YEARS EFFICIENT AND REMARKABLY SUCCESSFUL MANAGEMENT OF AMERICA'S GREATEST SHOW. CHARLES D. CLEVELAND'S APPOINTMENT AS MANAGER OF THE MADISON SQUARE GARDEN SHOW RECEIVED WITH GREAT SATISFACTION BY EXHIBITORS

BY J. H. DREVENSTEDT



THE twenty-fourth annual exhibition of the New York Poultry, Pigeon and Pet Stock Association was the most successful one ever held in the Madison Square Garden, especially at the gate, the attendance being very large from the opening to the closing day of the show. More than 8,000 persons paid admission on the opening day, while on New Year's day the Garden was so packed with visitors that the aisles were overcrowded at times. Not a catalogue was left unsold on Saturday night and many poultry fanciers who could not attend the show and wished to secure catalogues were disappointed in not finding any to be had.

The attendance of the feathered ladies and gentlemen was equally great, over 6,000 of America's choicest poultry and pigeons being on exhibition. The largest classes were the Wyandottes with 413 single entries; the Orpingtons with 395; Plymouth Rocks, 388; Leghorns, 331; Rhode Island Reds, 258; Campines, 140; the Bantams numbered 898. Exhibition pens made up the nice total of 241, while pigeons shot over the 1,000 mark. In addition to the competitive specimens, there were many displays of Ornamental fowl.

The quality as a whole was as good or better than at previous shows, excepting in some of the less popular breeds, so that secretary Crawford can retire from the active management of the Madison Square Garden Show conscious of having closed his splendid career as a manager of this great exhibition from 1892 to 1913, with a success unparalleled in the history of American poultry exhibitions.

The passing of Henry V. Crawford, while deeply regretted by hundreds of poultry and pigeon fanciers, is softened by the announcement that the Board of Directors elected Charles D. Cleveland as manager of the 1914 Madison Square Garden Show. This appointment was received with great satisfaction by friends of Mr. Cleveland, who enjoy his confidence and respect his sterling qualities as a man. That Charles D. Cleveland will maintain the high standard of the past show is a foregone conclusion, as we know his strict regard for details in conducting his business affairs, as well as the high ideals he has in building up his own poultry business.

JUDGING PROGRESSED RAPIDLY

The judging in the majority of classes progressed rapidly and was completed on the first day of the show, but in several instances was carried over until the following afternoon, which somewhat delayed the publication of the marked catalogue. But as the ribbons were promptly pinned to the winning cages, visitors on New Year's day could see "who's who" among the feathered aristocrats.

The judges and their assignments were as follows: C. H. Wells, Barred Plymouth Rock females and exhibition pens; H. P. Schwab, Barred Plymouth Rock males, exhibition and breeding pens; Fred Huyler, White Plymouth Rocks; George H. Burgott, S. C. Brown and Buff Leghorns; F. G. Bean, Buff Wyandottes, Buff Plymouth Rocks, White Orpington females and exhibition pens; Capt. Max De-Bathe, White Orpington males, Blue Orpingtons and Orpington Ducks; C. S. Byers, Buff, Black Diamond Jubilee and any other variety Orpingtons; J. H. Drevenstedt, Silver Penciled and Black Wyandottes, Silver Penciled Plymouth Rocks, Dorkings, Partridge Cochins, Cornish, Anconas and Rose Comb Brown Leghorns; F. H. Davey, Silver and Golden Wyandottes; M. H. Coffin, Partridge Plymouth Rocks and Partridge Wyandottes; J. W. Andrews, White Wyandotte males and exhibition pens; Chas. Nixon, White Wyandotte females and exhibition yards; C. M. Bryant, Rhode Island Reds; A. C. Smith, White Leghorns; Rowland Story, Minorcas; E. L. Sewell, Langshans; F. L. Platt, Campines and Buff Cochins; J. F. Van Alstyne, Columbian Wyandottes; T. F. Rigg, Houdans, Creve Coeurs, La Fleche, Polish and Turkeys; H. A. Rose, Bantams; B. C. Thornton, Game and Game Bantams; H. B. Gleezen, Pit Games; G. D. Tilley, Waterfowl; W. Tunnicliffe, Hamburgs; L. C. Bonfoey, Brahma, Spanish, Dominiques, Lakenvelders and Faverolles.

The above is a formidable array of adjudicators, but every one had plenty of work cut out for him and while all worked hard and conscientiously we regret to state that there was considerable faultfinding among exhibitors in many classes, in fact, Secretary Crawford informed us that he never heard so much "kicking" over the judging as was done at this show.

Where competition is as keen as at the Madison Square Garden and where a blue ribbon represents a rather large commercial value to the professional exhibitor, friendly rivalry between exhibitors is hardly to be expected, but a little more sportsmanship could well be exhibited for the good of all concerned. That some of the criticisms of the judges' work were justifiable is no doubt true, but judges are human, so must err occasionally. Yet these same judges will feel far worse over a wrong decision when they find they have made one, than the indignant exhibitors who failed to land the coveted plums.

We believe the real cause of much of the dissatisfaction over the judging in some classes is due to placing the wrong men on them, and for this the management and not the judges should be blamed. Granting the management made a bad assignment, we must consider the difficulty that confronts the latter, when making up a list of judges. The real staying qualities and superior abilities of a judge can not be discovered until he has been tried and

not found wanting. Some good judges have failed to do themselves justice at the Garden because they developed a first class case of stage fright or rattles. There were several protests over the awards in some of the big classes, but we believe all were adjusted satisfactorily after the

past. Then it was an after midnight session, discussing hackles and saddles of Brown Leghorns or some other color markings on different varieties; now it is how many blues and specials we won and how much we can get out of our winnings in good old cash. If the good or bad points of a specimen are discussed, it is with the idea of its cash value in most instances.

BIRDS AND EXHIBITORS

On the concluding page of this report will be found a tabulated list of the number of specimens in each variety exhibited at the Madison Square Garden Show. This will convey a fairly correct estimate of the relative popularity of the standard breeds and their sub-varieties at the present day.

BRAHMAS, COCHINS AND LEGHORNS

In the New York Catalogue the Asiatic classes are always given the preference, and while they again have the honor of leading off, they lost the lead in numbers as soon as the Barred Plymouth Rock class was reached. The total of Brahmans, Cochins and Langshans was 142, that of Barred Rocks, 191. Yet in 1900 there were 174 Light Brahmans exhibited at the Madison Square Garden, only 20 facing the judging this year. In lamenting over the decline of this magnificent variety with Mr. Klee of Klee Bros., we were glad to learn that determined efforts will be made to bring out a large entry of Light Brahmans at New York in 1914. Dark Brahmans were even smaller classes, the veteran Newton Adams saving the latter by sending eight specimens to fill the classes. But for C. W. Case and

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FIRST PRIZE PEN COCKEREL CHICAGO DEC. 1912.
 FIRST PRIZE COCKEREL INDIANAPOLIS JAN. 1913.
 BRED OWNED AND EXHIBITED
 F. E. HARRISON MENOMINEE MICH.

The S. C. Rhode Island Red cockerel shown in above study represents one of F. E. Harrison's "Royal Red Strain" winners at Chicago and Indianapolis Shows. At the Chicago Show he was at the head of the first prize pen and though an undeveloped youngster, he looked very promising. With a few weeks more of development to put him in form he won first at Indianapolis, where he defeated both first and second prize cockerels at Chicago. In a recent letter Mr. Harrison states, "I have handled over 500 Rhode Island Red cockerels this season and this bird is positively the best I have found among them. I am proud to be able to say that he was bred and owned by myself." It gives us pleasure to state Mr. Harrison is a most enthusiastic student of Rhode Island Red breeding. His first prize pullet at Chicago was the center of attraction not only for Rhode Island Red breeders, but for fanciers of other varieties as well. Her many splendid qualities speak volumes for Mr. Harrison as a successful Rhode Island Red breeder.
 —A. O. Schilling.

judges' attention were called to the alleged misplacement of the awards.

Rejudging classes is a serious matter, as no fairminded judge will consent to rejudge the class of another judge, whose awards have been protested against at the same show where they officiate, except where collusion or fraud is found and proven.

Although many veteran fanciers attended the show as they have all other New York functions, the absence of the fanciers' spirit dominant at the earlier Madison Square Garden Shows was plainly evident. The newer generation of poultry exhibitors are thoroughly imbued with the commercial spirit of the age, which in most instances is perfectly justifiable.

With expensive poultry plants and much money invested in choice breeding stock and high priced managers in charge, the proprietors must reap the financial profits that only a good winning at the Madison Square Garden assures them of. Owners and managers of such plants have little time for sentiment and rarely indeed do we find the "fanning bees" that fanciers indulged in in years



"BOSTON CHAMPION"
 FIRST PRIZE BLACK LANGSHAN COCK
 BOSTON JAN. 1913.
 URBAN FARMS PINE RIDGE BUFFALO N.Y.

The stately Black Langshan appears to be coming back to its own, thanks to its many sterling qualities and the breeders who have remained "faithful" to the breed. Mr. George Urban, Jr., proprietor of Urban Farms, Pine Ridge, Buffalo, N. Y., is one of the old admirers of this beautiful Chinese variety and who appreciates their qualities as egg producers throughout the year. His winnings in recent years at Madison Square Garden and Buffalo places him among the foremost successful exhibitors of Langshans, while his record at the recent Boston Show is also worthy of note and consideration. The grand specimen shown in above picture represents one of the best males we have seen to date. He was very tall and possessed stately qualities which a Langshan only can display. In color he was a glow of lustrous plumage and we admired him very much because of his beautiful curves and symmetrical body and type.—A. O. Schilling.



A. O. Schilling 1913

S. C. BROWN LEGHORN COCKEREL & 3 PULLETS FROM FIRST PEN & FIRST PRIZE PULLET
 MADISON SQUARE GARDEN N. Y. 1912-'13,
 GROVE HILL POULTRY YARDS
 BRED AND OWNED BY
 WALTHAM MASS..

It is gratifying to observe the steady progress and improvement being made in the S. C. Brown Leghorns as we find them at such shows as New York and Boston. While making studies of the above specimens, we were deeply impressed with their elegance of type and uniformity of color. They possessed grand even rich color and had type approaching that of the best S. C. Whites. As an example of typical Leghorn symmetry, the first prize pullet shown in foreground is one of the best produced to date. The cockerel also was an even shade of rich color with an abundance of clean cut striping in both saddle and hackle. Mr. Cook, manager of Grove Hill Poultry Yards, Waltham, Mass., deserves to be complimented on the manner in which he has shown this well known strain of winning Leghorns and with the co-operation of William Ellery Bright, proprietor of Grove Hill Poultry Yards, one of the oldest breeders of this race of "Brown Italians", it is safe to predict that Bright's Brown Leghorns will continue to be popular for years to come.—A. O. Schilling.

IMPRESSIONS OF THE EGG LAYING CONTESTS

PREDOMINANCE OF WHITE LEGHORNS AND LACK OF OTHER VARIETIES AT STORRS. COMPARATIVE FIGURES OF FORMER CONTESTS. INFLUENCE OF CLIMATE AND MARKETS ON EGG TYPE. TEN METHODS USED IN FEEDING TESTS. FOWLS THAT LAY WHITE EGGS IN HIGH FAVOR WITH BREEDERS WHO HAVE ACCESS TO EASTERN MARKETS. BY LIMITING VARIETIES TO THREE PENS ALL ARE PUT ON AN EQUAL BASIS IN MISSOURI CONTEST

BY O. WILSON



THE many entrants of the two egg-laying contests for 1912-13 are getting down to business and it looks like a toss-up, may be, in order if there is to be any real advantage over their predecessors in the previous contests.

At Storrs there is a predominance of White Leghorns and a singular lack of other varieties of the egg type class spurred on possibly, to some extent, by the victories of their favorites in the preceding competition. The White Leghorn breeders responded heartily to the call for volunteers and are represented to the extent of forty-three pens. Increases are noted in but two other varieties over last year's entries, while all others are of the same number or less than were last contesting. This looks like a handicap to the heavy-weight varieties, but by listed comparison we find the egg type exceeding by two pens only, using the customary distinctions applied to these divisions this year as follows:

EGG BREEDS—PENS

S. C. White Leghorns.....	43
S. C. Buff Leghorns.....	3
S. C. Brown Leghorns.....	1
S. C. Black Minorcas.....	1
Blue Andalusians.....	1
Anconas.....	1
Buttercups.....	1
Total.....	51

GENERAL PURPOSE PENS

Barred Rocks.....	8
White Rocks.....	2
Buff Rocks.....	1
Columbian Rocks.....	2
Silver Wyandottes.....	1
White Wyandottes.....	11
Buff Wyandottes.....	2
Columbian Wyandottes.....	1
S. C. Reds.....	8
R. C. Reds.....	5
S. C. Buff Orpingtons.....	2
S. C. Black Orpingtons.....	1
S. C. White Orpingtons.....	4
W. L. R. Cornish.....	1
Total.....	49

In the last contest we were able to show that the combined average of the egg breeds at both places exceeded the combined average of the general purpose varieties by only one egg. Now we are again offered an opportunity for a similar comparison, or will be at the end of the year. The general purpose fowl of the last Storrs contest did their best work during the very cold months of January and February and into a late wet spring before the natural brooding season set in with the advent of warm weather. Many of them did some excellent producing during the moulting period as well.

The Leghorns and similar types got in their fancy work while their heavier competitors were in many instances cooling their feet in the slatted bottoms coops that had been thoughtfully provided for such conditions. This isn't intended to convey the idea that the egg breeds did not produce at all during the cold period, for they did, but in a reduced quantity.

At the close of the ninth week at Storrs all but ten pens have laid some eggs. No severe weather has been encountered and the mass of production is to the credit of the more active type.

COMPARATIVE FIGURES OF FORMER CONTESTS

Compared for a like period with the former contest the following figures furnish us with a better conception of the maturity prevalent in the second competition:

	1st year.	2nd year.
Pens Entered.....	98	100
Egg Type.....	42	51

	1st year.	2nd year.
General Purpose Type.....	56	49
Egg Type Laying.....	36	47
General Purpose Type Laying.....	50	43
Two Years Old Entered.....	5	35
Eggs Produced.....	4050	5072
By Egg Type.....	1693	2576
By General Purpose Type.....	2357	2496

With the advent of some real and continued winter weather it is easy to look back to the records of last year and predict a vast difference in the arrangement of production by type and a comparison at six months should afford some proof of who is who among our winter layers.

While mention was made in a previous comment on the two contests that it was to be regretted that the Mountain Grove contest was to change from five to ten individuals to the pen for their second competition, it was a master mind that placed all varieties on an equal basis by limiting each of them to three pens and by this means securing to their owners an equality that is not afforded at Storrs. But take a look at the arrangement by type. Aside from the ten pens that are equally divided between

(Continued on page 341)



BARRED ROCK COCKEREL WINNER FIRST PRIZE & SWEEPSTAKE
MADISON SQUARE GARDEN NEW YORK DECEMBER 1911.
Bred And Owned By A. C. HAWKINS LANCASTER MASS.

A. C. Hawkins, Lancaster, Mass., has been showing high-class poultry of various breeds for a great many years and we can remember some exceptionally good specimens of some of the most popular varieties that he has produced, and seldom a show season passes that Mr. Hawkins does not bring out a meritorious specimen in Barred Rocks. Last season the cockerel shown in above portrait was the talk of Barred Rock alley at Madison Square Garden, where he captured first prize and sweepstake honors in the cockerel class. Mr. Hawkins winning this season at Chicago of four firsts, one second and other prizes including Silver Trophy for best exhibit of Barred Plymouth Rocks is simply a gentle reminder to his many patrons, that Hawkins Barred Plymouth Rocks are better than ever and still winning the prizes.—A. O. Schilling.

THE BOSTON SHOW

JANUARY 7-11

1913



ALL RECORDS IN ENTRIES AND ATTENDANCE BROKEN AT THE BOSTON SHOW OF 1913. FOUR HUNDRED MORE ENTRIES THAN LAST YEAR. CONCEDED BY EXHIBITORS AND JUDGES TO BE THE GREATEST FANCIERS' EXHIBITION EVER HELD. ANNUAL BANQUET AND VETERAN FANCIERS' DAY FEATURES OF THE WEEK. REVIEW OF THE DIFFERENT CLASSES

BY J. H. DREVENSTEDT



HE Boston Show of 1913 was larger and greater than ever and clinched its title of being "The Greatest Fanciers' Show in America." Manager Atherton deserves all the congratulations extended to him by exhibitors from the West, East, South, North and Canada, who were fortunate enough to be present at this splendidly managed exhibition. We believe the entries were something like four hundred more than last year, but what impressed us most was the well balanced classes, nearly every variety being strongly represented and some of the rarer ones, exceptionally so. The only regrettable falling off was in the Ornamental Bantams, the entries not being as strong as in past years, although the quality was first rate.

The attendance was large and on Sunday afternoon every marked catalogue was sold, so great was the demand. This is a record, as at past shows enough catalogs were left over to supply mail orders that were sent in after the show closed.

The large Mechanics Building was filled with pens on the main floor and on the galleries to the limit of space, but single tiering of the coops prevailed, a most commendable feature. Judges also appreciated this arrangement greatly, as it afforded them a much better opportunity of inspecting the birds. The first day of the Boston Show was seriously interfered with by the weather man, an almost inky darkness prevailing, on the morning of Tuesday, the seventh. This delayed the judging so that the awards in all classes were not completed until the close of the second day of the show. But marked catalogues were on sale Thursday noon. Exhibitors, however, took the delay good naturedly and one might add, received the awards made by the judges in the same manner. The absence of kicking among exhibitors was note-worthy and indicates the true fanciers' spirit that seems to prevail at the Boston Show.

THE BANQUET AND VETERAN FANCIERS' DAY

This was also manifested at the banquet given to the exhibitors and judges at the Copley Square Hotel, Thursday evening, about 275 poultry fanciers attended and enjoyed every minute of it. Good fellowship reigned supreme and so did toastmaster, or rather, roastmaster Atherton. It is gatherings of this kind that bring poultry breeders together and create a sympathetic bond of friendship among them.

Another "happy thought" of the Boston management is the annual dinner given to veteran fanciers, men who have passed the age of 60 years. The old boys present at the

dinner on Wednesday were: W. H. Brockett, 84; F. B. Breed, 78; M. L. Hervey, 76; H. B. Coffin, 73; F. B. Perry, 73; C. B. Travis, 71; Dr. W. H. Lott, 70; Frank C. Fowler, 67; Frank L. Fish, 65; C. A. Ballou, 64; George Urban, Jr., 62; Frank C. Nutter, 60; Dr. C. W. Coolidge, 60. H. B. May and Henry F. Felch were unable to attend on account of illness. Letters were read from Chas. L. Seely and I. K. Felch, regretting that other engagements prevented their attendance at the annual dinner.

ASIATIC CLASSES

New England is the home of the Light Brahma, so we were not disappointed to find seventy-five choice specimens of this splendid fowl on exhibition, and we are assured that in 1914 there will be several hundred Light Brahmas at Boston, as the club show will be held there. Buff Cochins also furnished an agreeable surprise with fifty-six specimens facing the judge, and among them was the finest pen of full feathered Buff Cochins we have seen in a very long time. This pen sent to Boston by Oakland Farms was one of the star attractions of the show, the male at the head of the pen being the Crystal Palace winner of 1912, a grand bird in size, shape and color with tremendous length of leg and foot feathering. We are glad to learn that Arthur and John Sharp, owners of Oakland Farm, have decided to re-enter the poultry fancy and push the Royal Buff Cochins to the front again.

The Partridge Cochins while not numerous, were of the highest standard of excellence in color and type.

Langshans fine classes, Urban Farms making a great record with their grand string of Blacks, winning first, special and silver cup for best Langshan male, first pullet and first pen. "Boston champion," the Black Langshan cock that won the cup, was bred by George Urban, Jr., at Urban Farms, and no happier man could be found in Boston when he received the Sterling Silver Cup, won by this great bird.

THE AMERICAN CLASSES

Both the Barring and White Plymouth Rock classes were well filled with many excellent specimens, birds of a very high standard in type and color. The star in our opinion, however, was a pullet exhibited by Grove Hill Poultry Farms in a display pen. This little lady was a gem in color and barring, the former being of that desirable blueish cast and the latter being composed of sharply defined bars of equal width that blended harmoniously in the different sections.

Buff Plymouth Rocks good classes throughout. Partridge

Rocks made a most excellent showing, the quality of the winners being surprisingly good, notably the first prize cockerel exhibited by Master J. V. R. Bright, son of William Ellery Bright, proprietor of Grove Hill Poultry Farm. This bird in our judgment is the most perfect specimen of the variety ever exhibited, and we have handled and seen



RIDGE EGG FARM

WEST NYACK N.Y.

FIRST PRIZE SINGLE COMB WHITE LEGHORN HEN
MADISON SQUARE GARDEN DEC. 1911.

A very typical White Leghorn female in shape of body, showing good length of back, a nicely shaped and well spread tail, full and prominent breast, graceful neck and fine comb and headpoints. Not only a handsome but a useful bird as well. A blue ribbon winner at the Madison Square Garden in the strongest Waite Leghorn classes on the continent, stamps the winner a star of her kind. J. H. Drevestedt.

a number of good ones in the past five years. The head points of this cockerel are ideal, the comb being about as perfect in shape as can be expected to be found on a living specimen, the neck, back, tail, breast, body and legs were not only of fine shape, but formed a composite whole that showed the Plymouth Rock type most strikingly. In color he was equally fine, the neck, back and saddle matching very evenly in richness and soundness of color. There were several other cockerels, less matured in this class, that showed fine type and color. The first prize hen exhibited by Paul Klingbell was another marvel in type and color, the penciling being very clearly defined, in fact she was the best penciled hen of this variety we have handled up to the present time. First and second cocks were excellent in type and fine in color markings. The first pullet was another beautiful bird in color and penciling. First and second pens well matched and strong in color and fine in type.

Columbian Plymouth Rocks small, but good classes. Wyandottes made a great showing, notably the Whites, which brought out some of the best shaped males and females that we have seen at a Boston show. It also brought out a judge in Arthur Duston, who knows what Wyandotte type is. It was a hard two days' work for Judge Duston, but no fault could be found with his awards. John S. Martin came down from Canada with a great string of birds and was rewarded with four blue ribbons, winning first on cock, hen, cockerel and pullet. In type, headpoints and color we do not remember ever seeing a greater quartette of White Wyandottes.

The first prize pullet was a marvel in shape, with a most beautiful head and comb, fine beak and legs and spotless

white plumage. J. W. Andrews was a close competitor, showing a fine string in the Single classes and a grand pen that captured the blue ribbon in the very strongest competition. Mr. Martin wore a smile on his face at Boston after the awards were made that refused to come off, and from all accounts he is still smiling.

Buff Wyandottes fairly strong in numbers and averaging high in color as a rule, although the shape of some of the winners was hardly up to true Wyandotte form. Partridge Wyandottes small, but fine classes. Chas. H. Wood taking the blue ribbons in all the single classes.

Silver Penciled Wyandottes, the finest classes we ever saw and one of the great features of the Wyandotte alley. In color and type, the blue ribbon winners here were in just as fine fettle as at New York, and if there is a finer cock bird of any parti-colored Wyandotte variety in America, we should like to see him.

Columbian Wyandottes were the best I ever handled at Boston and one of the strongest seen at recent shows, 13 cocks, 18 hens, 21 cockerels, 19 pullets and 10 pens competing. The improvement in this variety is most striking, notably in the color markings of the females, the tail covert lacing and striped hackles of the winners being exquisite. In the winning cocks, I also found fine color and excellent type, while the first and second cockerels were very strong in color markings with better Wyandotte type than at past shows. The first prize pen contained about as fine a collection of Columbian females as I ever saw.

Blue Wyandottes small classes. The females showing good type and color, but the males failed in top color and combs, the former being rather smoky, the latter too large.

Silver Wyandottes were not as strongly represented as at past shows, although the winning cock, hen, cockerel and pullet were birds of good type and well laced. There is still too much variation in shape and color markings of

(Continued on page 331)



FIRST PRIZE R. C. R. I. RED COCKEREL
GRAND CENTRAL PALACE SHOW N. Y. DEC. 1912.
BRED AND OWNED BY
JENKINS & PARKS CHATHAM N. Y.

Rhode Island Red type is well portrayed in the above fine specimen of the breed, the depth of breast, length of body and horizontal back being the characteristic features so well blended in this male. In color he was equally meritorious, so deserved the high honors won in a very strong class.—J. H. Drevestedt.

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.
H. G. Froby.

EDITORIALS

IS A CANDIDATE FOR THE OFFICE OF PRESIDENT OF AMERICAN POULTRY ASSOCIATION

A report reached this office, about the middle of last month, to the effect that E. E. Richards, Cedar Rapids, Iowa, had decided not to be a candidate for the office of president of the American Poultry Association.

In view of the fact that we believe Mr. Richards to be the best man available for this position, we wrote him under date of January 20th, expressed our opinion to that effect and urged him to accept the responsibility. Under date January 22nd, Mr. Richards telegraphed his reply as follows:

"Am a candidate for the office of President of the American Poultry Association. Please announce in AMERICAN POULTRY WORLD, February issue."

On the basis of our personal knowledge of the large amount of hard work that has to be done by a man who accepts the position of president of A. P. A., under existing conditions, and taking into account Mr. Richards' manhood, experience and business connections, we believe that his election to this office will be in the best interests of the American Poultry Association and the industry it is seeking to represent.

Practically every man whose name has been mentioned for the office of president of A. P. A. is a personal friend of ours—but that is not the question. Mr. Hicks knows by this time how hard the work of this office is, how much time it requires, what a sacrifice it means of personal convenience, etc. Only a limited number of men who are connected with the poultry industry really can afford the time and money that are required in the faithful discharge of the duties of the office of president of A. P. A.

It is not an office for men to seek or to run after—not the right kind of men. Mr. Richards has made no personal effort to get this office, nor will he. On the other hand, if a majority of the voting members want him to accept the position, he has said that he will take it, and if he does take it he is the kind of a man who will do his level best, first to last.

Editor of A. P. W., therefore, will find pleasure in voting for Mr. Richards and we sincerely hope that a large majority of the other members will feel called upon to do likewise. It should be needless for us to say that we have no personal or business interest in the matter, further than our general interest in the welfare of the American Poultry Association and the poultry industry of the United States and Canada at large.

THE U. S. PARCEL POST IS OFF WITH A GOOD START

Even the postal authorities—at Washington and in the large cities—were of the opinion that the general public would be slow to appreciate the advantages of the new parcels post law and to begin the use of this latest means of transportation of small and light weight packages.

Literally, they reckoned without their host. For example, the following dispatch was published in several daily newspapers of the country, under date January 16th:

"New York, Jan. 16.—In the fifteen days that the parcel post has been in operation the local post-office has dispatched 1,178,449 outgoing packages. It also has delivered 255,869 packages, 49,755 of which were mailed in this city and 206,869 from out of town."

For a new and untried proposition this certainly is quite a record, in one city. During the first fifteen days of January in the neighborhood of 32,000 parcels post packages were handled by the Buffalo postoffice. We saw another news dispatch published about January 16th, which stated that during the first two weeks of January more than four million parcels post packages were handled in the different postoffices of the United States. Allowing for more or less variation in these figures, it is evident

that the parcel post means of transportation is going to be widely popular—no doubt of it.

Still another newspaper report that interested us: It was to the effect that a San Francisco firm of fruit handlers wanted to send three cars of boxed prunes to the eastern market, each box weighing less than eleven pounds, which is the parcels post limit as to weight. Heretofore it would have cost this firm of fruit dealers ninety cents per box to have made shipment by express, but on asking for a quotation to cover the three-car shipment, the goods to go forward AFTER January 1st, 1913, the express company quoted a price equivalent to thirty-six cents per box, doing so for the reason that this entire three-car shipment could have been made by parcels post, under the present law.

It is well understood by A. P. W. readers—those who have read what has been printed in these columns during the last two or three months—that there is no limit placed by the U. S. parcels post law on the number of packages that can be shipped at one time to any one place or consignee, within the limits of parcels post delivery. Provided each package does not weigh to exceed eleven pounds and is not of greater bulk than seventy-two inches for the combined length and girth, ten packages, a thousand packages or fifty thousand packages can be shipped by one person or firm on the same date to any city or village or rural route point in the country, that is reached by U. S. mail carriers or rural route postmen.

In extreme cases, like the one cited above, it is up to the U. S. postal authorities to provide means for transportation and for delivery of parcels post packages at the end of the route. For example, in New York City, on January 2nd, the first work-day after the U. S. parcels post law became effective, the local postmaster had to put on seventy-five more men than he had planned for, also more teams or vehicles than he had estimated would be required.

Let the good work go on. Unquestionably the new parcels post facilities are going to benefit the poultry industry to a very large extent. Eggs for human consumption, also dressed poultry for table use can now be shipped at low cost into every city and village of the country from nearby points up to a limit of fifty miles and hatching eggs can be shipped to all parts of the country at much lower rates than have been charged by the express companies heretofore. This will enable market poultrymen in the vicinity of centers of population to build up a private trade in new-laid eggs and fresh-killed poultry for table use and should also give renewed interest to the general sale of eggs for hatching. Suburban poultry plants should now increase rapidly in number, as a result of bringing the producer and consumer closer together—as the result of government transportation of eggs and poultry for table use practically AT COST. That is precisely what the new parcels post service is aiming to be—a method of transporting small packages without charging a profit.

**TYWACANA FARMS WERE
"RIGHT ON THE JOB"**

New Year's day, 1913, the first day in the history of the United States that it could be done—the Tywacana Farms Poultry Company, Farmingdale, L. I., N. Y., A. E. Wright, superintendent, shipped two hundred single dozen, cardboard boxes of new-laid eggs to as many different localities in the United States, sending them forward by parcels post.

These eggs were shipped to President Taft, President-elect Woodrow Wilson, to Postmaster-General Hitchcock, to poultry journal editors and to many poultrymen.

To make sure that these eggs would go out "promptly on time" the two hundred boxes were delivered to the Farmingdale postoffice the day before the U. S. parcels post went into effect, i. e., on December 31, 1912. To some of the persons who were favored with these new-laid eggs, Mr. Wright wrote as follows:

"Farmingdale, L. I., N. Y.,
"Dec. 31, 1912.

"My Dear Sir
"We are mailing you today a box of eggs under the first shipment made by U. S. Parcels post. Information as to the time they arrive and the condition they are received in, will be greatly appreciated by us.

"Respectfully yours,
"Tywacana Farms Poultry Co."

Writing further, under date of January 9, 1913, Mr. Wright reported:

"We shipped these eggs to all parts of the country, from Boston to San Francisco, and have heard from nearly every shipment, except San Francisco, and every one reports having received them in safe condition.

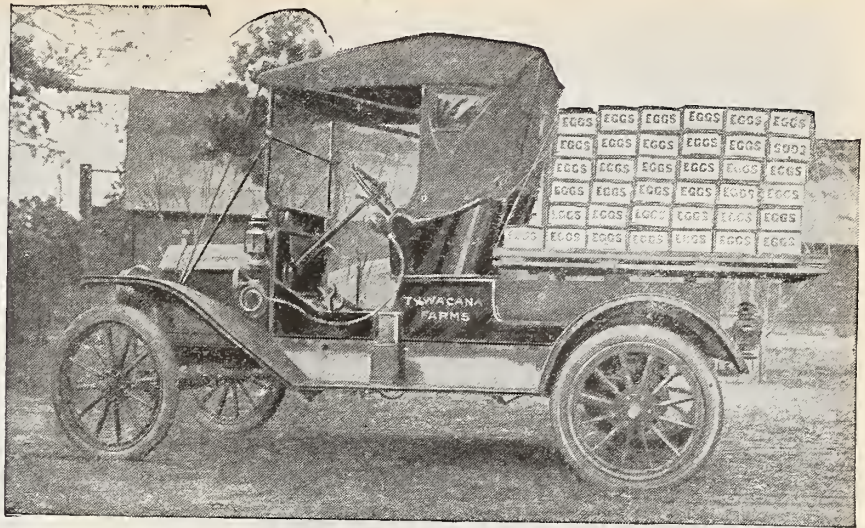
"In regard to the postage on eggs, would say it costs us 4 cents on a dozen from here to New York City, the same to Boston, 20 cents to Buffalo, and 36 cents to far away San Francisco. Buffalo is in the fourth zone from Farmingdale—a distance of about five hundred miles.

"We pack these eggs with a piece of cotton in the end of each tuoe, then cover each end with a cardboard disc. Our idea in using the cotton is in case any eggs get broken, the cotton will absorb the leakage and thus prevent damage to other mail matter.

"We are getting a good many orders from New York City for these parcels post eggs and expect to build up a large trade in that line. For the month of January we are getting seventy cents per dozen and shall issue price cards on the first of every month, keeping the price of our new-laid eggs about twenty cents, above the current market quotations."

By means of the U. S. parcels post, these new-laid eggs—and those for sale by other producers—can now be delivered daily, or every other day, or twice a week, to private customers located almost anywhere in cities and villages—in our rapidly increasing centers of population.

The parcels post mailing boxes used by Tywacana Farms Poultry Company in making the two hundred shipments above referred to, are made and sold by the Tywacana Manufacturing Com-



Tywacana Farms automobile used in conveying two hundred dozen new-laid eggs to the Farmingdale, Long Island, N. Y., postoffice, representing the first large shipment of eggs made by parcels post in the United States.

pany, also located at Farmingdale, L. I., N. Y.—see their advertisement on page 362 of this issue of A. P. W. This firm also manufactures shipping boxes for day-old chicks and "The Wright Hatching Egg Box", for the use of poultrymen in shipping eggs of standard-bred fowls to all parts of the United States, also to foreign countries where the parcels post is in use.

Herewith is shown an illustration of the automobile used by the Tywacana Farms in conveying to the U. S. postoffice at Farmingdale probably the first shipment of new-laid eggs sent by parcels post in the United States of America. This shipment represented a valuable test—also a good example of advertising. A. P.

W. congratulates Mr. Wright on the invention of the Wright shipping boxes for chicks and eggs, also the Tywacana Manufacturing Company on its stroke of enterprise—due credit for which is here recorded.

OUTLOOK IS BRIGHT FOR SECURING \$100,000 POULTRY BUILDING

It is a bit singular that a committee of the New York State Branch of the Rhode Island Red Club of America should be working hard to secure a new poultry building at the State Fair Grounds, work that naturally should be done by the State Branch of the American Poultry Association, assisted by the parent body, but this



FIRST PRIZE WHITE ORPINGTON COCK BUFFALO SHOW 1911.
BRED AND OWNED BY
LAWRENCE JACKSON HAYSVILLE PA.

WHITE ORPINGTONS

An Established Strain with an Established Record

Write for catalogue giving list of winnings at Madison Square Garden, Chicago, Buffalo International, Cleveland, Allentown, Hagerstown and Pittsburgh. We have supplied hundreds of guaranteed winners and have started thousands of people in the chicken business with breeding stock at moderate prices, quality considered. We are now booking orders for winners for the fall and winter shows, in Single Comb as well as the new Rose Comb White Orpingtons, on payment of a small deposit. A few bargains left in yearling breeders. "Poultry for Profit" gives the essentials of the poultry business. Price 25 cents. It contains no advertising. Our advertising is free for the asking.

We Have Improved the White Orpingtons
And We Can Improve Your Flock.

Lawrence Jackson Farm, Allegheny Co., Box W, Haysville, Pa.

TURTLE POINT FARM

R. C. White Leghorns
S. C. White Leghorns

Black Leghorns
Silver Leghorns

The Home of Leghorns

R. C. Brown Leghorns
S. C. Brown Leghorns

We won over 150 ribbons at the last New York, Boston and Albany Shows. Choice males, females, trios and pens at reasonable prices. We endeavor to please you. Catalogue free.

W. W. MANNING, Prop., W. W. ANDERSON, Mgr., SARATOGA SPRINGS, N. Y.



The beautiful White Leghorn male illustrated above was the star of the Leghorn alley at Boston last year, winning the championship in his class. In purity of color he was exceptionally fine, while his graceful lines conform closely to Standard ideal in shape, the comb and headpoints also being excellent.

is what is going on—and with success.

What is known as the legislative committee of the New York State Branch of the R. I. R. Club of America consists of I. L. Whitmyre, Schenectady, N. Y., Geo. W. Tracey, Kinderhook, N. Y., and Robert Seaman, Jericho, N. Y. It is our understanding that Mr. Seaman is chairman of the committee.

Readers of A. P. W. have been kept informed as regards the work of the above named committee—work that

reaches back over a period of two years or more. The last New York legislature enacted a law which appropriated \$100,000 for the erection of a fine new poultry building on the State Fair Grounds at Syracuse, but Gov. Dix felt called on to veto the bill—not because he was opposed to it, but because at that time the money was not available. The committee has persisted in its work, however, with the full co-operation of the State Fair Commission and it would seem that the chances now are excellent for securing the new poultry building this year—in time for use at the annual fair to be held next September. The following correspondence bears on the subject:

Jericho, N. Y., Dec. 18, 1912.

Editor American Poultry World:

"I have been in correspondence with the State Fair Commission and am enclosing you a clipping which they forwarded to me, showing that they have already taken up the matter of giving us a new poultry building, at the State Fair Grounds, Syracuse, N. Y., before the next fair in September.

"Please inform your readers that the New York State Branch of the R. I. R. Club have started work on the matter, and if anyone has any suggestions to offer we would be pleased to hear from them.

"Very respectfully,
"Robert Seaman."

The newspaper clipping referred to by Mr. Seaman, which was forwarded to him by a member of the State Fair Commission, reads as follows:

"NEW POULTRY BUILDING
"Structure will be Erected at State Fair
"at Cost of \$100,000

"A decision was reached at a meeting of the State Fair Commission yesterday morning to have a poultry building to cost \$100,000 completed before the opening of the 1913 exposition. It will be of the same general type as the cattle building and the finest structure of the kind in the world."

Under date of January 10th, 1913, Mr. Seaman, as a member of the legislative committee of the New York State Branch of the Rhode Island Red Club of America has mailed a circular letter to well-known poultrymen and friends of poultry culture in New York State, from which we quote as follows:

"I met State Fair Commissioner Jones last month and he informed me that the State Fair Commission would have a bill drawn up, asking the Legislature for the following: \$100,000 to be available on the signing of this bill for a new poultry building, and \$250,000 available October 1, 1913, for a Coliseum and moving of the race track at the State Fair Grounds, Syracuse, N. Y.

"Wanting to find out what more could be done to further the matter, I wrote Messrs. Whitmyre and Tracey to meet me at Albany on Monday the 6th inst. Mr. Whitmyre met me, and we called on Commissioner Huson, who informed us the bill had been drawn as stated above and had been sent to the Legislature. We also spoke to him about appointing a poultryman on the State Fair Commission. He said that at the present time there was not any one on the board who was familiar with poultry, and he would like to see some one appointed that was familiar with poultry.

"Then we called on Governor Sulzer and, after stating our business regarding a new poultry building at the State Fair Grounds, he said he approved of State Fair improvements and wished we would write him, so that he would have it before him when the question came to him from the Legislature. We also spoke to him about the appointment of a State Fair Commissioner, which he probably will make soon, and recommended the name of George W. Tracey, Kinderhook, N. Y. The Governor also asked us to write him on this matter and he would consider it."

ALDRICH WHITE ORPINGTONS

THE STRAIN OF QUALITY



If you wish the **Best S. C. White Orpingtons** either stock or eggs at **lower prices** than they have ever been offered before by any reliable breeder, write us telling us exactly what you want and we will quote you prices and send our beautiful Catalog and Mating List of 64 pages with two color plates.

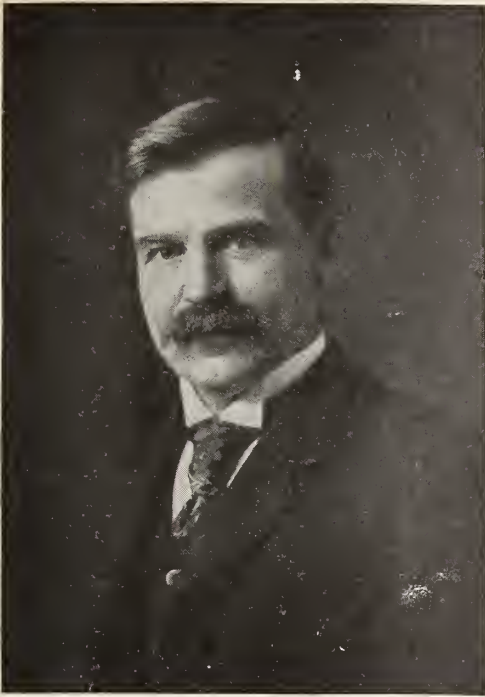
We have again proven the **Superior Quality** of our stock in this seasons six largest shows in America, at Madison Square Garden, Chicago, Baltimore, Atlanta, Allentown and Augusta where we entered 153 birds, 111 of which won 59 prizes out of a total of 150 offered at these six shows, as well as 30 specials. Our birds were in competition with 983 birds shown by 153 exhibitors from 30 different states as well as the pick of birds from Canada and England. Our record of five first prizes in one week at Baltimore and New York is quite remarkable. All these birds are now in our 30 mated pens, from which we are selling eggs at \$5.00, \$10.00 and \$15.00 per setting of fifteen. We can also supply high class breeding cockerels and cocks at \$10.00, \$15.00 and \$25.00 and pullets and hens at \$5.00, \$10.00 and \$15.00 and ship on approval.

Send in your order and become one of our many satisfied customers.

ALDRICH POULTRY FARM,

4075 N. High Street,

COLUMBUS, OHIO



James E. Rice, Professor of Poultry Husbandry at the New York State College of Agriculture, Cornell University, Ithaca, N. Y., one of the World's foremost investigators and instructors in poultry culture and the man to whom great credit belongs for securing for the poultry interests of the Empire State the \$90,000 poultry building that is to be dedicated at Cornell the third week of this month.

If the above mentioned bill is passed by the Legislature and receives the signature of Governor Sulzer, it will result in the erection of the finest poultry building located on any fair grounds in the world. Undoubtedly the State Fair Commission is in earnest about this matter and we believe that the chances are several to one that the new bill will become a law during the present session, also that the new building will be erected without delay.

—o—

\$90,000 POULTRY HUSBANDRY BUILDING TO BE OPENED THIS MONTH

In connection with the good prospect for a \$100,000 poultry building to be erected this coming summer on the New York State Fair Grounds at Syracuse, A. P. W. is glad to publish herewith two advance pictures, showing the exterior of the new poultry husbandry building that is to be opened and dedicated at Ithaca, N. Y., the week of February 17-22, 1913—which building is a part of the New York State College of Agriculture, conducted in connection with Cornell University.

Under date of October 17th, 1912, James E. Rice, Professor

of Poultry Husbandry at Cornell, wrote us as follows:

"With this letter I am enclosing three prints, showing the first photographs taken of the new poultry husbandry building, now practically completed. Unfortunately, the contractors have not removed all of the structural material from the foreground and background, which somewhat mars the beauty of the photographs. Later, when the grounds are all graded, I shall be glad to have other photographs made and sent to you with the compliments of the poultry department."

Two of the photographs above referred to are reproduced herewith. They show the size and substantial character of the new \$90,000 poultry husbandry building erected as part of the State College of Agriculture by the use of money appropriated by the State Legislature three years ago, the bill being signed by Governor Charles E. Hughes, now a member of the United States Supreme Court. Also find herewith three diagrams showing the floor plans of the new poultry building, including the first, second and third floors of the three story structure. Describing this building, Professor Rice states:

"The structure is rectangular in shape, 132 feet long and 48 feet wide in the central portion, and 37 feet wide at the east and west ends. It contains a basement, three stories and an attic. It is planned eventually that there will be loggias extending from each end of the main building, and leading to a judging pavilion to the westward and to an incubator building and brooder houses to the eastward. These buildings will be one and one-half stories high without basements and will ex-



"Just Like Tecktonius!"

but it can't be helped, "Every little added to what you got makes a little bit more"—and

Tecktonious S. and R. C. Buff Leghorns

are bound to continue at the "head of the procession," as America's distinctive and superlative "best general-purpose fowl." This because these unequalled birds have earned their title, and continue year after year to successfully defeat all contestants. At the big Chicago Poultry Show of December 12th to 17th, 1912, the "Tecktonious Strain" S. and R. C. Buff Leghorns again effected

Another Big "Clean-Sweep"

taking down the following: 1st, 2nd, 3rd, 4th and 5th Pullet; 1st, 2nd, 3rd and 4th Hen; 1st, 2nd, 4th and 5th Cockerel; 2nd, 4th and 5th Cock; 1st Pen on Single Combs. 1st Cock; 1st Cockerel; 1st and Hen; 1st and 2nd Pullet; 1st Pen, on Rose Combs. Also all Cups and Specials, for shape and color. A signal victory for the "Tecktonious Strain"—following upon 252 egg record, at National Poultry Association contest, six previous consecutive clean-ups at the Chicago Shows, and my big winnings at all the big shows of N. Y., Boston, Providence, Baltimore, Pittsburgh, Cincinnati, Columbus, Nashville, Little Rock, Dallas, Houston, Galveston, New Orleans, Des Moines, Minneapolis, Spokane, Regina, Sask., etc., At the close of last year's Chicago Show, I challenged the world to produce the equal of my birds. To-day

I Again Challenge The World

and will be happy to meet "all comers." In the meantime—I'm doing business. If you want to

Get In Right---In The Poultry Business

let me know your requirements or your plans for the future, and I'll tell you what "Tecktonious" can do for you. Just now I have ready a number of good breeding Trios and Pens, mated for best results—prices \$25 and up. It will pay you to know more about these; ASK ME. Mating list ready for mailing February 15th; file your request now, and get a first copy off the press. There's money for you in the poultry business—if you adopt "Tecktonious" Buffs. Better get your share started your way. I'M READY.



F. E. Tecktonious, Route 6, Racine, Wis.



NEW YORK STATE POULTRY HUSBANDRY BUILDING.

Front view (October, 1912), of Poultry Husbandry Building at Cornell University, Ithaca, N. Y. Is to be opened to the public during "Farmer's Week", February 17-22, 1913.

tend north and south, the front end on the same line as the front of the main building.

"The building was planned to meet the requirements of the four principal activities of the Department; namely, (1) administration, (2) teaching, (3) investigation and (4) extension.

"This required provision to be made for handling large classes of two or three hundred students or more in lecture courses and proportionately large sections in laboratory work and in the practice (handicraft) courses; to handle the administrative affairs of managing a large producing plant and the storage and sale of products; to provide facilities for experiment and research work in the field, pen and laboratory and to prepare for use, throughout the state, in extension activities, the most useful information available in concrete and teachable form."

Accompanying this article is a half-tone reproduction of a recent photograph of James E. Rice—the man who did more than anyone else to make possible the securing of the \$90,000 appropriation for the New York State Poultry Husbandry Building and who has the distinction of being the first person to deliver lectures on poultry husbandry at a public institution of learning in the United States.

So far as our knowledge goes, the first instruction in poultry husbandry in this country was a course of ten lectures given by Professor Rice to a

class of fifty or more students in Cornell University during the winter of 1891-1892, at which time he was an assistant under Professor Roberts in the Agricultural Department at Cornell.

Two years before this, in the years 1889-1890, Professor Rice conducted a feeding experiment with hens and chickens to compare wide and narrow rations, so called. The results of this experiment were submitted by him as a thesis for graduation in 1890, and

this paper was published in the annual report of the Cornell Experiment Station in 1892.

However, it should be stated in this connection that Dr. W. H. Jordan, now of the New York State Experiment Station at Geneva, was the first to carry on investigational work with poultry at a public institution in this country. He conducted a feeding experiment while director of the State Experiment Station at Orono, Maine, in which he compared wide and narrow rations in the feeding of poultry and published the results in a bulletin in the year 1887.

Dating from Prof. Rice's first course of ten lectures delivered at Cornell University in the winter of 1891-1892, poultry instruction has been continued at Cornell without interruption down to the present time.

In the year 1896, Dr. A. A. Brigham started the first winter poultry course at Kingston, R. I., at the Experiment Station conducted in connection with the Rhode Island State College of Agriculture and Mechanic Arts. It is understood that this was the first regular winter course given at a public institution for poultrymen in the United States.

It was in the year 1903, that Pro-



ANOTHER VIEW OF NEW YORK STATE POULTRY HUSBANDRY BUILDING. Cost complete will be \$90,000. Is a part of New York State College of Agriculture. Dimensions are, 132 feet in length, 48 feet in width in the central portion and 37 feet in width at the ends. Height, three full stories.

KEELER'S WHITE WYANDOTTES

THE ARISTOCRATS OF THE WHITE WYANDOTTE WORLD



Miss Supremacy, First Pullet, Topeka, Kan., 1911-12

They combine Size, Shape, Style, Headpoints, and above all, the power of re-production having been line and pedigreed bred for the last nineteen years. They possess the best blood lines in existence.

THE WORLD'S GREATEST STRAIN

Of the World's best breed. This strain has established more successful breeders than any other strain. This strain produces a larger per cent. of high class birds than any other. Have produced the winners at America's leading shows for the past nineteen years, i. e., Chicago, Kansas City, Indianapolis, Cleveland, St. Louis World's Fair, New Orleans, Denver, Los Angeles, etc., The strain that you must have to be successful. Better buy them first as last. Start right by starting with Keeler Birds.

EGGS—EGGS—EGGS—EGGS—EGGS—EGGS—EGGS—EGGS—EGGS—EGGS

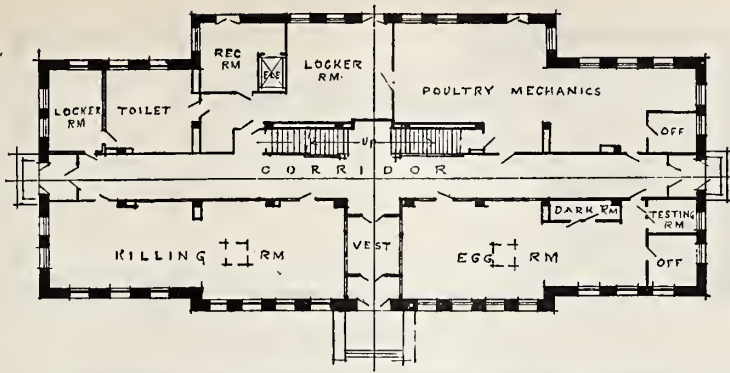
For the season of 1913 I have made 16 of the grandest matings that have ever graced Keelersville, they contain most of my prize winners at Topeka, Kans., Dec. 1911-12 and the best birds reared the past three seasons, and sons and daughters of these great birds. They are bred right and mated right to produce winners at America's largest shows another season the same as they done in the past. My 60-page 1913 catalogue of America's finest White Wyandottes describing the 16 best matings in America free for the asking (stamps appreciated.) **EGGS, \$5 per 15; \$9 per 30; \$14 per 50 and \$25 per 100. EGGS, from special matings \$10, \$15 and \$20 per 15.** 500 cocks, hens, cockerels and pullets in selected breeders at from \$15 to \$150 a pen. State your wants clearly and address

KEELERSVILLE,

R. F. D. 17,

WINAMAC, IND.

CHAS. V. KEELER, Proprietor and Manager



First floor plans, Poultry Husbandry Building, Cornell University, Ithaca, N. Y.

Professor Rice took charge of the sub-department in poultry husbandry at Cornell, which was then a part of the department of animal husbandry, under Professor H. H. Wing. A few years later this was made an independent department, with a full professor in charge.

Shortly before Professor Rice went to Cornell in 1903 to take the position of assistant professor in poultry husbandry, F. H. Stoneburn, also well known as an earnest and resultful worker in the field of poultry culture, was made an assistant professor of poultry husbandry in the Connecticut Agricultural College at Storrs.

Summing up, therefore, it appears that the first systematic instruction in poultry husbandry must be credited to Cornell University; that the first regular winter course in poultry was given at Kingston, R. I.; that the first assistant professorship of poultry husbandry was inaugurated at the Connecticut Agricultural college, and the first full professorship of poultry husbandry and the establishment of the first independent department devoted to poultry culture are to be credited to Cornell—to the New York State College of Agriculture. It would appear also that the first investigational work was begun at the Experiment Station at Orono, Maine, and that this was followed by W. B. Wheeler at Geneva, N. Y., in 1888—the investigational work of Prof. Rice coming next, in 1890 at Cornell.

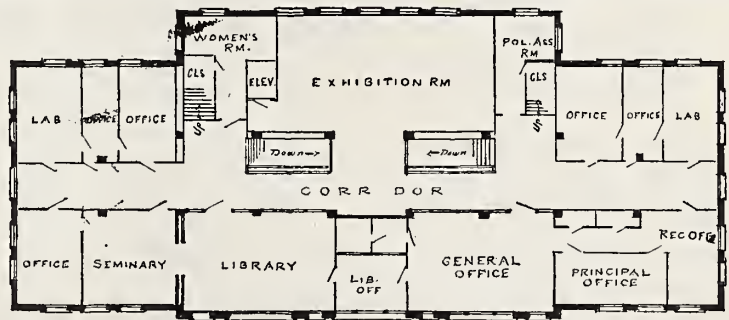
This period of development extends back practically a quarter of a century. All things considered, remarkable progress has been made. At the present time twenty-five or more states are devoting public funds to regular instruction in poultry culture. During this quarter of a century the poultry industry has developed from a

point where the annual product did not reach \$200,000,000 to a point where at present it is believed that it has passed the billion dollar mark. Professor Rice occupies a position of high prominence in this work, although he is still a comparatively young man.

It would appear that the Empire State is to continue in the lead as regards the teaching of poultry husbandry, thanks to Professor Rice and to numerous other interested persons who have upheld his hands, encouraged him to go on and rendered valuable assistance from time to time. With this \$90,000 building erected at state expense expressly for the benefit of the poultry interests of the state, together with the \$100,000 poultry building promised for the State Fair Grounds at Syracuse, the fact will be published to the world that New York State is alive to the importance of the poultry industry within her borders and stands ready to give substantial encouragement to the development of the industry in all branches.

A. C. HAWKINS' GREAT WINNING IN BARRED PLYMOUTH ROCKS AT CHICAGO SHOW

For years western poultry show managers—especially at Chicago—



Second floor plans, Poultry Husbandry Building, Cornell University, Ithaca, N. Y.

Rockland Strain of S. C. White Leghorns

ARE

WINNERS

For the Show Pen or Egg Production.

Mating List, Big Egg Book, Incubator and Record Cards

FREE.



A Typical Rockland Strain Female.

RIDGE EGG FARM, WEST NYACK, N. Y.

GROVE HILL POULTRY YARDS

again win best display in single Comb Brown Leghorns at Madison Square Garden 1912-1913. Also First Pen, First Pullet, 2-3-5 Cockerel; Fourth Cock in competition with the cream of the Brown Leghorn world in a large class of birds. Our pullet-mating display pen of Barred Plymouth Rocks at Boston Show, Jan. 6th to 11th, 1913, was the wonder of all visitors both in quality and condition and our Lady Betty one of the pullets in this display was pronounced by breeders and judges to be the best pullet raised in 1912. A few grand breeders including Cockerels from the pen that produced Lady Betty, for sale.

GROVE HILL POULTRY YARDS, William Ellery Bright, Prop., F. G. Cook, Supt., Box 804, WALTHAM, MASS.

have been trying to induce foremost eastern poultrymen to exhibit in the west. A number of eastern poultry specialists have complied with this request, but we believe we are correct in saying that A. C. Hawkins did not venture along this line until the present winter, although he has been a frequent and consistent winner at the great eastern shows—New York and Boston—for a period of thirty years.

Chicago held its greatest poultry show this winter—December 12-17, 1912—and among the exhibitors who were made welcome at this foremost show of the central-west was A. C. Hawkins of Lancaster, Mass., who exhibited a fine string of "Royal Blue" Barred Plymouth Rocks and in a class of 404 birds won as follows:

- First exhibition pen.
- First pullet-mated pen.
- First pullet-mated cock bird.
- First pullet-mated cockerel.
- Second cockerel-mated pen.
- Third exhibition cockerel.
- Fourth exhibition cock bird.

The foregoing winnings gave Mr. Hawkins eighty-four points against forty points that were won by his nearest competitor. Said Mr. Hawkins, at the recent Madison Square Garden show:

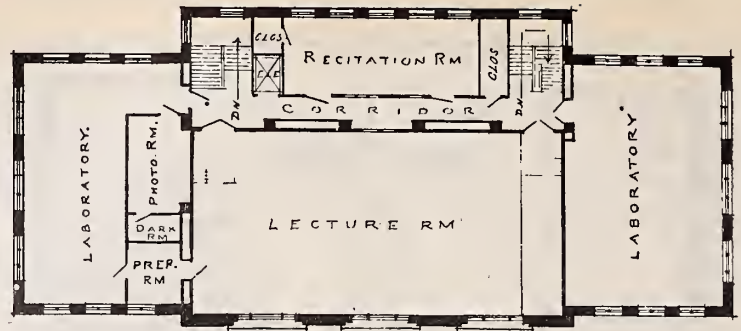
"Have never enjoyed myself at a great poultry exhibition more than I did at Chicago. Was made to feel at home right from the start and I could not complain of the treatment I received at the hands of the judges. As you know, I never 'kick' on the decision of the judges. Have never made a protest in my life, nor used up valuable time chewing the rag. I try hard for all I can get, aiming to put my birds in the pink of condition—then I accept with thanks and a smile what the lords of the linen duster see fit to apportion as my share—and generally I get enough to satisfy even a man of my appetite for the blues, the reds and the rest of the winning colors."

Continuing his remarks, Mr. Hawkins said:

"It may interest you to know that I made my first exhibit of Barred Plymouth Rocks in the old Madison Square Garden just thirty years ago this month. At that time there was a class of 260 birds and I had the good fortune to win all five firsts and most of the specials. At that time the late P. H. Scudder was my strongest competitor. During that show I sold W. K. Vanderbilt \$600 worth of Barred Rocks, including a cockerel for \$50.00. Not long after that I sold Barred Rocks to Henry Ward Beecher. Never had the pleasure of making a sale to P. T. Barnum, but should like to have had the chance to try."

Mr. Hawkins reported that sales were good at Chicago—also that the inquiries and sales have been good through the mails since early fall. Last spring and summer trade was quiet, this being the case to a disappointing extent last March and April, especially in the line of eggs for hatching. He looks for a good spring business this year and said he was not at all surprised that the abnormal demand of a year or two ago for White Orpingtons and Rhode Island Reds has subsided, whereas the customary demand for Barred and White Rocks, White Wyandottes, etc., seems to be steadily on the increase.

*** Are you a beginner? If so you should have a copy of "Successful Poultry Keeping." Tells you how to succeed. One dollar the copy ***



Third floor plans. Poultry Husbandry Building, Cornell University, Ithaca, N. Y.

WORDS DIRECT FROM CANDIDATES FOR A. P. A. OFFICES

Under date of January 11th, Robert H. Essex, Buffalo, N. Y., president of the New York State Branch of the American Poultry Association, wrote to the poultry press as follows:

"As I have been named in numerous poultry papers as a candidate for the

presidency of the American Poultry Association, I would like to tell those interested that I am not in the field.

"While I fully appreciate the honor of the proposal, the New York Branch presidency, together with the work of assisting in the preparation of the market poultry and egg standard, take up all the time I can afford, and my opinion is that a man who accepts the responsibilities of office should be prepared to work for all he is worth."

BLUE HILL POULTRY FARM

BARRED PLYMOUTH ROCKS

Maintained their wellknown prestige at the Big Albany Show in a hot class of 210 birds. They won 1st, 2nd, 5th pen young, 2, 4, 5 cocks, 2, 5 cockerels, 2, 4, 5 hens, 1, 2, 4 pullets, winning more points than all competitors combined, winning large list of specials including \$20.00 gold piece for best display of Plymouth Rocks. The Blue Hill strain have won at Madison Square Garden and Palace, N. Y., Shows. Fine breeding stock for sale. Eggs from exhibition cockerel and pullet matings, \$5.00 per setting. If you want the best at the lowest prices. Address

BLUE HILL POULTRY FARM, P. J. Canavan, Prop., PHILMONT, N. Y.

SUNNYBROOK FARM

EATONTOWN, N. J.

White and Columbian Wyandottes - Utility S. C. White Leghorns

JANUARY 11, 1913.

AMERICAN POULTRY WORLD,

GENTLEMEN:—

We said last summer that we were raising a lot of good **White Wyandottes** we told you the truth. After a trip of 1,100 miles, our **Whites** won **Best Display** with 65½ points to our nearest competitors 35, at the Southern International, Atlanta, Ga., December 18th, 1912.

Our Columbians make an absolutely **Clean Sweep**.

There were **173 White Wyandottes** from all over the country competing. Even to those from Missouri this is proof of quality.

You would be interested in the remarkable picture contained in our new catalog. They show the whole of our 130 acre farm. We send the catalog on request.

Yours very truly,

SUNNYBROOK FARM,

Box 14, EATONTOWN, N. J.

Charles D. Coleman

Prop.

Under date of January 4th, John A. Murkin, Nashville, Tenn., informed the poultry press of his candidacy, as follows:

"I take this opportunity to inform you that I am a candidate for the office of secretary of the American Poultry Association at the coming election. I will appreciate your vote and influence."

Writing under date of January 2nd, S. T. Campbell, Mansfield, Ohio, now secretary of A. P. A., wrote to A. P. W. as follows:

"I am a candidate for re-election to the position of secretary of the American Poultry Association and on my record—the constructive and progressive work accomplished during the past three years—ask your support."

"Please announce in your journal that I will appreciate the support of the members, and in the future, as in the past, will conduct the affairs of the association in the same business-like manner that has proved so successful in recent years."

"During the last three years, three thousand new members have been enrolled and the business of the secretary's office has been conducted practically without a complaint."

Under date of January 11th, Secretary Campbell wrote to the editor of A. P. W., as follows:

"We thank you for your good article in the AMERICAN POULTRY WORLD, January issue. You have, however, made an error in stating that the present secretary has served five years, or nearly so. He had served but three years up to the time of the last annual meeting and is now on his fourth year. Please correct this error in February number."

Samuel J. Hopper, Dallas, Texas, first vice-president of A. P. A., has announced his candidacy for a position on the executive board as an elective member. Mr. Hopper has held the office of first vice-president during the last two years. He has worked hard and faithfully for the association—and did so before he was elected to office. For one or two years he served as president of the Texas State Branch of A. P. A. Mr. Hopper has mailed to members of the association his views as to how the association should be conducted, especially along financial lines.

Arthur A. Peters, Denver, Colo., president of the Colorado State Branch and a member of the finance committee of the parent body, has mailed postal cards to members of the association, announcing his candidacy as an elective member of the executive board. It was Mr. Peters who did so much for the association in connection with the thirty-seventh annual convention held in his home city a year ago last August. Mr. Pet-

ers deserves well at the hands of the active members of the association.

Blank nominating ballots are to be mailed to all members of A. P. A. during the first week of this month and the election ballots will be mailed out the first week of April. By May 5th to 10th we shall know who is elected. The list of successful nominees will appear in April number of A. P. W.

ONE HUNDRED AND TWENTY-TWO NEW MEMBERS JOIN AMERICAN POULTRY ASSOCIATION

Since the last issue of AMERICAN POULTRY WORLD went to press the following new members have been elected to membership in the American Poultry Association, by action of the Executive Board:

KANSAS—W. E. Kincaid, Galena; Albert White, Erie; J. D. Stallings, Oswego; Mrs. E. F. Lant, Dennis; C. S. Bailey, Parsons; C. V. Ladow, Fredonia; W. W. Stover, Fredonia; Mrs. Clyde Myers, Fredonia; C. R. Bergan, Parsons; Dr. Harry E. Duncan, Humboldt; R. E. Bausman, McCune; R. C. Stallings, Oswego; Frank R. Larary, Parsons; Wm. R. Royer, Coffeyville; J. R. Stallings, Oswego; Cleveland Carson, Mound Valley; Chas. Chapman, Oswego; D. E. Wassam, Neodesha; A. H. Vanderhoff, Neodesha; J. L. Cornean, Neosho Falls; R. M. Fevurly, Easton; Fred McCabe, Coffeyville; C. C. Workman, Parsons; W. K. Heaton, Larned; H. C. Temple, Oswego; F. I. Mehr, Oswego.

OHIO—H. J. Blocker, Akron; J. O. Somers, Bedford; Geo. W. Enger, Randall; S. R. Krupp, Wadsworth; Hayes R. Bricker, Wooster; M. L. Walker, Colwood; S. Price, Flushing; C. E. Exline, Canton; J. E. Kelly, Xenia; Eastern Ohio Poultry & Pet Stock Ass'n., Alliance; Jos. McCann, Columbus; Alex. Thompson, Berea; C. C. Palmer, Whipple; W. H. Bruns, Jr., Woodville; R. B. Powers, Ashley; E. G. Reid, Bucyrus; D. A. Tobias, Bucyrus; Ora Overholser, Eaton; W. A. Pardonner, Ingomar; E. R. Brown, Centerburg.

IOWA—Eli F. Hersey, Parkersburg; Harry Betts, LaPorte; R. J. Johnson, Humboldt; Theo. Seyb, Richland; W. F. Hemmorling, Cedar Falls; J. W. Clark, Scranton; Henry F. Jacobson, Keystonc; Vinton Poultry & Pet Stock Ass'n., Vinton.

WISCONSIN—S. F. Taylor, Waupaca; F. W. Schoenfeld, Edgerton; Langlade Poultry Ass'n., Antigo; Robt. Pribbenow, Arlington; Wm. F. Bell, Arlington; R. C. Church, Elkhorn; W. L. Becker, Oshkosh.

ILLINOIS—J. H. Carpenter, Glen Ellyn; John C. Planc, Belvidere; Fred Landgraf, Marissa; Herman F. Klingbell, Petersburg; Wm. A. Parker, Danville; W. A. Fletcher, Smithshire; E. R. Bramley, Palmyra; Frances P. Dobbins, Table Grove.

MICHIGAN—Hubert D. White, Saugatuck; C. A. Bloss, Owosso; H. Sutton, Fowler; Theo. F. Millsbaugh, Detroit;

U. S. Beebe, Owosso; L. G. Humphry, Detroit.

PENNSYLVANIA—S. B. Twining, Yardley; Henry D. Stichter, Philadelphia; A. C. Schlumpf, Sewickley; E. D. Haney, Sellersville; Andrew McCrea, Chestnut Hill; S. Meller, Philadelphia; Charles E. Brinley, Philadelphia.

SOUTH DAKOTA—S. W. Pollard, Highmore; Dr. J. L. Martin, Vermillion; Chas. W. Cook, Hooker.

NEW JERSEY—E. H. Kluge, Englewood; Walter Tavernne, Westfield; D. M. Clifton, Riverton.

FLORIDA—LeRoy Gardinea, Jacksonville; Maude R. Keepers, So. Jacksonville; Polk Co. Poultry Ass'n., Lakeland.

MISSOURI—W. A. Morrison, Higginsville; W. H. Burks, Bolivar; T. W. Lynes, Felton.

KENTUCKY—Pendleton Pope, Louisville; A. W. Haller, Louisville; John S. Steer, Dry Ridge.

LOUISIANA—E. L. Dietz, Lafourche Crossing; Louis N. Brueggerhoff, Shreveport.

CALIFORNIA—C. A. Wilkins, Sacramento; Wm. Carey Marble, Los Angeles.

W. VIRGINIA—Huber Shull, Elm Grove; Geo. Hibbard, Edgewood.

CONNECTICUT—Stamford Poultry Ass'n., Stamford; L. C. Bonfoey, Vernon.

VIRGINIA—Courtland H. Smith, Warrentown; J. F. Dunston, Lorraine.

MONTANA—Milk River Valley P. & S. Ass'n., Havre.

DIS. COLUMBIA—Capital Poultry & Pigeon Ass'n., Washington.

OKLAHOMA—E. M. Reid, Morrison. NEW YORK—Ossining Fanciers' Assn., New York.

INDIANA—Edward Chambers, Aurora.

MASSACHUSETTS—William H. Déper, South Lincoln.

MINNESOTA—Lyle Poultry Ass'n., Lyle.

TEXAS—T. L. Means, Belton; T. C. Jacobs, San Antonio; S. J. Martin, San Antonio.

UTAH—Salt Lake Co. Poultry Ass'n., Murray.

GEORGIA—O. A. Muse, Clarkston.

ALBERTA—M. C. Wallace, Calgary.

ONTARIO—Niles Halstead, Harrow.

MARYLAND—W. F. Presgrave, Salisbury.

CALIFORNIA—J. J. McCulloch, Inglewood.

Here is a fine list of new members. It will be noted that the mid-west states are doing extra well in the way of new members, especially Kansas and Ohio, with Iowa, Wisconsin, Illinois and Michigan following their lead.

Does this look like Detroit for the next annual meeting, or doesn't it? In the foregoing list New Jersey has contributed two new members, New York one new member, Maryland one,

BOWN'S COLUMBIAN ROCKS THE BEST UTILITY FOWL IN EXISTENCE

MY BIRDS ARE CHAMPIONS

Winners at Madison Square Garden, New York, 1913, 1 Hen; 2, 4 Cockerel 4; Pullet.
Winners at Buffalo International Show, 1913, 1, 2, 3 Cock; 1, 2, 3 Hen; 1, 2, 3 Cockerel; 1, 2, 3 Pullet; 1, 2 Pen.

Columbian Plymouth Rocks are grand winter layers. They have yellow skin and legs to meet the requirements of the best dressed poultry markets. They grow rapidly and are very hardy and do well when it is necessary to confine them to the limits of a town or city lot. They are the same size and type as all the other varieties of Pismouth Rocks, and have the attractive and beautiful markings of the grand old Light Brahma.

Every bird in my matings for this season will be a winner or directly related to one, and when you order eggs you will get them from the same pens as I use. Careful selection of my breeding stock will limit the supply of eggs for hatching. Now is the time to order Eggs from the best matings of Columbian Rocks in America, \$5.00 per 15. 15 Choice Cockerels for sale at \$5.00 each.



LEW H. BOWN,

EAST AURORA, N. Y.

District of Columbia one, West Virginia one, etc.

Somebody ought to "start something" down in the neighborhood of Atlantic City, provided this ocean pleasure resort is to secure a large vote as the next annual meeting place. Atlantic City is making a good effort in the way of soliciting votes and, in our opinion, will entertain the convention in an admirable way, to good advantage generally; yet the large increase of new members in the central-west is suggestive, to say the least. Detroit is not making much of an effort to get the convention, but it may be thrown into her lap, nevertheless. And this would be a pity, provided Detroit really does not want the convention bad enough to work hard to get it.

"DAN" YOUNG WAS AGAIN IN THE LEAD AT MADISON SQUARE GARDEN, DECEMBER 31st, 1912-JANUARY 4th, 1913

A year ago D. W. Young, Monroe, N. Y., the world's most successful specialty breeder of Single Comb White Leghorns, made a "clean-up" at Madison Square Garden, New York City, and this year he did almost as well. In very strong competition Mr. Young's winnings were as follows:

First, third, fourth, fifth and sixth cocks.

Second, fourth, fifth, sixth and seventh hens.

First, second, third, sixth and seventh cockerels.

First, third and fifth pullets.

Third and fifth pens.

There was dissatisfaction with the judging of the White Leghorns this season—and for good reason, in our opinion. The judge who passed on this class is an experienced, long-time breeder of Brown Leghorns, but it was made evident by his awards that he is not right down-to-date as regards the finishing touches in White Leghorns, especially as regards shape outlines in back and saddle sections.

But this is neither here nor there. Whoever won a prize in S. C. White Leghorns at this year's New York Show, did well indeed. The main trouble was that the prizes were not placed where they belonged. For example, Mr. Young would have changed a number of his awards—those placed on his own birds. Mr. Young's birds this year were every bit as good as last year—in fact, somewhat better, but it must be ad-

mitted that he had stronger competition.

A country-wide interest is being developed in the highest quality obtainable in Standard-bred S. C. White Leghorns—a variety that is supposed to be strictly utility, on account of its wonderful laying power. On the other hand, there is nothing more beautiful in fowldom than a down-to-the-minute White Leghorn male bird in perfect plumage, or a nobby White Leghorn female in the same condition of plumage. The Leghorns are well named "egg machines", but they also possess "good looks" in abundance.

D. W. Young is doing the poultry world a truly great service in the development of the standard-bred

quality of S. C. White Leghorns. During the last ten years he has improved them to a degree of excellence never before equalled. Stock of his production is going to all sections of the United States, also into foreign countries, and is benefiting the White Leghorn variety wherever it goes.

C. F. Webster, Girard, Pa., made a great winning at Cleveland, Ohio, as follows: 1-2 cock, 1-2-3 hen, 1-2-3 cockerel, 1-4-5 pullet, 1-2 pens. Mr. Webster showed one of the finest strings of White Rocks at Cleveland that I have seen together this season, his first pen being the talk of the show. He states he is in position this year to handle an increase in business and anyone wanting quality White Rocks will do well by dropping him a line. A. J. B.

SALE OF S. C. WHITE LEGHORNS *McAlpin and Cleveland Strains*

Must dispose of 300 yearlings at \$1.00. 350 pullets from 75 cents to \$1.25 to make room. All stock farm raised. 100 Acres devoted to the Leghorn. Address

ORCHARD GROVE FARM,

EAST SCHODACK, N. Y.

Red Quality Poultry Yards—Rose and S. C. R. I. Reds—Leading Exhibition Strains

At big Camden Show won Best Display on S. Combs, First Cockerel one entry on R. C. won 6 Blues on R, and S. C. Reds at Big Northampton County Fanciers Show. Stock and Eggs for sale.

A Square Deal Our motto. Address

Chas. G. Ziegenfus, Manager,

Bethlehem, Penna.

HOUDANS

that win best display at Philadelphia and both New York Shows.

F. J. REVELEY, EAST HAVEN, CONN.

***Eiden's* S. C. Black Minorcas**

The Birds with the Size, Type and Color. Cockerels and a few Choice Pens and trios for sale. Order to-day.

JOE EIDEN,

JEFFERSON, WISCONSIN

**S. C. Buff and White Leghorns Silver Campines
S. C. Black Minorcas**

Prize stock or utility eggs for sale after February 1st, 1913.

90 per cent fertility guaranteed. For booklet

and prices address

RED SOX FARM, John I. Taylor, Prop., DEDHAM, MASS.

SHAYLOR'S BARRED PLYMOUTH ROCKS

Again win the highest honors at the Big Boston Show. In a very strong and big class, we won 1st and 4th pens, 2nd cock, 3rd and 4th hens, 1st pen. Cockerel was considered a wonder in type and color. We won several specials including special for best two pens. Elegant exhibition and breeding stock sent on approval. Eggs from the finest of exhibition cockerel and pullet matings, for sale. The breeding and judging of poultry is our sole business.

SEND FOR CATALOGUE

C. H. SHAYLOR & SON,

LEE, MASS.

ELDORADO CRYSTAL POULTRY YARDS

If quality is what you want, we have it, our breeding pens are made of high class stock this season. The first pen of White Orpingtons at the Great Tri-State Fair, at Memphis, now heads our yards, besides them we have 1st, 2nd and 3rd prize pens of the Eldorado Annual Fair. Also 3rd and 4th cocks of the New Orleans Show of last season, have a lot of young stock that have never been shown that are well up in quality; can furnish stock and eggs at all times write us your wants.

ELDORADO CRYSTAL POULTRY YARDS, Mrs. J. C. Hudson,

Box 53,

ELDORADO, ARK.

REDUCING THE DEATH RATE OF CHICKS

Correct Feeding Means More Profit to the Poultry Raiser

A New Jersey woman who raises chickens was recently asked whether she found it profitable.

"Oh, I make a little out of it," she said, "but not as much as I would make if I could raise all my chicks. Why, do you know that last spring I didn't raise half my hatch! What happened? I don't know. They just died in spite of all I could do."

This is a very common experience. In fact infant mortality has always been the bugbear of the poultry raiser. Once the fluffy youngsters are guided safely through their babyhood, the owner breathes easier. But how to do it! There's the rub. Modern science says the answer is *correct feeding*.

Baby chicks naturally possess a very delicate digestive apparatus, and it doesn't take much to throw their tummies out of gear. Therefore, it stands to reason that great care should be exercised in selecting their food.

A solution of the problem is offered by the H-O Company of Buffalo, which for years has devoted much time and money to the subject of the scientific feeding of poultry. This Company, after long investigation and experiment, produced a Steam-Cooked Chick Feed, especially prepared to bring chicks past the danger period. The steam-cooking makes the grain more easily digested. It is a logical idea, has the unqualified approval of expert poultry raisers, and the feed itself has proved its value in thousands of instances throughout the country.

It certainly seems no less reasonable to feed a baby raw meat than to feed a tender chick raw grain. So the advent of a pre-cooked feed for these little peepers may be regarded as a distinct forward step toward truly correct feeding.

In addition to Steam-Cooked Chick

Feed, the Company mentioned above, also makes other feeds to meet the requirements of the chicken in all the stages of its development.

Each one is the result of the scientific investigations of poultry experts and chemists, combined with the exact knowledge of millers who know how to select, mill and blend the different kinds of grain used in producing these feeds.

Steam-Cooked Chick Feed and the other H-O Poultry Feeds are sold generally by dealers and should be easy to obtain.

TECKTONIUS' BUFF LEGHORNS

Probably the foremost breeder in the central west is F. A. Tecktonius, of Racine, Wis. As a result of his success in the show room and good business methods, Mr. Tecktonius does a business in the sale of Single and Rose Comb Buff Leghorn stock and eggs that each season runs into five figures. Of recent years Mr. Tecktonius has made it a practice to show a big string at Chicago and he has invariably carried off the lion's share of the prizes. This year the classes of both Rose Comb and Single Combs at the Chicago show were larger and better than usual, but Mr. Tecktonius' entries kept up the pace they have set and won on Single Comb Buff Leghorns, 2-4-5 cocks, 1-2-3-4 hens, 1-2-4-5 cockerels, 1-2-3-4-5 pullets and 1 pen. On Rose Combs he won all five firsts, his complete winnings being 1 cock, 1-2 hens, 1 cockerel, 1-2 pullets and 1 pen. In addition he won all cups and specials for shape and color on the Rose Comb variety. Mr. Tecktonius believes that beauty is more than skin deep and that Standard-bred birds will outlay and make more profit than any other kind. One of his birds recently made a record of 252 eggs in a year, and when it is taken into consideration that according to census reports the average egg yield per hen is less than 80 eggs a year, this performance may well be considered remarkable.

Mr. Tecktonius is president of the American Buff Leghorn Club and has taken a very active part in its work. He has issued a splendid catalogue that he will be glad to send to interested readers of AMERICAN POULTRY WORLD. Address F. A. Tecktonius, Route 6, Racine, Wis.

PERMANENT AMERICAN POULTRY ASSOCIATION HOME

The committee appointed to receive offers for a permanent home for the American Poultry Association desires that all such offers be sent to the chairman of the committee before February 1, 1913. All offers to be in writing, giving definite information about what is proposed, and to be guaranteed by some reliable business organization or reliable business men. All offers to be filed by March 1, 1913.

The city that secures the permanent home of the American Poultry Association will not only become noted as poultry headquarters, but will be considered the greatest poultry center in America. The large amount of poultry correspondence will necessarily make this city prominent as a poultry center and be worth a great deal in an advertising way for any city. This is in addition to the actual benefits to be derived from the national officials being located in any one city.

The Committee will be pleased to correspond with any city that wishes to make an offer.

No special building or location is required, but each city is urged to make its most liberal offer along such lines as, in the opinion of those making the offer, will appeal to the members of the Association.

All offers will be treated as confidential until opened for investigation and publication to the Association.

Reese V. Hicks, Chairman, Topeka, Kan.; T. E. Quisenberry, Mountain Grove, Mo.; E. R. Thompson, Amentia, N. Y.; Rufus Delafield, South Plainfield, N. J.; G. H. Rudy, Mattoon, Ill.

WILLIAM COOK & SONS

ORIGINATORS of all the Orpington Fowls and Ducks

Box W,

SCOTCH PLAINS, NEW JERSEY

Established 1873



Eventually, if after the *Best Orpingtons*, any variety, you will buy from their *Originators*. *Why Not Now?* and avoid loss and disappointment. Our *guarantee of safe delivery* and *satisfaction* is backed by a reputation of *forty years standing*. This means much to you.

Send 10c for Illustrated Catalog containing history of the Orpingtons and Hints on Poultry Keeping. *Mating List now ready*.

Eggs from our 1913 winners and the *finest Orpingtons* in the world, including our first prize Madison Square, 1913, Buff Orpington Cockerel, **\$20.00 a setting**, three settings for \$50.00. Eggs from fine stock \$10.00 a setting. Several thousand stock birds always for sale.

Remember that Cook Orpingtons are recognized as the Best, and if you can advertise "Cook Strain" it will add prestige to your stock and money to your bank account. **Ask the people who own them.**

We have won cups for best display of Orpingtons at every show where we have exhibited this season. See our winners in Mating List. Advice free. Inspection cordially invited.

EDITORIAL NOTES AND COMMENT

WILLIAM C. DENNY
— ASSOCIATE EDITOR —

Twice in succession E. B. Thompson, Amenia, N. Y., originator of the Ringlet strain of Barred Plymouth Rocks, has won a majority of the first prizes at Madison Square Garden, New York City—doing this a year ago and repeating the operation at the show held December 31, 1912-January 4, 1913.

Following are Mr. Thompson's winnings at this year's exhibition:

"First, second, sixth and eighth on cockerels.

"First and sixth on pullets.

"First, second and fifth on exhibition pens.

"First on cockerel-mated pen.

"Second, third, fourth and fifth on cocks.

"Sweepstakes Special for champion male.

"Sweepstakes Special for champion female.

"Diploma presented by the American Poultry Association for best cockerel.

"Sweepstakes cup for best Plymouth Rock hatched in 1912, male or female, any variety.

"Challenge silver cup for best exhibition pen.

"Special for best shaped male.

"Special for best colored male.

"Special for best shaped female.

"Special for best colored female.

"Special for best cock, cockerel, hen and pullet.

"Special for four best cockerels.

"Special for four best pullets.

"Twenty-five dollar special prize presented by the New York Show for finest display.

"Also several other cash specials and silver cups."

To state it in another way, Mr. Thompson won more first prizes at this exhibition than all other competitors combined in Barred Plymouth Rock alley. Furthermore, he won more first, regular and special prizes than any other exhibitor at this show. Mr. Thompson states that no other Barred Rock breeder has ever won the champion male and champion female prizes at one and the same Madison Square Garden exhibition.

We have in Mr. Thompson a specialty breeder who loves the work and puts heart and soul into it. For twenty-five years or more he has studied the Barred Plymouth Rocks and undoubtedly owns today as fine a strain of choice birds of this variety as has ever been established in this or any other country. His success is one more example of the fact that it pays to concentrate on any given task,

rather than to scatter one's forces over too much territory.

"Ed" Thompson, as he is familiarly called, is piling up a modest fortune in the standard-bred poultry business, and he deserves every dollar of it. His victories are the result of hard and persistent work, extending over a long period of years. He may have equals in the Barred Rock field, but he has no superiors. His latest annual catalogue will prove a revelation to men and women who are not well posted on the standard-bred branch of the poultry business and the values represented therein. Mr. Thompson has attained a position that any man might well envy—and we congratulate him heartily on his pre-eminent success.

Persons interested in successful poultry keeping should send for a copy of a new handsome catalogue just issued by the Robert Essex Incubator Co., entitled "Making the most from Poultry." This new book is personally written by Robert Essex who in several chapters tells of the things he has learned during his quarter century experience with poultry as breeder, lecturer, editor and manufacturer.

Included in the chapters are "How to Start Right," "How to Get More Profit From Hens," "How to Make Money with Standard-bred and Show Birds," etc. Designs of 27 styles of poultry houses in use at the different experiment stations are illustrated and described, cost is also furnished, so that thousands who are intending to build may get the benefit of what has been found best adapted for the requirements of the different sections of the country.

The full line of incubators, brooders and poultry keepers' supplies manufactured by the Robt. Essex Incubator Co., are illustrated and described and will prove of interest to users as well as intending buyers.

The New York City branch of this concern is located at 67 Barclay St., where a full line of everything manufactured by this concern is carried in stock. It affords the eastern customers an opportunity to secure their requirements near home without the loss of time required for transportation. Agencies have been established in different sections of the country for the same purpose.

A copy of the catalogue can be obtained by addressing Robt. Essex In-

cubator Co., 13 Henry St., Buffalo, N. Y., or 67 Barclay St., New York City.

At the late New York Show in talking with A. G. Connolly, Proprietor of Meadowbrook Poultry Farm, Nazareth, Pa., about White Indian Runner Ducks as money makers, Mr. Connolly stated that during the laying season 20 White Indian Runner Ducks would lay 20 eggs a day. Last season Mr. Connolly bred from four selected ducks and sold \$240.00 worth of eggs at regular prices, i. e., \$5.00 per 11, or \$40.00 per hundred, an average of \$60.00 worth of eggs from each duck.

At Madison Square Garden this year Mr. Connolly's entries won first old drake, first old duck, second young drake and second young duck, four birds shown. His first prize old drake was a racey bird with splendid carriage and a good wedged shaped head, in addition to possessing size. Mr. Connolly's birds as shown at the Garden Show were also very strong in color of legs and bill, being a deep rich orange. In addition to breeding White Indian Runner Ducks, Mr. Connolly is a successful breeder of White Plymouth Rocks, U. R. Fishel strain.

August D. Arnold, Box D, Dillsburgh, Pa., who has had a hand in making several breeds popular, is now heavily interested in Silver and Golden Campines and reports having selected and reserved 300 breeders for the season's egg trade.

There seems to be no question about the wide spread interest that is being taken in this breed that is comparatively new to American poultrymen. Breeders from every section report a demand far in excess of the supply and exceptionally good prices obtainable for first class stock. Many will not sell hens or pullets at any price, while the minimum quotations are from \$15.00 to \$20.00 each.

Mr. Arnold was among the first to import Buff Leghorns from Europe and later he was actively interested in helping to introduce Columbian Wyandottes and S. C. White Orpingtons. He is now breeding both Silver and Golden varieties of Campines, and expects a large business with both varieties.

Readers are warned not to do business with an agent signing his name as F. W. Hurst. This person, who is described as a young man eighteen or



SENSATION AT CHICAGO SHOW MARTZ'S CHAMPIONSHIP—BUFF ORPINGTON COCKEREL

We could not compete but this living model of the **Fashion Plate Book** is the best Orpington ever caged in Chicago. 400 cockerels and 600 females finished and ready for sale. Such an assortment of "Top Notch" breeders cannot be found outside my own yards. **EGGS FOR HATCHING**—25 matings of wondrous color, correct type, with the laying habit bred in. **The Big Orpington Fashion Plate Book** describes all matings, my wins at Chicago, Indianapolis, Louisville, Memphis, Nashville and the price of eggs—FREE.

A. E. MARTZ, Buff Orpington Specialist,

ARCADIA, IND.

twenty years old, has been soliciting subscriptions in Georgia, North Carolina and Virginia for AMERICAN POULTRY WORLD, the Ladies' Home Journal, Saturday Evening Post, Woman's Home Companion and other well known publications, without authority from the publishers, and persons doing business with him do so at their own risk. AMERICAN POULTRY WORLD will be glad to receive information about Mr. Hurst from any of its readers.

Splendid laying qualities is one of the reasons for the increasing popularity of the Ancona. In this respect they are rivals of the Leghorn and Campines.

The standard description for Ancona shape is the same as that called for in the Leghorn, but many breeders favor a larger bird than the Leghorn. The first prize Ancona pullet at the recent Boston show weighed 5½ pounds. This bird is owned by Geo. Urban, Jr., Pine Ridge, Buffalo, N. Y., who will breed from a pen of eight pullets all weighing over 5 pounds each. We are informed by Mr. Urban that this larger type of Ancona lay a correspondingly larger egg, some of them weighing as much as 31 ounces to the dozen. Performances of this kind are going to cause the Ancona to become even more popular especially when pullets weigh five pounds or more apiece. They need no longer be classed simply as egg machines, as they will meet the requirements of a light weight market fowl.

266 Buff Wyandottes were shown at Toledo, Ohio, January 6-11, 1913. This is the largest exhibit of this variety ever brought together at a single exhibition. It was the result of energetic work on the part of officers of the American Buff Wyandotte Club who held their annual meeting at Toledo on January 8th.

It was not many years ago that Buff Wyandottes could be included among the dozen most popular standard varieties, judging by the number of birds shown at leading poultry exhibitions, and the interest taken in them by poultrymen. This was before the days of the Orpington and Rhode Island Red that have since caused older breeds to share popular interest. Much interest seems to have been awakened in Buff 'Dottes and during the last show season some splendid classes have been shown.

At the club meeting the following officers were elected: President, Arthur H. Myers, Brooklyn, N. Y.; Eastern vice-president, J. E. Burt, Athol, Mass.; Western vice-president, Henry Hess, Winona, Minn.; Southern vice-president, J. C. Green, Gadsden, Ala.; Canadian vice-president, E. B.

Spry, Toronto; secretary-treasurer, Frank W. Hoff, Toledo, Ohio; members of Executive Committee: The president, secretary-treasurer, Gerald Williams, Northfield, Ohio; Stuart A. Howland, Granville, N. Y.; W. J. Hoebel, Blairtown, Iowa.

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Few poultry associations there are that have made a record equal to that of the Pittsburgh Fanciers' Club who have been holding poultry shows in the "Smoky City", as Pittsburgh, Pa., has become known, for the past fourteen years. During this time, season after season with unfailing regularity,

the Pittsburgh Fanciers' Club have been holding poultry shows that have developed the interest in Standard-bred poultry in the surrounding section of the country and done much for the poultry business. Their exhibitions usually have been the wind-up of the poultry show season, being held during the week in which Washington's birthday comes. This year's show will be held February 17-22 inclusive.

The Pittsburgh Fanciers' Club is a corporation limited to fifteen members. Until a vacancy occurs no new member can be elected. Whenever a

IMPERIAL BUFF WYANDOTTES

"THE GREATEST WINTER LAYERS"

Winners at Grand Central Palace, Philadelphia, Savannah, Ga., etc.

STOCK, EGGS, BABY CHICKS. Write for List
SUFFOLK FARMS, LAKE RONKONKOMA, N. Y.
 ARTHUR H. MYERS, Owner, THOS. FISH, Jr., Mgr., Members American Buff Wyandotte Club.

McEwan's Partridge Wyandottes

Winners at Madison Square Garden, Albany and Rochester and elsewhere. If you want rich brilliant color, beautiful markings and correct shape, I can please you. **SINGLE MATINGS ONLY.** I advocate and practice single matings only. My 1st Pullet Albany 1913, was bred from 1st Pullet 1911 and 1st Cock 1912. Be sure and send for mating list. Eggs at reasonable price.

C. B. McEWAN,

ALBANY, N. Y.



Moore Bros. S. C. White Leghorns

represent the highest development of the modern Leghorn. Their record at such shows as Grand Central Palace, Rochester and Buffalo establishes them as one of America's Leading Strains. They have that style and grace that immediately catches the eye. Sound color, fine heads and low well spread tails is a fixed characteristic in our Leghorns.

YOU CAN WIN WITH OUR STRAIN

We will have twelve selected breeding pens for the Eggs for Hatching and Chick trade. Now booking orders. Send for mating list containing cuts and winnings.

Eggs \$2, \$5 and \$10 per 15. Day-old Chicks from 15c to \$1.50 each.

MOORE BROS.,

Box W,

MOSCOW, N. Y.

AMERICA'S BEST COCHIN BANTAMS

Win Again at the Great Chicago Show

They won more firsts than all competitors combined and more, they won more points than their competitors, winning as follows:

BLACK COCHIN BANTAMS—

3rd cock.
 1st and 2nd hen.
 1st cockerel.
 2nd and 3rd pullet.
 1st pen.

PARTRIDGE COCHIN BANTAMS—

1st and 2nd cock.
 1st and 2nd hen.
 1st cockerel.

BUFF COCHIN BANTAMS—

2nd and 3rd cock.
 1st, 2nd, 3rd hen.
 1st and 4th cockerel.
 3rd and 4th pullet.
 2nd old pen.
 3rd young pen.

WHITE COCHIN BANTAMS—

4th cock.
 4th and 5th hen.
 1st and 3rd pullet.

Just think of this record in America's Greatest Show, every entry winning a place. We also won the following Cash Specials: Best 2 Buff Cochin Cocks; Best 2 Buff Cochin Bantam Hens; 2nd Best 2 Buff Cochin Bantam Cockerels; 2nd Best 2 Buff Cochin Bantam Pullets; Best 2 Partridge Cochin Cocks; Best 2 Partridge Cochin Bantam Hens; Best 2 White Cochin Bantam Pullets; 2nd Best 2 White Cochin Bantam Hens.

If you are interested write us. Our beautiful illustrated 1913 mating list will be ready February 15.

WAHEBE BANTAM YARDS, W. Besuden, Prop., Box 359 R, CINCINNATI, O

BYERS' STRAIN ORPINGTONS

BUFF, BLACK AND PEARL WHITE

During February I offer and will deliver the best \$10 and \$15 cocks and cockerels, the best \$35 and \$50 pens, that I have ever known to be shipped for this money, and I know what the other fellows are furnishing for these figures. Absolute satisfaction is guaranteed you. Give this your prompt attention, for February purchasers are going to get my season's best values.

C. S. BYERS,

Orpington Specialist 14 Years,

HAZELRIGG, INDIANA

member moves from the city his stock is bought in by the Association and a new member elected in his place. The membership of the association has always constituted men prominent in the business life of Pittsburgh as well as in the poultry industry.

Among those now connected with the association are such well known fanciers as Jos. P. Hilldorfer, the well known Black Minorca breeder; Louis Vierheller, breeder of Buff Rocks; E. H. Selden, G. Wash. Moore, F. L. Ober, J. M. Skiles, Thos. P. Best, Geo. C. Sutch and others. Mr. Sutch is secretary of the association and will be pleased to give information about this year's show to all who address him at 4 Lydia St., Pittsburgh, Pa.

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The record win of the season was made by the entries of Skylands Farm at the International Show, Buffalo, N. Y., January 13-18 inclusive. Here in a class of 189 S. C. White Leghorns this farm's entries made a clean sweep and won every prize competed for as follows:

- 1, 2, 3, 4, 5 cock.
- 1, 2, 3, 4, 5 hen.
- 1, 2, 3, 4, 5 cockerel.
- 1, 2, 3, 4, 5 pullet.
- 1, 2 pen.

This achievement is one that is likely to stand for some time to come, number of prizes won and competition considered, and emphasizes the high quality of this breed as it is bred at Skylands Farm.

Skylands Farm, located at Sterlington, N. Y., is the country estate of Francis Linde Stetson, one of the nation's best known corporation lawyers. It is under the able management of Harlo J. Fiske who during the past several seasons has made a splendid record as an exhibitor of S. C. White Leghorns.

At the late Madison Square Garden Show, Mr. Fiske's entries won 2, 7, 8 cock; 3, 8 hen; 4, 5, 8 cockerel; 2, 4, 6, 7 pullet; 1, 4 pen, 22 birds placed out of 28 entered. Mr. Fiske's second prize cock bird possessed rare quality and in our opinion is about the best adult S. C. White Leghorn male shown to date. He was a model for students of Leghorn type and style to study and pattern after.

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At the National Meeting of the American Buff Plymouth Rock Club

Urban Farm Champions

WHITE ROCKS

MOTTLED ANCONAS

BLACK LANGSHANS

SILVER and

GOLDEN CAMPINES

URBAN FARMS,

We will spare a limited number of yearlings and well developed youngsters in

White Rocks, Anconas and Black Langshans
bred from our prize winning strains.

WRITE YOUR WANTS AND LET US QUOTE YOU PRICES
We Are Booking Egg Orders Now.

Pine Ridge,

BUFFALO, N. Y.

Single Comb White Leghorns

TIME, BRAINS AND MONEY

We have invested in our **Single Comb White Leghorns**. We breed two distinct and separate lines—**Show Birds** and **Danish S. C. White Leghorns**. One, to fill the requirements of the **Standard**, the other, to fill the egg basket.

Years of careful breeding in open front houses on free range have given our birds an inherent vigor and vitality which is the key-note of our success.

We make no claims of Best-in-the World or 200 Egg Strain but our **Show Birds** can win and our **Danish Leghorns** have the size and lay the big eggs.

ARMSTRONG BROS.

LOCH RAVEN, MD.

Eggs for Hatching. Stock for Sale.

OLD ACRES

RHODE ISLAND REDS

CHAMPIONS

DO YOU REALIZE that we won the \$50 club cup for the best cock, hen, cockerel, pullet and pen at the annual meeting of the Rhode Island Red Club of America at **Boston last season**; also three of the six ribbons in the great cockerel class at **Madison Square Garden**?

Do you recall that we won first and third cockerel both at Madison Square Garden and Boston the season before last? The above winnings in competition with the largest and best known Rhode Island Red breeders in the East.

How in face of these facts, can you do better than to send to us for your exhibition and breeding stock this year?

Any stock we send you is sent strictly on approval and can be returned at our expense if not perfectly satisfactory.

IF YOU WANT TO WIN let us hear from you. Reference Cosmopolitan Trust Co. of Boston. Address

OLD ACRES

DILLEY & STEPHENS, Owners,

FOXBORO, MASS.

PATTESON'S GOLDEN SILVER CAMPINES



W. M. PATTESON,

represent the most approved type and are made up of carefully selected specimens of the leading strains of America, England and Belgium. That they possess the type and markings desired by our American breeders is attested by their record at the "Great Williamsport Show" in December where in competition with thirteen exhibitors **I won on Silvers 1-2-3-5 cockerel, 1-2 pullet, 1-2 hen, 2 cock, 1 pen. On Golden 1 cockerel, 1 pullet, 1 pen.** "The proof of quality is in the winnings." Do you need more proof than this record? I will have three selected matings of Silver Campines and two of Golden Campines from which a limited number of settings will be sold. First come, first served. A few selected Cockerels in each variety for disposal.

Box W,

PENN YAN, N. Y.

held at Springfield, Ill., January 6-11, Vierheller Bros. of Pittsburgh, Pa., won on Buff Rocks as follows: 1st pen of old; third pen of young and third cock; second cockerel; first pullet; also the National Club cup for the best cock, hen, cockerel and pullet. At the Pittsburgh Exposition Show, January 13-18, their entries won first and fourth cock; first and third hen; first and third cockerel; first and third pullet; first and second pen, and special for best display. Messrs. Vierheller have been breeding Buff Rocks for a number of years and their entries have been successful at such shows as Chicago, Allentown, Hagerstown and other important exhibitions. They have a number of choice birds for sale and are also booking orders from pens containing their prize winners. They will be glad to send their printed matter on request if you mention AMERICAN POULTRY WORLD.

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Persons interested in artificial incubation and brooding should send to Geo. H. Stahl, 219 Elm St., Quincy, Ill., for a copy of his catalogue and book "Raising Poultry for Pleasure and Profit." Mr. Stahl is one of America's pioneer manufacturers of incubators and brooders and during his thirty-five years' experience as a manufacturer of hatching machinery he has sold thousands of incubators and brooders. His catalogue describes his Excelsior line, which is the result of his many years' experience. He

Hazelton & Snyder Columbia County's Largest Breeders of R. and S. C. Reds

Have 1000 fine farm raised cockerels and pullets to sell. We can supply you with show birds that can win in any competition at figures that will surprise you. We must sell—several show cocks to spare—we have the goods.

HAZELTON & SNYDER,

R. F. D.

HUDSON, N. Y.

WHITE INDIAN RUNNER DUCKS

Our ducks are noted for their heavy laying as well as their splendid exhibition qualities. They are very superior in type, style and color.

AT MADISON SQUARE GARDEN, 1912-13

1st old drake, 1st old duck, 2nd young drake, 2nd young duck. Four regular prizes on 4 entries, in hot competition, describes the quality of our strain better than any word description we might give you.

NOW IS THE TIME TO PLACE YOUR ORDER FOR EGGS

We sell from the same pens as we use for ourselves—\$5.00 per 11, \$40.00 per 100. Still have for sale a few young drakes, same blood as our Madison Square Garden winners at reasonable prices. Send for mating list.

MEADOWBROOK POULTRY FARM,

NAZARETH, PA.

FAIRFIELD BUFF ORPINGTONS

This celebrated stud is one of the oldest in the United States. Guaranteed strictly hen hatched and farm grown: At the largest shows held in New York State last year it averaged better than any competitor. Satisfaction guaranteed so we ship on approval. Stock for sale from \$5.00 per bird up; trios \$15.00 and up; pens \$25.00 and up. Eggs \$5.00 per fifteen and up. Write for illustrated price list and record of winnings.

FAIRFIELD FARMS,

A. S. WHITE, Prop., Box B, FAYETTEVILLE, N. Y.

"REGALS" AT BOSTON

After a series of unparalleled winnings in the leading shows of the United States and Canada *Martin's Regal White Wyandottes* win their crowning triumph at the great Boston Show, January 6-11, 1913. They win as follows:—Arthur G. Duston, Judge, Cocks, 1st and 6th; Hens, 1st, 4th and 5th;



CRUSADER III.

Cockerels, 1st 3rd and 4th; Pullets, 1st, 3rd and 4th; Pens, 2nd, 3rd and 4th. Finest Display with a score of 72 points which is the highest score ever made in White Wyandottes at the Boston Show. American White Wyandotte Club ribbons for best Cock, Hen, Cockerel, Pullet and Display. A. P. A. Diploma for best Cockerel. Special for best three Cockerels and three Pullets and \$100.00 Challenge Cup for best Female. My exhibit of Regal White Wyandottes was the sensation of the show and my four Blue Ribbon winners were praised by Judges and Breeders as models of Wyandotte type. This winning in the leading White Wyandotte Show of America places the Regals far in advance of all competitors. 2,000 Cocks, Hens, Cockerels and Pullets for sale of the same breeding as the winners.

Send four cents in stamps for the Regal White Wyandotte Book the finest book ever published dealing wholly with the White Wyandotte. Catalogue and Mating List free. Eggs for Hatching from prize matings, \$5.00 per 15, \$9.00 per 30, \$24.00 per hundred. Special matings \$10.00 per 15, \$25.00 per 45.

JOHN S. MARTIN,

Box W,

PORT DOVER, CANADA

will be glad to send it free to all who mention AMERICAN POULTRY WORLD.

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Morgan Bros., of West Alexander, Pa., won at the Pittsburgh Exposition Show on Rose Comb White Leghorns as follows: first cockerel; first and second hen; second pullet and third pen. They also won third on a pen of excellent Black Langshans. They have a number of choice exhibition and breeding birds for sale at reasonable prices. They will be pleased to send information on request if you mention AMERICAN POULTRY WORLD.

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A recent census of the agricultural students at the University of Missouri engaged in the short course work shows the following interesting figures: Out of 180 students enrolled in the General Farm Poultry Course, eight states were represented and fifty-eight counties in the State of Missouri. Less than ten of the boys came from the city, and, including these in the census, it was found that the average farm poultry flock is about 180 chickens.

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CORRECTION

In the markings of the prizes on Barred Rock pens in the catalogue of the recent Madison Square Garden, New York Show, Yama Farms should be credited with third and sixth prizes on pen. These were the only two entries made by Yama Farms and to have both placed in strong competition speaks well for the quality of their birds. They will be glad to send information regarding their stock to interested persons. Address Yama Farms, Napanoch, N. Y., and please mention AMERICAN POULTRY WORLD.

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AMERICAN BLACK WYANDOTTE CLUB

The annual meeting was held at the New York Poultry Show, at Madison Square Garden, January 4, 1913. It was resolved that in addition to club cups and ribbons at the call of the vice-president, special ribbons be offered at all shows where two or more members competed.

The following officers were elected: President, Geo. H. Boyd, Washington, D. C.; Vice-President, Howard Grant, Marshall, Mich.; Treasurer, Dr. J. Wilks O'Neill, Bergenfield, N. J.; Secretary, Edwin H. Morris.

The Treasurer reported a balance on hand. The cup offered by the Secretary for the most attractive bird, was won by Dr. J. Wilks O'Neill, Bergenfield, N. J. It was awarded by J. H. Drevensstedt and Mrs. Marion Walsh of Briarcliff Manor, N. Y., and was won by a hen with yellow legs.

Mrs. Walsh said to the competitors that she "considered yellow legs on a black bird a great attraction, besides it was a Wyandotte characteristic and if difficult to get it added zest to competition."

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WM. REEPMAYER, Box 60, CO-HOES, N. Y., breeder of S. C. Brown Leghorns, exhibited some of his birds at the Williamsport, Pa., show, and the same week at Morristown, N. J., he showed a different string, winning 3 cock and 1 pen in a class where competition was very hot. His first cock bird at the Williamsport, Pa., show was especially worthy of notice. At the Grand Central Palace show, New York City, Dec. 3-7, Mr. Reepmayer entered two cockerels and won third and fourth.

B. H. SCRANTON, RISING SUN, INDIANA

B. H. Scranton, Rising Sun, Indiana, whose Rhode Island Reds have long enjoyed the reputation of being among the very best in the country, still continue to demonstrate their good qualities as their recent winnings at Louisville, Ky., will prove. The record made at this great southern show is as follows: 1, 2, 3, 4, 5 cockerel, 1, 2, 3, 4, 5 cock, 2 and 5 hen; 2, 4, 5 pullet; 1, 2 old pens; 1, 3 young pens, and \$75 cup for best display in the show. This, following their Hagerstown winning in 1912 and their great Chicago winning of a year ago, proves conclusively that Scranton's Reds are second to none in the entire country.

Mr. Scranton is now booking orders for the Spring egg trade and announces his mating list and catalog is ready and will be sent to interested readers of this magazine upon application.

*** Let us supply your reading matter—look up our clubbing combinations on another page ***



A Bargain Collection of FLOWER SEEDS FOR 12 CENTS

10 choice varieties, all new, fresh seeds, sure to grow and bloom this season. Pansy, 60 Colors; Phlox, 10 Colors; Verbena, 18 Colors; Pinks, 12 Colors; Petunia, 10 Colors; Asters, 12 Colors; Poppy, 8 Colors; Stocks 10 Weeks, 8 Colors; Mignonette, mixed; and Sweet Alyssum. The 10 Packages only 12c.

EXTRA FREE with each order for this Bargain Collection, a specimen copy (worth 10 cents) included of

GOOD POULTRY

a quarterly magazine, devoted to special crops and intensive farming, with special attention to the care and handling of poultry. Tells how to make \$200 per acre per year on any farm from 5 to 100 acres. Good Poultry alone, 10 cents a copy; 25 cents a year. Agents wanted, write today.

SHOREWOOD FARMS CO., Saugatuck, Mich. City Office — 11 N. Market Street, Chicago, Illinois

FERREE'S WYANDOTTES

High class exhibition White Wyandottes, winners grand sweepstake prize \$50.00 in gold at Geneva, N. Y., Dec. 16th-21st, 1912. 1st pen, 2nd cock, 1st hen, 1st cockerel, 1st pullet, 35 points out of possible 36. At Great Auburn Show, Auburn, N. Y., Jan. 13th-18th, 1913—1st and 3rd cockerels, 1st and 2nd pullets, 3rd cock. Buy from man who will sell you winners or eggs that will produce them.

WM. D. FERREE, Cayuga Wyandotte Farm,

CAYUGA, N. Y.

KERLIN EVERGOLD BUFF ROCKS—20 Years in Line

We are booking egg orders from our celebrated winter laying strain. Standard shape and blue ribbon winners. Cockerels and Pullets for sale. Mating list free.

KERLIN FARM,

POTTSTOWN, PA.

SINGLE COMB RHODE ISLAND REDS—Imperial Strain

Bred in Line for 14 years and are the World's recognized leaders, and have won championship prizes at Boston against all comers. We have furnished blue ribbon winners for the World's leading shows. A few choice breeding birds for sale, also eggs from the strongest matings ever put together. I have made the scientific breeding of R. I. Reds my life study. Address

A. F. TILTON, S. C. R. I. Red Specialist,

ROCKLAND, MASS.

Little's Rose Comb Rhode Island Reds

PURE I. W. BEAN STRAIN

Like Begets Like, Our wonderful First Prize Cockerel at Boston this year is a son of our First Prize Pullet at the Big Boston 1912 Show. She also winning color and shape specials. If you wish to improve your strain send to us for a cockerel, pullet or a setting of eggs. We sell from our best. Address

GEO. W. LITTLE,

29 Mt. Vernon St.,

BRAINTREE, MASS.

“O. K.” POULTRY LITTER

We will mail you a Free Sample—Write for it to-day

“O. K.” Poultry Litter is the most wonderful litter for Baby Chicks and Poultry of all kinds. It's cheaper and ever so much better than Straw, Clover, Alfalfa, Sawdust, Shavings, or anything else anyone has ever thought of for litter. Everyone who tries it will use nothing else.

In the Brooder one lot of “O. K.” Litter lasts until the chicks have outgrown the brooder clean, dry and sweet. In Coops, Laying Houses and Scratching Pens, “O. K.” Litter dries up the droppings so that the house is always dry, clean, sweet-smelling and sanitary, and needs cleaning out only once every three or four months. “O. K.” Litter is a tremendous saver of time and money.

“O. K.” Litter will not burn. Lice will not come where it is used. Tell us how many hens you keep—We will tell you how much “O. K.” Litter you need. Write for the Free Sample and printed matter to-day. You need it.

O. K. Company,

DEPT. 172,

160 Pearl Street,

NEW YORK CITY, N. Y.



PROFITABLE POULTRY AND EGG PRODUCTION

The above is the title of a big new 234 page book just issued by the Cyphers Incubator Co., Dept. 31, Buffalo, N. Y., for free distribution among poultry raisers. This book contains eight chapters, as follows: I. What is possible in poultry meat production. II. What can be done in the way of egg production. III. Deep litter feeding experiment of 1912. IV. Quick maturity in general purpose fowls. V. Ages and weight of chickens for table use. VI. How to establish prolific egg-yield flocks. VII. Today's best chance in the poultry business. VIII. Small scale poultry keeping on a practical basis.

With the information contained in the above chapters at your command there is no reason why you should not succeed with poultry. Just write for a copy today and address as above.

AUTOMATIC EGG TRAY

Nearly every reader of this publication is interested in incubators and the improvements in artificial incubation. About as clever a device as we have had our attention called to is the Automatic Egg Turner on the Excelsior Machine, manufactured by George H. Stahl, 219 Elm St., Quincy, Illinois. The eggs are turned without removing them from the machine. A slide is propelled backward and forward, turning every egg.

Mr. Stahl has also equipped his incubator with a visible thermometer at top of machine, always in plain sight—a lamp entirely enclosed which can not be filled when lighted, and a number of new and novel features to be found in no other incubator. It will certainly pay you to send and get a copy of Mr. Stahl's catalog.

NATIONAL WHITE RUNNER DUCK CLUB

Say, do you want to learn of U. R. Fishel's experience with WHITE RUNNERS? DO YOU WANT TO READ what Valentine, Lingo and others say as to the origin of this wonderful fowl? DO YOU WANT TO KNOW the opinion of Patton and Valentine on the Standard for White Runners? All this and more is in the first annual catalogue of the NATIONAL WHITE RUNNER DUCK CLUB. It is the first and most complete BOOK ON WHITE RUNNERS ever printed. There are articles by Fishel, Valentine, Eshbauh, Lingo, Patton, Hermitage Farm, Prof. Beeson and others. Price of catalogue is fifty cents. Free to members. Membership fee \$1.00 per year. Address C. C. Ray, Secretary-Treas., Kirkwood, Pa.

*** "The Orpingtons." All varieties fully described in this complete and attractive book. Seventy-five cents secures a copy ***

*** The good points of all varieties of Leghorns are described in our latest breed book "The Leghorns." Procure a copy by sending us one dollar ***

Broadfield Farm S. C. White Leghorns

D. W. YOUNG STRAIN DIRECT

Winners at Albany and Utica, 1913, Shows. Our birds are noted for their heavy laying, as well as exhibition qualities. Will breed from 200 females selected from 1000 head. Utility eggs \$2.00 per setting, \$6.00 per hundred. Exhibition mating \$10.00 per setting. We can fill egg orders now. We also have for disposal a number of choice cockerels at \$3.00 each and upwards. We guarantee to please you.

BROADFIELD FARMS, C. B. Hay, Mgr.,

GREENWICH, N. Y.

WHITE ORPINGTONS

PARTRIDGE WYANDOTTES

In Partridge Wyandottes at the Buffalo Show, January 13th to 18th, 1913, on three entries won 1st cockerel and 1st and 2nd pullet. At the Fredonia Show, December 30th, 1912, to January 4th, 1913, in class of 48 S. C. White Orpingtons won 1st cock, 2nd cockerel, 2nd and 3rd hen and 2nd pullet also 1st pen in class of 7 pens competing. At Silver Creek show on 6 entries won 4 firsts, 1 second and 1 third. Eggs from 2 fine matings of Partridge Wyandottes \$2.00 and \$3.00 per 15. Will have 5 extra nice matings of White Orpingtons the pick from 300 birds. Eggs at \$1.50 to \$3.00 per setting of 15, \$10.00 per hundred, equal number of eggs from the 5 pens. Some fine breeding stock for sale.

H. WILSON FROST,

FREDONIA, N. Y.

LITTLE'S WHITE WYANDOTTES

By their remarkable winnings for the past two years have clearly demonstrated one fact
"That They Are The Best In The South"

At five of the largest shows held in the South this season won more firsts than all competitors combined, with every class filled with the cream of the South. At the Central Palace Show, New York, won 2nd cockerel. Mating list ready.

T. L. LITTLE,

P. O. Box 534,

CAMDEN, S. C.

Pensyl's White Orpingtons

Win at Bloomsburg, Allentown, Scranton and Madison Square Garden, N. Y., besides winning \$100.00 Challenge Orpington Cups and Specials at 3 shows for best bird in the show. Stock and Eggs for sale. Write for our winnings in full.

C. L. PENSYL,

Box W,

BLOOMSBURG, PA.

WHITNEY & McEWAN, Breeders of

"LORD'S BUFF WYANDOTTES"

We have purchased "the cream" of noted "Lord Buff Wyandotte" stock, including many of his winners at New York, Boaton and other leading shows. We will continue the system of breeding that made Mr. Lord's birds so successful in the show room.

EGGS

EGGS

EGGS

from the same matings as we use for ourselves \$5.00 and \$10.00 per setting. Send for mating list and winnings at the Big Albany 1913 Show.

WHITNEY & McEWAN,

ALBANY, N. Y.

Single Comb Rhode Island Reds Unparalleled Sweep

MADE BY DEARBORN & SHARPE THIS SEASON

GRAND CENTRAL PALACE

Pres. Hicks, Judge

1 cock (shape), 1 cockerel (color).
Best class of Reds to date. \$300.00
refused for first cock.

BLAIRSTOWN, N. J.

G. W. Tracey, Judge

1, 2, 3 cock, 1, 2, 3, 4 cockerel, 1, 2, 3, 4
hen, 1, 2, 4, 5 pullet, 1, 3 pen all specials
including best bird in show.

PATERSON, N. J.

Robert Seaman, Judge

Same week as Blairstown
1, 2 cock, 1, 2, 3 hen, 1, 2, 3, 5 cockerel,
2 pullet, 1 pen.

ALLENTOWN, PA., 1st cock, 1st pullet, special for best Red in Show, \$200.00 refused for her.

PASSAIC, N. J., State Club Show, won 1, 2 cock, 1, 3, 4 hen, 1, 2, 3, 4, 5 cockerel, 1, 2, 3 pullet, 1, 2 pen. Winning State Cup for best display, both combs competing. Best cockerel in American class and numerous specials.

Our winnings this season against the best breeders and under the best Rhode Island Red Judges in America justifies our claim that we made the greatest season's win in the history of The Rhode Island Reds. We still have some very fine breeding birds for sale. We will also sell eggs from the strongest matings in America. Send for catalogue. Address

DEARBORN & SHARPE,

Box W,

BLAIRSTOWN, N. J.

A WORD FOR SILVER CAMPINES

By James H. Walradt

Oh Campine whence did thou come?
From Belgium across the sea,
We are England's adopted children
And they have dressed us very nice
you see.

We now appear in America.
Like due drops in the sun,
The ever ready yankee says
Our career has just begun.
Tis strange how little we are known,
But, gaining friends from day to day,
And don't you think for a moment,
but,

That, we have come to stay.
We are layers of large, white eggs,
Which New York market demands
you know;
And us Campines will soon be the
top-notchers

At every poultry show.
We are the rich man's hobby,
And the poor man's friend,
For we are so very nobby,
To many a God-send,
Brother breeders, we will break this
off, I guess,
Because the Silver Campines are cer-
tainly a great success.

NOTICE TO SPANISH BREEDERS

The American White Face Black Spanish Club is preparing for the press their first annual catalogue. It is our aim to make this catalogue a hummer. No breeder of Spanish can afford to miss being represented in its pages. All new members who join before April 1st, 1913, will have their names in this book. Write for full particulars, advertising rates, etc., to M. H. Lindsey, Sec'y-Treas., Northville, N. Y.

ROYAL SCARLET RHODE ISLAND REDS

We are advised by Chas. C. Hattersley, Nutley, N. J., proprietor and originator of the Royal Scarlet Strain R. I. Reds, that his birds won as follows at the recent Passaic, N. J., show:—1st hen, 1-4 pullets, 2nd cockerel, 1st pen; the first pullet winning shape and color specials from both the Association and Rhode Island Red Clubs of America. Cockerel was also awarded color special. Mr. Hattersley also advised that he will be in better position than ever before to fill orders for eggs for hatching as he has better quality in his pens this season than ever before. Readers of this magazine who contemplate purchasing Rhode Island Red eggs should write Mr. Hattersley and secure a copy of his mating list and prices before placing their order.

* * * Reds! Reds! Reds! Our new book "The Rhode Island Reds" is the most complete and authentic treatise on this breed ever published. Send seventy-five cents and secure a copy * * *

"DICTOGRAPH" CHICKENS AT THE POULTRY SHOW

Baliff A. E. Cowley to Exhibit Breed Discovered by Inventor of Grafters' Nemesis

"The Dictograph Hen" is the latest aristocrat added to the chicken family. She will make her appearance along with her husband at the opening of the poultry show Monday. "Mr. and Mrs. Dictograph Hen" will be entered in the show by Arthur E. Cowley, baliff to Judge M. G. Evans, of the county courts, who recently sentenced State Senator George K. Cetone to the state penitentiary for three years for bribery.

In the poultry catalog, the chickens will appear as "Silver Campines," although they derive their given names from K. M. Turner, discoverer of the Dictograph, who also discovered the "Campine chickens" while in England several years ago on business relating to the delicate instrument which has proven the nemesis of grafters of Ohio and other states.

Mr. Turner told Mr. Cowley about

WHITE LEGHORNS

BRED-TO-LAY
Cyphers, Corning StrainsSEND FOR LIST, BABY CHICKS, EGGS, STOCK.
ARMSTRONG POULTRY FARM, "Bread and Butter Birds".

KIEVIT WHITE WYANDOTTES

Again make great win at Passaic in hot competition for the National White Wyandotte State Cup, winning 1st and 4th cockerel, 2nd hen, 3rd pullet, 1st pen, shape on cockerel, color special on pullet and special for best pen in show, all varieties competing. At Paterson's Quality Show, Display Special, 4 cock, 3-4 hen, 1-2 pullet, 1 pen.

CORNELIUS A. KIEVIT,

York Ave., and Keen St.,

PATERSON, N. J.

COX'S NEW YORK WINNING SINGLE COMB BUFF LEGHORNS

The A. B. C. Strain has Type, Size, Color, Quality and if you want such write me for mating list and prices, Grand breeders properly mated for sale. Eggs for hatching from selected matings. None better and perfect satisfaction assured.

A. B. COX,

49 Thurston Road,

ROCHESTER, N. Y.

PARK VIEW S. C. WHITE LEGHORNS

The kind that lay, pay and win. We breed for vigor and egg production and we have one of the greatest winter laying strains in America. Stock raised on Free Range. We make a specialty of selling Baby Chicks and Eggs for Hatching. Elegant breeders and exhibition birds always for sale. We use the Candee, Address

PARK VIEW POULTRY FARM, W. Edw. Hamilton, Prop.,

TROY, N. Y.

The World's Best Weckler Buff Rocks

They have been line bred for the past 15 years and I have made a specialty of high class show and breeding birds. I have bred, showed and sold more prize winning birds than all other Buff Rock breeders in the State of Indiana. I have mated for this season 4 grand matings. They are mated for best results—every bird is a high class breeding bird as well as many of them prize winners in the show room. All true to Rock shape, up-to-standard weight, heavy bone, extra good eyes and combs. Eggs from this mating, \$5.00 per 15, \$8.00 per 30, \$20.00 per 100 Eggs. I have also mated a fine lot of utility birds, all large, good color, strong and vigorous. \$1.50 per 15, \$6.00 per 100 Eggs.

A. L. WECKLER,

BUNKER HILL, IND.

And Again--Fairview White Rocks Win AT THE GREAT CHICAGO COLISEUM SHOW

For years the White Rock class at this show has been conceded to be the largest and best ever brought together. This year the competition was keener than ever before, Owens Farms and many other noted breeders being there. In fact the very best in the country was there.

AND STILL

Fairview White Rocks won 1st and 3rd Pen and 1st and Grand Championship on hen and 5th cockerel, the most coveted prizes in the show. You can't get better stock no matter what you pay. Egg orders booked now. Write today. Send ten cents for catalogue.

Guy Daily,

Box G,

Jeffersonville, Ind.

THE DANISH LEGHORN

Their Superior Qualities as a Utility Fowl

**By Armstrong Bros.
Loch Raven, Md.**

Some years ago we came to the conclusion that the average life of the average poultry farm was two years and in casting about to find the reasons why so many die aborning, we found that many starters take up the poultry business because they have failed at everything else. Others invest their all, expecting an immediate income, which they find to their sorrow, in-comes-not. Others find the hours too long and the infinite detail a hardship.

But of those who are fit to survive, a very large percentage fails because they find it harder and harder every year to reproduce their stock. Due to the lower and lower fertility and greater and greater difficulty in raising chix to maturity. Now this was the class we were most interested in and we decided that here was a fertile field. The problem was so simple it seems a wonder it exists. But it does exist, and the man who buys a setting or the man who owns a Mammoth incubator will bear testimony to the fact.

We decided to solve this problem by breeding for size, health and egg-production. We liked the Leghorn and while some breeds have been ruined by in-breeding and the craze for color or feather, to say nothing of unnatural housing, the Leghorn as we know it, left something to be desired in weight, size, size of egg and live-ability of the chix.

We came to the conclusion, after looking carefully over the situation, that for our foundation stock, the Leghorns in this country would not do. We therefore imported Single Comb White Leghorns from Denmark, because of their size, health and the fact that they were not inbred for show purposes, but bred first, last and

always for large eggs and lots of them.

They must be wonderful birds on their native soil or the change of climate does wonders for them as they have certainly proved to be wonderful layers of large white eggs, seem to be more vigorous and immune to disease. Our fertility last year ran better than 96 per cent. on over 60,000 eggs sold for hatching. Eggs will average from 28 to 30 ounces per dozen. Pullets will average 5 pounds, cockerels and hens 6 to 7 and cocks 8 pounds. The chicks grow like weeds. We have improved them by breeding off the enormous combs and our birds now come with the average sized comb.

We are breeding these birds on 50 acres of free range, in open front houses. As soon as our chix can do without heat we close the houses and make them roost in the trees. This saves the labor of cleaning our houses and hauling out the manure and hardens the birds. We believe firmly that nothing will improve chickens as much as getting them back as close to natural conditions as possible. Doesn't it strike you as odd that it is always the large up-to-date plants that have trouble with roup, and kindred diseases, while the farmer, whose chickens roost in the trees, don't know what roup or white diarrhoea is?

So we are preaching and practicing the getting back to nature with the Danish White Leghorn.



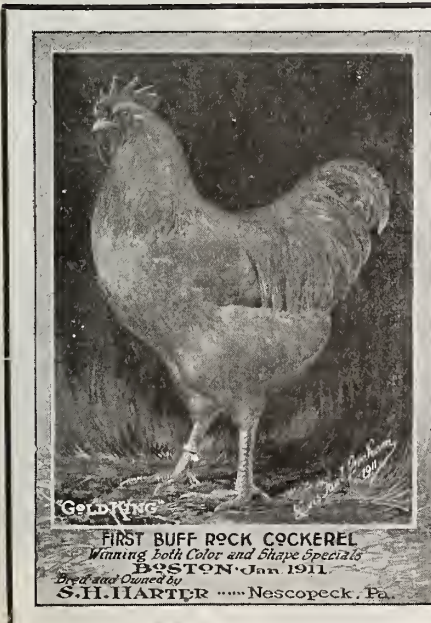
FIRST COCK OHIO STATE SHOW
MANSFIELD, O., 1912. BRED AND OWNED BY
F. M. EAKIN — BUCYRUS, OHIO.

Among those who are producing White Wyandottes that excel in shape and color is F. M. Eakin, Bucyrus, Ohio. The bird illustrated above is one of Mr. Eakin's recent winners, and conveys a fair idea of the progress he is making in producing birds of the approved type.

The show game is a gamble, but the first class, clean, white table egg business is certainly the bread and butter end of the business.

*** You can not afford to subscribe for your magazines before consulting our Clubbing Catalogue—it saves you money—Send today for copy, it's free ***

*** Fifty cents invested in a copy of the "Chick Book" may save you many dollars. Better send your order today.



GOLDEN
FIRST BUFF ROCK COCKEREL
Winning both Color and Shape Specials
BOSTON—Jan 1911
Bred and Owned by
S. H. HARTER — Nescopeck, Pa.

**HARTER'S IMPERIAL "GOLDEN"
BUFF PLYMOUTH ROCKS**

SET THE SEAL OF CHAMPIONSHIP

At the imperial show of all America Madison Square Garden, winning 1st, 2nd and 4th hen; 1st, 2nd and 5th pullet; 2nd cockerel, 5th cock, 2nd and 3rd pens and gold special for best display. At the American Buff Rock meeting held in Boston, January 1912, 1st, 2nd and 3rd hen; 1st pullet, 6th cock, 4th pen, special for best colored female and special for best shaped female, in a class of 37 hens, 48 pullets. Let us supply your wants, either winners or breeders. Our prices are reasonable.

Send for mating list. It describes our 1913 breeding yards, the finest we ever owned. Eggs from the same pens we use for ourselves—\$5 and \$10 per setting.

NESCOPECK POULTRY FARM,

S. H. Harter, Prop.,

NESCOPECK, PA.

EDITORIAL NOTES AND COMMENT

J. H. DREVENSTEDT
—STANDARD EDITOR—

The dates of the next Madison Square Garden Show are December 30, 1913, to January 3, 1914, while the Boston show moves up a week, taking January 13 to 17, 1914. This change in dates should favor the Baltimore Show, as the latter could be held during the week between New York and Boston.

It was unfortunate that the Madison Square Garden and Baltimore Shows were held on the same dates this season, but we hope this clashing will be avoided in the future, as both shows are patronized by nearly the same class of exhibitors.

This brings to mind the fact that the American Poultry Association should exert the same power as the American Kennel Club in regulating the shows held under its rules. This will avoid the clashing of dates of shows held in any one section of the country. We hear that the entry fee for single birds at the Madison Square Garden Show next season will be raised to four dollars. Why not make it five? It's worth it.

Quality and not quantity of exhibits is what all poultry shows should strive for. Low entry fees will fill up the coops with many specimens that look better in the yards than at the show; higher fees bring fewer but better entries. But let the cash prizes be proportionately large when the greater fees are exacted.

Too many shows are held in December and January; too few in November. The latter month is one of

the best to exhibit in, as the weather conditions are more favorable for shipping birds to shows, especially in the north and west.

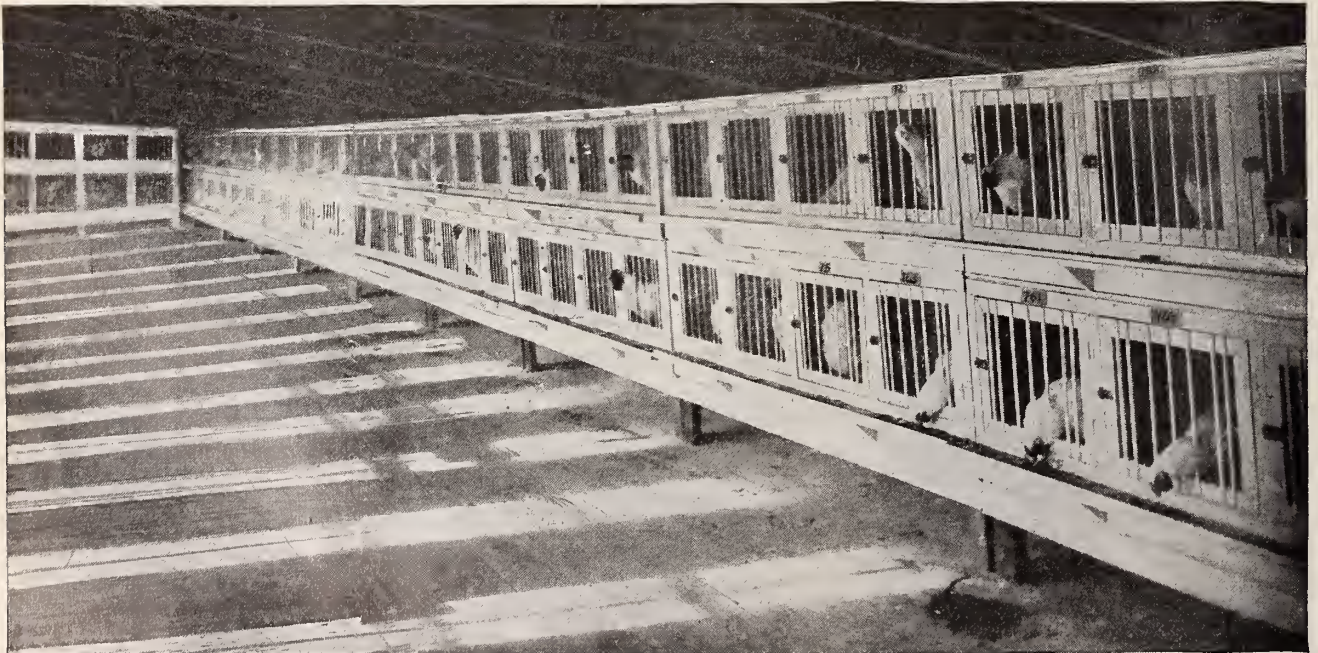
The Ohio State Fair, one of the best in the country, has many fine buildings on its grounds, but none suitable for the many exhibits of poultry that annually are entered at this great fall show. At a meeting of the directors of the Ohio State Agricultural Society, held at Columbus, January 15th, it was decided to ask for an appropriation large enough to cover the erection of a modern poultry building, equipped with the best coops and of sufficient size to accommodate four or five thousand birds. John T. Heizer, the able secretary of the Columbus Poultry Show, is one of the committee appointed to draw up the plans for the new poultry building, and a better choice could not have been made.

Cornish or Indian Game cocks in England are shown with the comb, wattles and lobes removed, but in this country dubbed males suffer the penalty of being cut the full value of the comb, which is six points. At the Chicago Show we learn a very fine Cornish cock was disqualified because he was minus his wattles. This is absolutely wrong, as the penalty for the absence of wattles is but a few points, so that a specimen grand in size and type should win over an inferior one, notwithstanding the handicap. Shape and size is so important in Cornish fowl that color is

secondary, while absence of wattles and comb should be a minor consideration.

Campines are enjoying what is termed "a boom" at present. The white shelled eggs laid by this Belgian fowl is one of the principal factors in booming it, although the Silver Campine is a handsome bird to look at and one that appeals to fanciers who admire fine color markings. The show Campine of today, however, is somewhat different from the Campine of Belgium ten or more years ago. The art of the English poultry fancier has made a new breed from the old one, the white hackle, back and saddle of the latter has been changed into a hen feathered male, showing only the white neck feathers with penciled back, saddle and tail coverts. We have received several letters from old fanciers regarding the change in color markings and also have been requested to give our opinion as to what the correct color markings of the Campine are, and whether the Braekel and Campine are one and the same breed.

The Campines we saw twenty years ago, came from Belgium and the males had Silvery necks, backs and saddles; and at that time one never heard or saw males that were hen-feathered. How the modern Campine was made from the old Belgian fowl, is and always will be a bone of contention. Whether the Silver Penciled Hamburg has or has not been used to improve the color markings of the



An interior view of the new conditioning house at Keelersville, Winamac, Ind., Chas. O. Keeler, Prop. Keelersville is known as the home of one of the greatest strains of White Wyandottes, and is one of the best equipped farms in the country. This new conditioning room allows Mr. Keeler to have on hand at all times upward of 100 males and 200 females in the pink of condition and ready to enter any show. This house together with other equipment is fully described in his new catalogue which will be sent free.

Campine is a matter for English breeders of the latter to decide.

In order to give our readers a correct description of the true Braekel and Campine we give below the statement of Louis Vander Snickt of Brussels, Belgium, made at the Second National Poultry Conference, Reading, England, 1907. Mr. Vander Snickt, whom is a noted Belgian authority on poultry, states:

"The Braekel is essentially a laying breed, the best of all on her own soil. But as with other animals in which any special quality has been developed to its extreme limits, as soon as transferred elsewhere, or falls into the hands of those who do not possess a scientific knowledge to use aright, it fails to give satisfaction. The hen has a blue beak, blue legs with white toe nails, black eyes, white ear-lobes and a large overhanging single comb. The typical color is silver. No more beautiful sight can be seen on a farm than a flock of a hundred hens all with snow-white necks and a dark body. It is of no moment if the grey body color is barred, flowered or simply ashen-grey, for, except at feeding time, the birds are always seen at a distance, never penned in a cage."

"The Campine is the same breed but by foraging over a wider area, it is lighter in body and more active. I consider that the Campine is a modified Braekel, because the Braekel, weighing 3 kilos (6 3/4 lbs.) lays an egg of 60 grammes and the Campine weighs 2 kilos (4 1/2 lbs.) and her egg is not smaller in proportion. Were the Braekel an enlarged Campine its eggs would be smaller, for when the size of the body of any breed is increased the egg is not made larger and when the size of body is decreased the egg does not diminish in the same proportion. On open lands and woods the Campines are generally black, as they are less seen by their enemies. These two breeds have been famous since the time of Charles V for producing delicious milk chickens in winter and in summer for the enormous number of cockerels (poulets de grains) which must be killed or caponized before they are four months old."

The flock which averages twelve dozen 2 oz eggs per capita in one year is the one to cultivate. Large individual laying records like phenomenal yields of milk of isolated specimens in a herd of cows are not safe foundations to build upon. The average milk yield of the herd is the supreme test of efficiency, and not the extraordinary yield of one cow produced under high pressure in feeding. Nature has

its limitations in such matters and failure to recognize them will end disastrously. The 200 egg hen is possible, the 300 egg is not. There are ninety days of moulting that are not calculated for egg laying. This leaves 255 business days for the hen, and the everyday layer has not been generally found, except in the imagination of some writer with a new variety of poultry on his hands to dispose of.

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A subscriber sends us the following questions for answer in these columns: A. B. C. contends that a female of one breed mated to a male bird of another breed will after (if later on she is mated to a male of her own breed) throw back offsprings of the former mating. X. Y. Z. contends that after the female lays her clutch of eggs and is then mated to a male bird of her own kind, she will not throw offsprings of any former matings whatever. Kindly state who is right, A. B. C. or X. Y. Z. and any explanation you can give for your decision will be appreciated.

This question of egg impregnation and the influence of the male of for-

eign blood used prior to mating the female with a male of her own breed or variety was discussed in the "Rural New Yorker" over twenty years ago and what we wrote at that time will apply with equal force today. We believe that nearly the whole litter of eggs are impregnated at once by the male, although we never made any really reliable tests; but observations extending over a number of years leads us to the above conclusion. When hens are changed from one male to another, it takes four days to two weeks before the progeny will be affected, and a series of experiments extending over several years under all possible conditions would be necessary to determine the exact time, and even then the condition and breed of fowls would vary continuously in this respect. Last year a friend of ours turned his Hamburgs out of the pens in June to run with Langshans. Eggs from the fourth day showed the Langshan cross. But if one breed, say Asiatics, is turned with a male of a totally different blood, it is a question how long it will take. We put two Brahmas in with a White Wyandotte cockerel, waited five days

GENUINE WILD TURKEYS

Failures in the raising of Turkeys have resulted from too much inbreeding and the consequent loss of virility. We must return to nature for an infusion of new blood. The key to success is crossing the Wild Turkey with the Domestic. I have Twenty Wild Toms for sale at \$18.00 and \$20.00 each, according to size and quality.

R. L. BLANTON,

RICHMOND, VA.

The Largest Breeder of Wild Turkeys in the World

**4,000
Day-Old Chicks
Per Week**

THE BEST CHICKS
Hatched This Year Will Come From The
EVER-LAY FARM S. C. W. LEGHORNS

No other farm is better equipped to ship you "Good Chicks" than we are. They pay us well and will pay you. We are not making \$6.00 to \$7.00 per bird a year,

but we are getting average net returns of \$3.50 at common every day New York and Boston prices for best-hennery eggs. Pullets raised from our chicks will lay 175 eggs during their first year for an entire flock if fed and housed correctly. We are getting these returns and you can do as well, as we send you just as good chicks as we use for ourselves. Our breeders are not only the best of layers, but are good looking "white" stock, and lay good sized "white" eggs. If there is any better stock in America, we will thank you for the information, as we intend to own the best Leghorns in the world.

WE HAVE 1700 BREEDERS IN THE PINK OF CONDITION

Chick Prices \$12.00 and \$15.00 per 100, \$115.00 and \$135.00 per 1000. Eggs for Hatching at \$5.00, \$6.00 and \$8.00 per 100, 95 per cent. fertility guaranteed. Cheaper by the thousand. Large catalog, telling you why our strain of S. C. White Leghorns pay better—FREE.

THE EVERLAY FARM,

Route 2-B,

METHUEN, MASS.

BIRD'S PARTRIDGE ROCKS

Won All Firsts and Specials at Madison Square Garden, Jan. 1913.

This remarkable record, with their decisive victories at New York, 1910-11 and Hagerstown, 1911-12, give them a grand total of 21 of the 23 firsts competed for, and stamps them as America's Undisputed Champions. Their utility is equal to their beauty. The greatest prize winners and best breeders for you. Write your wants. Catalog for stamp.

BRONZE TURKEYS

Won All Firsts at Hagerstown, 1912 and Madison Square Garden, 1913

Making a grand total of 21 of the 24 firsts at 6 great shows in 1910-11-12-13. If interested in the World's Best Bronze write your wants. We will please you at right prices with the best exhibition and breeding birds we ever offered. Catalog for stamp.



First Prize Cockerel, Madison Square Garden, Dec. 1911



First Prize Bronze Tom, Madison Square Garden, Dec. 1911

BIRD BROS.,

Box H,

MEYERSDALE, PA.

and began setting the eggs the next ten days. None were fertile, but after that time they were all fertile. We took out a male Andalusian on February 27, replaced him with another Andalusian, then eight eggs were set March 23 and none proved fertile. Eggs set after that date proved fertile. It would seem advisable not to use or sell eggs from a newly-mated pen until the cock and hens have been together at least three weeks, although much depends upon the breed and the beginning or ending of a hen's litter of eggs.

Mr. Felch who has experimented in this matter says: "There are in the egg passage, while a hen is in a healthy laying condition, from four to six eggs in their different stages of development, the last two nearest the vent being beyond the influence of the male, if the hen has not been previously exposed. The following experiments seem to prove that the spermatozoa will live, doing the work of impregnation in this passage, only about ten days, and we may say the dam is pregnant for that length of time. We placed a hen that had hatched and reared a brood of chicks, without exposure, with a cock for three hours, then isolated her in a coop by herself. The first two eggs she laid in the next forty-eight hours were not fertile; eight of the nine laid in the ten days thereafter were fertile. Those laid after that time were not fertile. We placed a hen by herself that had been exposed while rearing her brood and seven out of the eight eggs laid during the ten days afterward were fertile, but all eggs laid after that time were not. We took a hen that had just finished her litter, wanting to incubate, and exposed her to the male for three days, then cooped her by herself. None of her eggs were fertile. In this case we take it for granted that the incubation fever had not abated so as to admit of effective copulation. These experiments which we can vouch for, seem to indicate that if females are cooped ten days before saving the eggs, it will protect the breeder in the purity of the blood of the chickens. But as some believe that the whole litter of



A view showing a portion of the poultry plant of Seaman & Bogert, Port Washington, N. Y. It is here where the most favorable conditions prevail for growing poultry that the noted S. & B. Strain of R. I. Reds are raised.

eggs is affected it is a better plan in changing hens from one male to another, to do it at the close of a litter of eggs but we are satisfied that after the fifth egg after the change is made, the chicks would, in nineteen cases out of twenty, be the progeny of the associate sire.

Prof. A. J. Cook's opinion on the subject is as follows:

"By careful experimentation I found in rearing about one hundred chickens that sperm cells all died in about three weeks. This was determined in

two ways: hens three weeks from the rooster laid only sterile eggs and hens impurely mated showed no signs of the mismating three weeks after they were taken from the cock. That is, pullets from a light Brahma which had run freely with Leghorn cocks and freely mated all winter with Brown Leghorn cocks were taken away and kept only with Brahma cocks. Three weeks afterward eggs were set and gave Brahmas true to Standard. Those set in one week showed cross-blood. Those set two weeks did so likewise, but far less. Without doubt the active sperm cells

CROOKS' S. C. REDS For quality in S. C. Rhode Island Reds you should write Crooks. He produces the quality kind as his record of 32 regular prizes including 15 first at Akron, Mansfield and Cleveland will prove:—
Do you want better proof? Some excellent stock for sale both sexes. Have 6 choice breeding pens, now hooking egg orders. \$2, \$3, \$5 per 15. Mating list free. Buy Crooks Reds and win next season.
SUMNER G. CROOKS, Fox W, **LORAIN, OHIO**

Quality White Wyandottes Won 1st and 2nd Pens, 3rd Cock, 1st Hen, 1st Cockerel, 3rd and 4th Pullets, also 13 specials at New Haven's 1912 "Great Quality Show" exhibiting only 3 birds, 1 won 1st Cock, 1st Hen, 1st Cockerel, 2 shape 2 color special and best Cockerel in American classes at New London 1912 Show. Big winner in state shows 1910 and 1911. Eggs sold in settings of 15 only.
C. S. SCOVILLE, **EAST HAVEN, CONN.**

JEFFREY & HERVEY, - RALEIGH, N. C.

Specialty Breeders of Buff Plymouth Rocks—Undisputed Champion's of the South. Winning 1st Cockerel, 3rd 5th Hen, Special for best male, Hagers-town, Md., October 1912. 1-2-4 Cock, 1-2-3-4-5 Hen, 1-4 Cockerel, 3-5 Pullet, 3 Pen, Atlanta, Ga., December 1912. Show birds and great breeders for sale. Pen, 1 Male 4 Females \$10.00. Write for 1913 Mating List.

FOXHURST CHAMPION BLACK ORPINGTONS



WIN FIVE FIRSTS AT MADISON SQUARE GARDEN NEW YORK,
WORLD'S GREATEST SHOW

A CLEAN SWEEP

Thirty birds entered and twenty-two wore ribbons. This is the first time in the history of Black Orpington classes at the New York Show, that all the firsts have been won by one breeder.

Our complete winnings are:—*First and Third Cocks, First and Fifth Hen, First, Third, Fourth and Fifth Cockerels, First, Second, Third and Fifth Pullets, First and Fourth Pens, \$25.00 for best display.*

Every Champion Bird in our exhibit was bred and raised on our farm, to which fact we will make affidavit. The competition was the keenest ever seen in the Garden. The Crystal Palace (London, England) winners, were in competition as well as America's and Canada's best. Birds that were personally selected in England and Canada to win this show, were defeated by our American bred, *Foxhurst Champion Strain Orpingtons*, who have in addition to our 1913 record win have been the largest winners at New York for the past five years. *This unprecedented win indelibly stamps our birds as the undisputed Champions of the world.* For eggs from our Champions, write to headquarters for 1913 mating list, now ready. Eggs, remember from the same matings that we use ourselves. Exhibition stock at reasonable prices, on hand, at all times. Breeders with same blood as our Champions at from \$5 to \$10. Satisfaction and Safe Delivery Guaranteed. Please Mention Poultry World.

FOXHURST FARM,

LIME ROCK, CONN.

push up through the oviduct and swarm on the ovaries. As soon as an egg burst its follicle, the sperm cells push into the egg, become incorporated in its substance and the egg is impregnated. Now, any egg may be impregnated by any sperm cells that are active at the ovaries, whether laid that day or days before. I do not believe that fowls or bees are the least tarnished by impure mating. I would value just as highly a pure hen that had run with even a mongrel rooster, but I would wish to wait three weeks after the removal of the impure cock before I used her eggs for breeding."

Henry Hales, America's oldest poultry fancier, at the same time expressed himself as follows:

"From many experiments which I have have seen reported, and from my own experience, it seems that if a hen is with the male at the right time, a whole clutch of eggs is impregnated, for the eggs will show the effects of a certain bird from two to three weeks after separation, so that before that time it would not be safe to calculate on the eggs from another cock."

From what we have read in the poultry journals on this subject in the past twenty-five years, writers are practically unanimous in their opinion that a previous sire has no contaminating influence on the dam after being removed and a certain number of days have elapsed.

At the annual meeting of the American Campine Club held at the Madison Square Garden, New York, January 2, 1913, the incoming president of the club was instructed to appoint a committee of seven to consider recommendations and make the necessary changes in the proposed Campine Standard, a printed copy of which was mailed to all members of the club last December. President-elect Geo. E. Noeth appointed the following committee: Frank L. Platt, J. H. Drevenstedt, Henry Battin, W. H. Parkman, J. Fred N. Kennedy, August D. Arnold and M. R. Jacobus. At the request of the president this committee convened at Buffalo, N. Y., January 17th. All members of the com-

mittee excepting Aug. D. Arnold were present when the meeting was called to order. Artist A. O. Schilling was invited to attend the meeting and rendered valuable assistance in formulating color and shape descriptions.

The committee carefully considered all communications and other suggestions which the secretary, Mr. Jacobus, had received from members bearing on the proposed Campine Standard.

Many of the suggestions were found valuable in making a number of changes in the word description that will prove a distinct benefit to the breed. Secretary Jacobus will have this revised Standard printed and will mail each member of the club a copy and call for a mail vote on its final adoption.

We consider the work done by this committee very important as it gives all breeders an opportunity to express their opinions on the Standard, which makes its final adoption satisfactory to the club and this should assure the acceptance of the American Campine Club Standard by the Standard Revision Committee.

If all breed Standards could be formulated on Similar lines, it would

facilitate the work of the Revision Committee and at the same time make it more generally satisfactory to poultry breeders.

WORTH \$1.00—YOU GET IT FREE

That is what Miller says in regard to his big poultry and incubator book. Perhaps you have not noticed his announcement in this magazine, if not, you better look it up at once as we note that he has but a limited number of books on hand, so it will be a case of "the early bird catching the worm." Write today and address the J. W. Miller Co., Box 123, Rockford, Ills.

WHITE WYANDOTTES

A choice lot of youngsters bred from our Philadelphia and Camden winners. Write your wants.

Cedar Hill Poultry Farm, 3523 Frankford Ave., Philadelphia, Pa

AT ANY TIME NOW

You may secure Hatching Eggs from the Stock that produced the WINNING pens of

S. C. BUFF ORPINGTONS

at the Storrs Egg-Laying Contest for 1912, or from the actual winners if you want them that way.

CHERRY LANE,
O. Wilson, Carlisle, W. Va.

PRUDHOMME'S CAMPINES LEAD, OTHERS FOLLOW

Fellow Fanciers, let me tell you about my CAMPINES, birds or egg prize winners at Hagerstown and Frederick, Md., Allentown and York, Pa., at Baltimore, Philadelphia and Palace, New York. Eggs won 1st prize at Baltimore, also 1st prize at Allentown in hot competition. Eggs from Anconas, Andulusians, Houdans, R. I. Reds, Langshans and other Campines competing; they also won the SWEEPSTAKES at Frederick, Md. The early bird catches the worm, write me now.

DR. J. H. PRUDHOMME, Desk B, THURMONT, MD

PAYNE BROS. ROSE COMB REDS

MAKE BIG WINNING

MADISON SQUARE GARDEN, 1913:—1st Cock (Shape and Color Special), 1st Pullet (Color Special), 5th Hen, 3rd Pen.

AT THE BIG BOSTON SHOW, JANUARY 1912:—1st Cockerel, 4th and 6th Pullet, 2nd and 6th Hen, 5th Cock, 1st and 6th Pen. Our 1st prize Pen was declared to be the finest ever exhibited.

CATALOGUE FREE FEBRUARY 1st.

STOCK FOR SALE.

PAYNE BROS. Box W, PORTLAND, CONN.

ONLYA FARM WHITE WYANDOTTES

Day Old Chicks And Eggs



PHILIP KEARNY, Owner.
CHAS. STAAFF, Manager.

NEVER before have we yarded better matings and never before have we taken such painstaking care in mating them to produce the largest percentage possible of high class exhibition birds. Our matings contain the noted prize winners at Allentown, Hagerstown, Agusta, Palace and Madison Square, and from these matings we want to sell you eggs and chicks. Remember our birds won in competition with America's Best.

Breeding and Exhibition Stock.

OUR SEAMLESS LEG BANDS

Tell the story, when a bird reaches about a pound in weight a seamless leg band is put on; it cannot be removed; there it remains as the seal of Onlya Farm quality, and every young bird on our farm contains the band. Send for Catalogue and Mating List.

ONLYA FARM,

FLORHAM PARK, N. J.

THE EVOLUTION OF THE ORANGE COUNTY POULTRY HOUSE

By O. W. Mapes, Middletown, N. Y.

(Continued from page 268)

in the cut. It will hereafter be used for feed, incubators, etc. It was a success as a labor saver, and probably had its influence in hastening the era of larger units, reaching in some cases to 1,500 hens, but was rather costly as an equipment, costing nearly \$1.50 per hen.

THE MAPES HEN HOUSE

The next "dream" was of a house 20x30 ft. to accommodate 200 hens, that would be convenient, comfortable and substantial, and could be built with the proceeds of the eggs laid by 200 hens in forty days when sold as market eggs. This "vision" also worked out into reality in time, costing between \$80 and \$90. It has the same outward appearance as the Orange County Poultry House, and is called "The Mapes Hen House." Except that it can not be used as a brooder in which to raise the young chicks, it is as great a labor saver as the Orange County House which was patterned after it.

After using this house about a year, it occurred to me that a room that can be easily warmed to the temperature required by young chicks might be built in the rear end of the house, and the young birds be placed in it the day they emerge from the incubator, thus saving all future handling of them, and also saving the added expense of a separate brooder house.

BROODING EXPERIMENT

It required lots of patience and experimenting with different modes of heating, etc., before this dream became a reality. I found that kerosene stoves sitting in a temperature of 100 degrees or more are very liable to smoke and make a lot of white chicks look like little crows. I nearly had the whole shooting match on fire on several occasions. Both gasoline and denatured alcohol were tried, but serious objections developed. Where partial dependence on animal heat is to be desired, the question of ventilation is all important. When finally success came, I had a large room at the rear, 12x24 ft., doubled walled and packed with shavings like an ice box, that is not easily influenced by changes in outside temperature. A system of forced draft gives ample ventilation without undue loss of heat. At the center of this room stands an ordinary hot water radiator such as is used to heat dwellings, etc., of sufficient capacity to furnish all the radia-

tion possibly needed. This is so shielded that the heat is forced down to the floor for a space 6½ ft. square, right in the center of the room. Hot water is furnished by a jacketed coal fire in the outer room. 600 to 700 day old chicks are placed in this room all in one flock, and if possible all of one age. The radiator is protected by a wire screen so that the chicks can not crowd under or against it. They readily learn to range themselves in a circular group around the radiator at night, and during the day when they feel the need of extra warmth. I get the best results by keeping it hot enough to crowd the chicks away from the radiator a foot or more. 110 degrees Fahr is none to hot near the radiator. The outer edges of the room are always cooler. When they are a week or ten days old they are allowed the run of the outer room where the stove sets. This room is 24x24 ft. with one end protected by wire netting, and is in reality an open-front scratching shed. Here they are safe from cats, hawks, crows, etc. When five or six weeks old they can safely be given free range, still using the hot water radiator as a base, though I sometimes keep them confined until six months old. I am satisfied that a thousand could safely be placed in such a room



200 EGG INCUBATOR, \$3.00

No freight to pay. Actual hen controls everything. No lamps, no expense, no costly mistakes. Over 550,000 sold. Thousands of testimonials. Agents wanted. Free Catalog with Special Introductory Offer. Natural Hen Incubator Co., Sta. H, Dept. W, Los Angeles, Cal.

Dartmoor Yards "Dark Cornish"
Our International Champions won 3 firsts, "Best Display" both Best Male and Best Female at Jan. 1912, Baltimore Club Show. 145 birds in class. 16 exhibitors. Write for other recent winnings. No eggs, season 1913. Address correspondence to
CHARLES S. BRENT, prop., OCONOMOWOC, WISC.
Life Member American Poultry Association.



Ideal Aluminum Leg Band

To Mark Chickens
CHEAPEST AND BEST
12 for 15c; 25 for 25c; 50 for 45c; 100 for 85c; 175 for \$1.00; 500 for \$1.10; 500 for \$2.50. Price list and sample 2c.
Frank Myers, Mfr., Box 75, Freeport, Ill.



BALDWIN'S White Crested Black Polish

Prize winners Madison Square Garden, Philadelphia and Boston. Circular free.
WESLEY BALDWIN,
Walton, N. Y.

THE NUTMEG STRAIN

Rose Comb Brown Leghorns. Exhibition and Utility stock. Baby Chicks and Eggs for Hatching in season.

FIREFLY FARM,

BOX K, GUILFORD, CONN.

— BUY GOOD PRINTING—IT PAYS—

How often do you see printing that is better than yours. Poor printing is expensive at any price. People seeing only your advertising put your goods on a par with the advertising, so get in line and use good printing matter, I make a speciality of printing for the poultryman, who is particular what he gets. Send for prices and catalogue and let me convince you that I can please you.

J. A. SWARTZ, The Poultryman's Printer,

CHICAGO JUNCTION, OHIO

REDNEY RHODE REDS WIN IN HOTTEST COMPETITION ISLAND REDS MAKE COMPETITION HOTTEST

"REDNEY CHAMPION" Champion Rose Comb Red Male Grand Central Palace 1912 First prize on Cock, Rose Comb, Bronze medal for best Rose Comb male, specials for best shaped Rose Comb male and third prize pullet at Grand Central Palace 1912. They made the competition hottest ever at the 1912 New York State Fair. First prize cock and first and season prize cockerel pronounced as completely outclassing everything else in their class, and the first and second prize pullets as the best ever exhibited anywhere. Exhibition and breeding stock for sale. Eggs from my Champion and Prize Mating Pens for sale in season. Some good Single Combs for sale.

J. ALVAH SCOTT,

Red Specialist

OSSINING-ON-HUDSON, N. Y.

ROCKLAND WHITE ROCKS

CHAMPIONS OF THE SOUTH

Won at Baltimore: Cock 2nd and 3rd, Hen 1st and 3rd, Cockerel 1st, 2nd and 5th, Pullet 2nd and 4th, Pen 1st and 3rd. At the Great Richmond, Va., Show they won Pen 1st and 2nd, Cock 1st, 2nd and 3rd, Hen 2nd and 4th, Cockerel 1st, 2nd, 3rd and 4th, Pullet 3rd and 5th, Cup for the Best Display and Trophy for best White Rock male at Baltimore. Some splendid breeders for sale in both old and young stock.

ROCKLAND FARM, D. Lee, Prop.,

Box 2,

BENSON, MD.

NORTHUP'S MINORCAS AGAIN VICTORIOUS

It is the same old story, at the Great Baltimore Show we won every first and second, three third and one fourth prizes on our R. C. Black Minorcas. Also six Solid Silver Spoons as Special for Best Display in the Mediterranean Class and \$5.00 in Gold as Special for best two males and four females in R. C. Black Minorcas. At Warrenton, Va., "Virginia's Quality Show," we won every first, second and third premium in the open class and first pen on our Rose Comb Black Minorcas. We have purchased nearly all the important winners at the Madison Square Garden Show for the past two years and these, together with our own noted winners will be in our best matings this season. Book your orders now to avoid disappointment. We still have a grand selection of breeding stock in both Rose and Single Comb Black Minorcas also Utility S. C. White Leghorns. Catalogue and price lists free on request.

NEW YORK & NEW JERSEY POULTRY FARMS, Inc.,

MARCUS ALLEN NORTHUP, Mgr.,

Successors to Geo. H. Northup & Son,

R. F. D. No. 1,

ORANGEBURGH, N. Y.

at the start, but they would be too crowded as they grow older and begin to want to perch.

The stove and radiator are removed and perches installed when nine or ten weeks old, and the males removed



A beautiful R. C. Rhode Island Red pullet of pleasing type and possessing a rich even color, points which placed her first in a strong class at Allentown, Pa. Owned by C. O. Hattersly, Nutley, N. J.

as fast as they get to marketable size. The pullets never should be moved until past the profitable laying age.

The accompanying photographic cut (Fig. 2) page 268, shows an inside view when ready for use as a brooder.

Before the pullets are old enough to lay, nests are built on each side and fastened to the rafters as shown in (Fig. 3) page 268. Also a dry mash hopper, standing in the middle, large enough to hold a week's supply and a long watering trough, one end of which is also shown in (Fig. 3). This is from a photograph of one of the Mapes Hen Houses, but these fixtures are just the same as in the Orange County Poultry House.

They are all so arranged that litter from the floor can not be scratched into them, neither can hens perch on them at night. When the photo was taken the foot boards, etc., were dropped, as they are at night. Everything is arranged so that at night there is no place on which a hen can perch except on the perches. They are painted with melted wax once a year. They require no further attention, and no mites ever appear in the houses to bother the hens or their owner.

The water trough extends six inches beyond the front wall, where it is emptied by simply pulling a plug, or filled without opening the door. I have mine arranged so that they can be filled with warm water in winter or cold water in summer by simply turning a faucet at each house.

The labor problem is thus reduced to a minimum and the long hours of the dairy business, with their inadequate profits, are robbed of their ter-

rors. I now have 8 houses or units in operation with about 2,000 hens. I can begin my day's work with them at 8 a. m. and end it at 5 p. m. and not work more than a third of the time either. It is no idle dream to say that an able-bodied man and wife can

easily do all the work in connection with 6,000 hens with such an equipment. At even 50c per hen profit what line of farming, dairy or otherwise, offers equal returns for the labor involved?

\$3,000 a year looks big to many a

Send Stamp for HOW TO WIN \$100 with WATSON'S BRED-TO-LAY REDS

Golden Princess laid 291 eggs in year. Wm. Loynd of Mass., got 240 eggs in year from my strain, Cockerel and Eggs,

Ira P. Watson,

Box G,

Fredonia, N. Y.

PARTRIDGE WYANDOTTES AND PARTRIDGE ROCKS

DEAL POULTRY YARDS, SHILLINGTON, PA. A grand lot of young and year old birds for sale. Bred from our constant winners. Look up our records. Specials won wherever shown. If you wish to improve your stock, get the best in the world, bred by Ideal Poultry Yards.

ROSE COMB RHODE ISLAND REDS

From the best blood lines in the World. We can deliver the goods.

WHITE BROTHERS,

Box C,

SUNBURY, OHIO

THE DAM POULTRY YARDS,

JACOB DAM, Proprietor,

12 Clover Street, YONKERS, N. Y

WHITE { ROCKS
WYANDOTTES }
ORPINGTONS }

Winners at 19 Firsts
Yonkers 13 Seconds
3 Thirds

Mayor Lennon's Cup for Best Pen in Show. Eggs and Stock for sale. Write for list.

WHITE INDIAN RUNNERS

THE BIG MONEY MAKERS

Regular profit or money machines. Several hundred bred from my Chicago Winners. Can supply you with Ducks for any show. Unrelated breeding pens that will give you a fine start at \$30.00, the genuine article greatest layers. All pure white eggs. Utility Drakes \$4.00 each.

WM. A. HALBACH,

Box 3,

WATERFORD, WISCONSIN

Poultry Judge all varieties. Write for show dates and terms.

HALBACH'S WHITE ROCKS

won more than 22 competitors. This would mean a lot at a show of even ordinary competition, but when this record is made in a show like

CHICAGO 1911-1912

it means that my

"STAY WHITE STRAIN"

is stronger than the combined strength of 22 other leading breeders. Not this alone. They have demonstrated their superiority by winning the grand prize at Chicago for Best Display for Four years.

This evidence is conclusive. If you want to win, I have the birds for you. 1800 chicks hatched from my winners. Just write. Give me a chance. I can make good. Catalogue 10 cents.

Special Utility females \$2.00 each, males \$4.00. Fine mated breeding pens to produce show stock \$25.00 to \$35.00. Order at once.



H. W. HALBACH,

Box 3,

WATERFORD, WIS.

BABY CHICKS **M.F. & H. 200 EGG STRAINS** **M.F. & H. EGGS AND STOCK**

Midlothian Strains are the best laying strains of S.C. White and Buff Orpingtons, White and Barred Rocks, Single and Rose Comb, Rhode Island Reds, White Wyandottes and S. C. White Leghorns. Our stock is TRAP-NESTED and BRED EXCLUSIVELY FOR EGG PRODUCTION. We have in our pens MANY CHAMPIONS from the Missouri Egg-Laying Contest, including "LADY SROW YOU" with a record of 281 eggs. Prices: Eggs, 10c, 20c and 30c. Baby Chicks, 20c, 35c and 50c. Stock, \$2.00 to \$5.00. Write for 48 page catalog describing "BRED TO LAY" and MOST SUCCESSFUL poultry plant in this country. WE TRAP-NEST 800 HENS AND PULLETS ANNUALLY. HOME OF THE INTER-OCEAN MIDLOTHIAN FARM EGG-LAYING CONTEST.

MIDLOTHIAN FARM & HATCHERY TINLEY PARK ILL.

business professional man in our cities. Too many failures have resulted from thinking that the poultry business can be successfully gone into with little or no capital.

While the Orange County Poultry House costs considerably less than a dollar per hen to build, room for 6,000 hens or even 2,000 hens, means quite an outlay of capital, though not much land is needed.

There are lots of locations in suburban places where a thousand hens on a half acre of land would easily return a net income of a thousand dollars a year or more, for two hours work a day.

A neat place and a neat sign advertising "Fresh Eggs," "Laid While You Wait," would bring customers galore, in automobiles and by trolley, by wagon and on foot, willing to leave all of the consumers' dollar in place of the warm eggs they would carry away.

The best records of egg productions are now being made by hens kept in close confinement. When we want to push a cow to her maximum yield of milk, we shut her up in a box stall and keep her there. I predict that the idea that hens must have free range in order to do their best, will soon be a thing of the past.

I have one flock of 250 hens that did not step a foot out of doors for a full year from Aug. 1, 1911, to Aug. 1, 1912, and they laid a little better than similar flocks alongside that had free range. They were mostly three year old hens and after they were thus confined for eight months they laid enough eggs in sixty days to pay the entire cost of the building in which they were confined, when sold as market eggs. They were in one of the Mapes Hen Houses that is 24x36 ft. and large enough for 300 hens where free range is allowed.

Four or five such flocks or units, without yards or free range, could be kept on a small parcel of land. They should furnish a good income, better than the average city man gets by working eight or ten hours a day and he need not work more than two hours a day in caring for his hens. He might devote part of his time while waiting for something to do, in delivering his new laid eggs to families who would be willing to pay fancy prices for eggs they knew were laid "while you wait."

The reason I mentioned 50c profit per hen for the farmer and his wife who might keep 6,000 hens, is because that can well be secured by selling at wholesale, in 30 dozen crates, at regular market quotations.

There are customers who will pay a premium above top market quotations in a wholesale way, but they are not easy for a beginner to secure.

For the year 1912 just ended, I had approximately 1,500 hens, ranging from pullets to four year old hens. From these I have sold market eggs to the amount of \$3,454.41. I have

not the exact figures of cost of feed for these 1,500 hens, but know that it was not more than \$1.25 per hen, leaving a little over a dollar a hen balance. It is true that I got some premium above market quotations for a portion of these eggs, but at regular market quotations I would have had over 50c a hen profit. There are plenty of reliable dealers who will pay top market quotations for any amount of hennery eggs not over three days old that are properly cleaned and packed.

I am starting the new year, 1913 with nearly 2,000 hens, all housed in the group of Orange Country Poultry houses shown in the cut (Fig. 1) page.

EVERY LOUSY HEN

is losing real money for you. Every egg you don't get is so much money lost. Stop that leak! Hens tormented by lice can't be expected to lay eggs. You can keep your hen house free of lice with one application a year, and Circular 6r tells you how. Sent free. Write us today.

Carbolineum Wood Preserving Co.,
190 Franklin Street, New York, N. Y.

BUFF WYANDOTTES

Send for Mating List. Eggs as Represented.

J. E. BURT,

ATHOL, MASS.

BLUE ORPINGTON DUCKS

We beg to announce, to the poultry world the purchase of the entire flock of Blue Orpington Ducks of the Sunswick Poultry Farm together with all their winners and goodwill. It is our purpose to develop this flock extensively and we solicit correspondence from breeders of this choice fowl.
ROSELAWN FARM, J. H. Wendler, LAKELAND, FLA.

WHITE AND BARRED ROCKS

UTILITY—BRED-TO-LAY—BIRDS

Exhibition Yards of Highest Quality. Winners at Pittsburgh, Hagerstown, Baltimore, New Orleans and leading shows.

HIGHLAND FARM,

R. F. D. No. 1,

YORK, PA.

WILCOX'S WHITE WYANDOTTES

Have won their share of firsts and special prizes the past five years at the leading shows of New England.

Can furnish Winners or Breeders in lots to suit.

HORACE L. WILCOX, 38 Brainard Avenue, MIDDLETOWN, CONN.

HATCHING EGGS, BABY CHICKS and DUCKLINGS

"VIGOROUS KIND"

S. C. White Leghorns (Wycoff and Newtown Strains). Eggs, \$6 per 100, Chicks \$15 per 100, \$125 per 1000.

Imperial Pekin Ducks (Dayhoff and Rankin Strains). Eggs, \$9 per 100, Ducklings, \$25 per 100.

Our Pekin Ducks were winners at Philadelphia, Camden, Ambler and Baltimore Shows this winter. Book your order now. Write for catalogue it tells why our chicks live.

PEN-Y-BRYN FARM, F. A. Tiffany, Supt., Box W. 36, AMBLER, PA.

Woodcrest Partridge Wyandottes

Win at Boston, the greatest Show in the country. Four out of five first prizes; both Shape and Color Specials: All the Challenge Cups for Best Bird; Best Male; Best Female; Best Cock, Hen, Cockerel and Pullet. Providence, R. I., gives me the Championship and every first and Springfield, Mass., every first and Special. Need I tell you I can do you good in stock and Hatching Eggs? Give Me your order and be convinced.

Chas. H. Wood, 340 Main St., Worcester, Mass.

Partridge's S. C. White Leghorns

BREEDING PENS HEADED BY THIS SEASON'S PRIZE WINNERS

Extra Fine Eggs from Mature Stock for Hatching.

UTILITY AND SHOW STOCK.

Booking Orders Now for Delivery after February 25, 1913.

CHAS. W. PARTRIDGE

R. F. D. No. 1,

WHITE PLAINS, N. Y.

267. They occupy less than an acre of land. I hope to sell \$2,000 worth of market eggs from them during the year, in excess of the cost of feed, all of which will be purchased and charged to them except the beets grown on the farm for green feed.

How much labor will be required to produce these eggs, worth between \$4,000 and \$5,000? Not over three hours a day on an average at the outside, and none of it need be done very early in the morning or very late at night.

The day this is written (Dec. 30th) I left the house at 7:15 A. M. and had the whole 2,000 hens fed and watered before sunrise. They will need no more attention until two or three P. M.

Much pains is being taken in some quarters to demonstrate how many eggs a single hen can be made to lay in a year. Suspect that in all such "contests" two dollars' worth of time is spent in order to get one dollar's worth of eggs.

I shall be content to demonstrate that by striking a partnership with the business hen and applying modern methods of "efficiency" to all operations of the partnership, a man can live in the country and make a respectable income, without working so many hours a day as are expected of even our best paid mechanics, to say nothing about dairy farmers.

THE SANITARY HOVER AND GREEN FOOD GROWER

Many have asked how it is, since the lamp of the International Sanitary Hover is placed in the center of the hovering space and can be lifted out through the top, that the hover can be warmer near the curtain that at the center. A very simple explanation will suffice to make this clear.

The hover is composed of two metal domes, one inverted against the other. The bottom of the lower dome is drawn down so as to form a vessel for the lamp to sit in. The chimney of the lamp extends up into the space between the domes and close to the under surface of the upper dome, or cover. The heat is driven against the under surface of this cover and spreads out in an even, cloud-like sheet, coming first into contact with the lower dome, or ceiling over the hovering space, at the edges near the curtain. An inch of mineral wool between the two thicknesses of the cover prevents excessive loss of heat upward. All heat is radiated downward upon the backs of the chicks.

To the fact that it is warmest at the curtain more than to any other single feature, perhaps, is owing the popularity of the Sanitary Hover. Another item of high importance to the poultryman, though, is the portability of the hover—the fact that it can be used in any place offering shelter from wind and rain. This makes altogether an inexpensive brooder house.

The Sanitary Hover can be used through practically the entire year—as a hover in breeding time, as a grower of green food in winter months. In 8 days the Sanitary Hover will transform 12 quarts of oats into enough green food to feed 500 laying hens for three days. In view of the fact that profits in the poultry business depend largely upon getting eggs when the

price is high, the remarkable efficiency of the hover as a grower of green food is an item of great value.

For a detailed description of the Sanitary Hover, send a post card to the International Poultry Sales Company, Box 611, Brown's Mills, N. J., asking for a catalogue.

MAGENTA POULTRY FARM

Among those who have scored success with the popular Rhode Island Reds is the Magenta Poultry Farm, F. F. Woodward, Prop., East Longmeadow, Mass. For many years they have been prominent among the winners at leading eastern shows, especially in New England, where the Reds originated and where they probably lead all other varieties in numbers. Their record is a long one and space here will not permit of our giving only their more recent winnings. Competition is always keen at New England shows and to win the blue, birds of exceptional merit are necessary. That Mr. Woodward produces this class is testified by his winnings at the Springfield, Mass., show in December, undoubtedly the largest show in New England, excepting Boston.

His winnings were as follows: S. C. cocks 1-2; hen 1-2; cockerel 1-4; pullets 1-3; pen 2; all shape and color specials and best display. Very nearly a clean sweep which is going some. Breeders who desire to secure high class stock should look up their "ad" in this issue and write for prices.

*** A postal will bring a copy of our Clubbing Catalogue by return mail ***

Rose Comb Minorcas



First Prize Winners New York. Exhibition birds for any show. Breeding stock of great laying qualities. Eggs for hatching in any quantity, guaranteed. Catalogue free.

A. G. Clark,

Seymour, Ind.

RELYEA ROSE AND SINGLE COMB REDS

Bred for utility and exhibition. Eggs from exhibition matings \$3.00 per setting, two sittings for \$5.00. Incubator Eggs \$5.00 per hundred.

SUNNY BANK POULTRY FARM,

ONEONTA, N. Y.

CONNECTICUT ROSE FARM



S. C. BROWN LEGHORNS

are mated and bred to lay, eggs \$1.00 per 15, \$5.00 per hundred. I could not fill my orders last year for eggs so do not delay in placing your order as first come first served. I have a few good utility cockerels, left yet at \$3.00 a piece, two for \$5.00. Member of American Leghorn Club and Wyoming County Poultry Association. Satisfaction Guaranteed.

WM. P. SAFFORD,

R. F. D. No. 1,

PERRY, N. Y.

When heat is high moisture runs low in the

Mandy Lee

The incubator that regulates moisture as accurately as it does heat, and uses both in right proportions with fresh air. You cannot go wrong. The Mandy Lee measures and regulates automatically. It is the greatest of all hatchers, because it is the one incubator that obeys this all-important rule of incubation. Sizes up to 600-egg machine. Send for catalogue.

USE GERMOZONE To make and keep your fowls healthy. Standard remedy for Roup, Cholera, Colds, Canker, Chicken Pox, Bowel Trouble. Supply in drinking water twice a week. Price 50c.

LEE'S EGG MAKER is rich in egg-making materials and promotes rapid chick growth. 100% blood meal and linseed, salts, spices, etc. Contents sworn to under Pure Food Law. Prices 25c, 50c, \$2.00. 100 lbs., \$7.00.

LEE'S LICE KILLER painted or sprayed on roosts destroys all vermin. It kills by fumes, no handling necessary and contact with vermin is not required. Harmless to fowls. Prices 35c, 60c, \$1.00.

WHITE DIARRHOEA REMEDY cures this dread disease. Only a few doses required. 50c Bottles, with directions for stamping out the disease.

Lee's Poultry Remedies are sold by all leading dealers. Call for them. Write direct for valuable free books on Incubators and Lee's Poultry Supplies.

GEO. H. LEE COMPANY
1250 Harney Street, Omaha, Neb.

Lee Poultry Supplies

A WONDERFUL WINNING AT CHICAGO 1912

R. and S. C. BLACK MINORCAS and R. C. BROWN LEGHORNS

6 firsts, 7 seconds, 3 thirds, 1 fourth and 3 fifths. We are offering 1000 breeders and show birds for sale that are bred from these winners. Utility flocks in any numbers. We can supply eggs and day old chicks at once from our 40 matings. We have a special proposition, to offer, every honest person interested in poultry, write for it to-day. Big catalogue and poultry book for 5 red stamps. Mating List Free.

EDGEMONT POULTRY FARM,

W. O. CHASE,

Box Z,

HILLSBORO, ILL.



CALIFORNIA LETTER

BY J. H. DAVIS

I am often amused to read in eastern publications articles about the climate of California, etc., written by someone who has seen this state from a car window, or at best, come out here on a limited ticket as a tourist. All such letters are erroneous and misleading, as no one is competent to write about this coast who has not lived here for a period of years. Superficial knowledge of California is not knowledge at all. It is like looking at a panorama, where one catches glimpses and impressions. Only a residence here will educate one as to what California really is.

And what the easterner reads about "climate" is mostly guess work or impressions made at a certain section or while on the "fly." California has climates, but no one positive climate. And climate here depends on topography altogether. Hence, we have different climates in the same county; climates that vary as much as does the climate of New York and the climate of Florida. We can move a few miles and get into a hotter or a colder climate; a few miles move will take us into a climate of more or less rain, or where there is more or less wind. A move of a few miles will give us more or less wind or less cold fog, and we may move to where there is no fog except on the high plateaus. And there are sections where there is three times as much rain. Here in the San Joaquin Valley (pronounced San-wah-keen) our average rainfall is ten inches. And the farther north we go, the heavier the rainfall is, until we get to where the rainfall is fifty inches per annum. But, where this heavy rainfall is there is no irrigation because of the mountainous or hilly character of the country. In the San Joaquin Valley we have irrigation, so do not need so much rain.

One peculiarity about California is that a person can plan a picnic or a trip three or four months ahead and know positively that the day will be fair, know that the sun will shine, know there will be no rain or storm of any kind. The rains usually cease in March or April, and then there are clear skies and dry weather right along until the next November or December. And during what we call the rainy season here, we have more bright, sunny weather than cloudy weather. And our very worst weather would be called fine weather in the east. We have no thunder storms, no blizzards, no cyclones, no terrifying elements to scare people as at the east. So, that, take it altogether, this is the best and most even climate on the footstool.

Yet we have some very chilly weather. Nobody is ever frost-bitten, or are ear-muffs, overshoes, gum boots or leggins needed as a protection from cold except in the high mountain altitudes. Still, it gets so chilly that overcoats, heavy underwear and much covering on beds are needed. It is a kind of a chill cold you can't get away from and penetrates to the marrow. Not long since

I received a letter from a lady friend in Ohio who wrote me that she and her husband were intending to come to California and start a chicken ranch. And she wanted to know whether she should bring all her quilts and blankets, and whether "Charley should bring his two overcoats and she her furs." I advised her that furs felt just as good here as in any part of the country, and that Charley should keep his overcoats.

This lady had been reading about California as a semi-tropical climate and some people imagine it to be tropical, but it isn't. When I used to journey from Ohio to spend the winter

in Florida, I always took my overcoat and my heavy underwear and found use for both. And so it is in California. While the climate is such

The Improved Champion Leg Band



Aluminum only; two sizes; adjustable to fit any fowl. Held by double lock. Can't lose off. Postpaid 12-15c; 25-20c 50-35c; 100-60c. Initials 10c per 100 extra. 50 or less 5c. Also Pigeon Bands.



T. CADWALLADER, Box 1312, Salem, Ohio

S. G. RED PYLE LEGHORNS

Winners of 16 prizes in Madison Square Garden 1911, Silver Cup and 20 prizes, Middletown, N. Y., 1912. Eggs \$5.00 per 15. Circular. *Special Offer*—a copy of the new Leghorn Book free to every customer.

G. O. E. HOWELL,

HOWELLS, N. Y.

WHITE PLYMOUTH ROCKS

WOLVERINE STRAIN

Why not let me supply you with a winner for your *coming* exhibition? The *Wolverine Strain* has been winning the creamy prizes for years at leading shows for customers in all parts of the country. *Why not for you?*

I have a choice lot of young and matured show birds for sale at reasonable prices. Write me your wants and where you wish to show—I can satisfy both in quality and in price.

Catalogue containing articles on feeding, conditioning, etc., mailed on receipt of 10c. *Eggs in season.*

LYMAN H. HILL,

Sta. 2,

JACKSON, MICH.

Extra
Eggs
Laid
and

mean
Extra Profits

Extra
Chicks
Raised

This statement requires no argument!
Now plan your work to get *more eggs*, hatch *more and better chicks*, carry *more chicks to maturity* without additional equipment or labor. In other words, *increase the efficiency of your entire plant*. You can do it easily. This is the way:—Give

Pratts' Poultry Regulator

to your breeding stock. It will invigorate the birds, bring more eggs with better fertility. That means bigger hatches of husky chicks. Put

Pratts' White Diarrhea Remedy

in the drinking water for all broods to control this destructive disease and other bowel troubles. Then feed

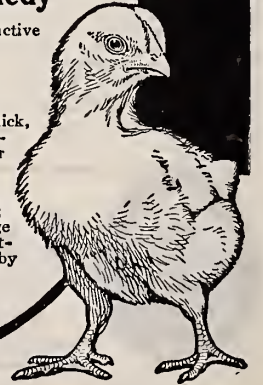
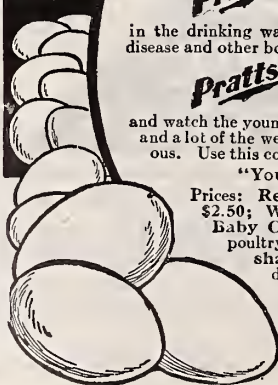
Pratts' Baby Chick Food

and watch the youngsters grow! It will raise every good chick, and a lot of the weak ones and make them husky and vigorous. Use this combination for better results. Remember

"Your money back if it fails!"

Prices: Regulator, 25c to \$9; 25-lb. Pails, \$2.50; White Diarrhea Remedy, 25c, 50c; Baby Chick Food, 25c up. Pratts' 160-page poultry book 10c by mail. Get Pratts' Profit-sharing Booklet. Our products are sold by dealers everywhere, or

PRATT FOOD COMPANY
Philadelphia
Chicago



a man can work out of doors and children play out of doors in all months, there are chilly days and nights when people can not be too warmly dressed.

Poultry keeping here is not in its infancy. There have been fowls here ever since the organization of the state. But in the last six or eight years fancy poultry culture has taken on quite a boom. Poultry associations and poultry shows have multiplied and many varieties of fowls introduced that were unknown here. The Anconas, Buttercups, Campines, Lakenvelders, Hamburgs, Andalusians and Orpingtons were among the latest, so that now nearly every variety of fowls known to the American Standard can be seen at the poultry shows. And these birds are of the best. Long prices were paid for some of them as a starter. But the "fad" on the egg ranches have been White Leghorns. Why, I really do not know. And when emigrants or "tender feet" come here to go into the poultry business, they see so many White Leghorns that they instinctively or naturally follow the "Fashion" and take up with the Leghorns. Yet the Minorcas, White and Blacks, are just as good on an egg ranch and lay the largest egg.

I have an idea that this "fashion" in Leghorns will be broken up ere long and ranchers breed all the non-sitters for eggs. The Houdan is getting to be popular on this coast and it should be. Having bred Houdans for years, I unhesitatingly say there is no better fowl for eggs. And when it comes to baked Houdan for the table, or Houdan chicks for fryers, there is nothing better. There are some Langshans, but not many. This is my favorite big fowl. And when it comes to winter layers, where is the chicken that beats it? And a Langshan male, about a year old, is equal to a turkey when rightly cooked. The Orpingtons, all colors, are favorites here, but the Whites lead in prices. At the same time I would just as soon have White Wyandottes. I think them fully equal to the Orpingtons, but on the theory that a "new broom sweeps clean," the Orpingtons have gotten the inside track because of much advertising, much booming. Certainly, it is a good fowl, but, as I repeat, not better than the White Wyandotte. And sticking to our old and much worn theory that there is no "best fowl," we let the question rest.

Those coming to this coast to raise fowls will find conditions entirely different from the east. I was here two or three years before I tackled poultry culture or wrote for any of the poultry or farm journals. I was studying conditions. When I landed at Fresno that March day, years ago, fresh from Ohio, it was getting into a foreign country. I had left Ohio wrapped in snow and ice and the thermometer down to below zero, to get off the train six days later with the mercury up to 80 in a land of oranges, lemons, limes and green trees and grass as if in the tropics. Everything was strange to me, and I had to learn things. Had to reverse myself and begin anew studying poultry culture and the climate. Had to study feeding and all the details of

THIRD SHOWING OF YAMA BLACK MINORCAS AND FIRST SHOWING OF YAMA BARRED ROCKS IN NEW YORK

YAMA FARMS made 41 entries at Madison Square Garden Show 1912-13 and had 21 birds placed.

In S. C. BLACK MINORCAS we won FOUR 1sts OUT OF THE POSSIBLE FIVE. Our display pen, exempt from competition, was a typical representation of our whole flock—it showed the YAMA FARMS type.

Our 3rd Minorca exhibit in New York won—

1st, 3d and 5th—Cocks
1st, 4th and 5th—Cockerels
1st, 4th and 5th—Pullets
3d—Hen
1st and 4th—Pens

Eggs for hatching just as fine birds as we show, \$10 a setting. Utility eggs, with the best Minorca blood behind them—\$3 a setting; \$15 a hundred.

YAMA BARRED ROCKS THE COMING STRAIN

The results of our first year's breeding of Barred Rocks and our FIRST showing of Barred Rocks in New York have been very gratifying to us.

We have arrived in Barred Rock females—the birds exhibited in Madison Square Garden testified to this and were among the most admired by veteran breeders and judges.

The competition was the closest, in the keenest class, in the biggest show ever held in the country, and YAMA FARMS had 3 hens placed among the 8 awards.

YAMA FARMS HAD MORE FEMALES
PLACED THAN ANY OTHER BREEDER

In every class we scored, winning—

2d, 6th and 7th—Hens
3d and 8th—Pullets
5th—Cockerel
7th—Cock
3d and 6th—Pens

Eggs for hatching from our choicest birds—the coming strain—\$10 a setting. Utility eggs from same blood, \$3 a setting.

Send for our new book. It tells you something new perhaps.

YAMA FARMS
NAPANOCH, ULSTER CO., NEW YORK

what I thought I had mastered at the east. I found that the literature I had been reading at the east about California did not give all the details and that I must learn things by being on the spot; by a residence here and in visiting different sections of the state. And all who come here from the east must follow suit. The person who comes here knowing "all about California" will find that he practically knows nothing. I thought I knew it all. But found out my mistake very soon.

GET "BOB" ESSEX NEW 1913 CATALOGUE

"Bob" Essex in his new 1913 Catalogue, has once again shown his desire to help his friends the poultry-keepers. The Catalogue is entitled "MAKING THE MOST FROM POULTRY", that being the title also of one of the chapters in the book written by Mr. Essex himself. Other chapters are "Health and Disease in Poultry"; "How Money Is Made From Standard-breds"; "When

Robert Essex Incubator Co., Buffalo, N. Y., or New York City. The whole tenor of the book is Quality.

RUSSELL CAVE ORPINGTONS AND DUROC SWINE

Many of the choicest thoroughbred horses in America were bred in Old Kentucky, and the greatest horse farm in the Blue Grass State, if not in the country is Elmendorf, the home of Louis Lee Haggin, who is rapidly forging to the front as a White Orpington breeder, meeting and defeating all comers in the show room for the past few years with his superbly bred Orpingtons.

Mr. Haggin does not believe in haphazard matings, but breeds his fowls by methodical selection or line breeding, believing in the old rule, "Like begets like."

The same care in the selection of his breeding dams and sires is followed as in the breeding of all other live stock, so that the Russell Cave Poultry Farm White Orpingtons are as thoroughbred as the horses and cattle bred at Elmendorf.

Mr. Haggin has added Duroc Swine to his breeds of live stock and will make a specialty of producing the finest animals of this famous and valuable breed of hogs. A visit to Elmendorf and Russell Cave, Lexington, Ky., and a talk with Louis Lee Haggin will convince the visitor that the best of stock is bred there.

Selected Novels from Favorite Authors Free

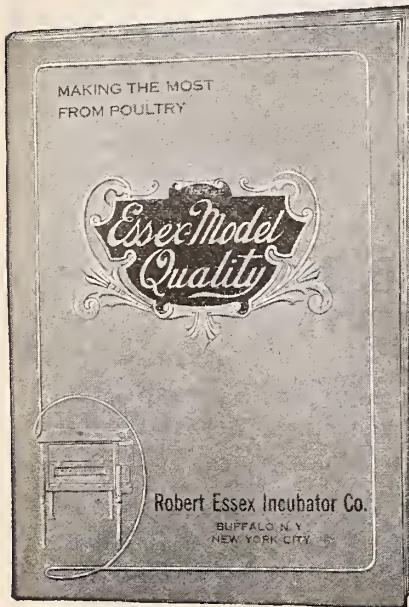
We want to give you this big collection of thirty-nine Novels, Novelettes, and Stories, some of the most interesting works of the most popular writers. Each is a complete story in itself. All are well printed on book-paper from new type and are firmly bound in paper covers. We will give you this whole grand collection of the best reading just to make you acquainted with our paper, **Good Stories**. Here are 10 titles and there are 29 others just as good.

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WRITE NOW Send us your name and address with ten cents in stamps or silver for a 3-months trial subscription to **Good Stories**, and we will send you, **free and postpaid**, this collection of 39 Novels. Publishers **GOOD STORIES**, 827 Chapel St., Augusta, Maine



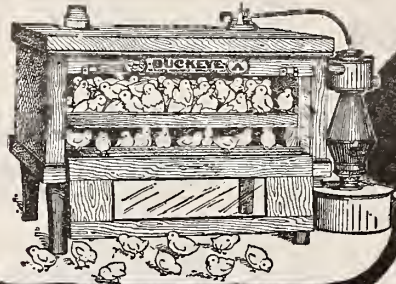
You Start—Start Right"; "How to Get More Profit From Farm Hens". The book, of course, fully illustrates the "Essex-Model" Line of Incubators and Brooders.

But the main attraction this year is the splendid collection of photographs of the latest styles of poultry houses (with measurements) in use at Experiment Stations all over the country. There are thirty of them, including those used in the egg-laying contests at Storrs, Conn., and at Mountain Grove, Missouri; also the equally well-known Laying House at Orono, Maine.

As an Incubator Manufacturer, however, Mr. Essex refers with pride to the record-breaking event recorded in his catalogue, due to the good-will of his customers, namely: the extraordinary fact that "if we except public institutions," as he says, "every single 1912 testimonial letter that is printed in the catalogue came to us unasked for. It is a new record in the incubator business".

When we consider that last winter was the most severe we can remember, and that hatches were late and poor, and then think that the "Essex-Models" were nevertheless hatching so splendidly as to cause their users to sit down and write about it, then we may say with confidence—"the 'Essex-Models' have indeed proven themselves 'Incubators of Quality'".

You should have this 1913 Catalogue of Superior Incubators, Brooders and Poultry Supplies. You need it in your business. If you mention this paper you can get it free by writing to the



Anybody can Hatch Chickens with a Buckeye



Get



Big



Chicks



HATCHING time is right here. Everybody with chickens is thinking, talking incubators, reading catalogues, seeking information. Here are three most important things for you to determine before you buy:—

Can I run an incubator? Yes, if it is a Buckeye. There are 325,000 Buckeye owners today who operated their own machines successfully the first time.

Will it hatch every hatchable egg? The Buckeye is absolutely *guaranteed* to hatch every hatchable egg. It will not only hatch every hatchable egg, but hatch big, strong chicks that will live and thrive. It means success for you.

The Price? You can buy a Buckeye Incubator

As low as \$8.00

Under the Buckeye plan we have made it easy, satisfactory and convenient for you to buy by having an agency in your own town. Write us for this firm's name, so you can go right there, see a Buckeye before you buy, see the chicks hatching, and satisfy yourself that it is the machine you want.

Buckeye Incubators are made in five sizes, 60 to 350 eggs and are equipped with every desirable device to hatch strong chicks, using the same principle of hatching and construction as the big 10,000-egg machines.

There never was an incubator as popular as the Buckeye. Think of it! Over 325,000 in use—100,000 sold last year—22 years' record.

Write for the catalogue of this incubator that leads. You will be wanting to start your hatches soon. Find out where you can get a Buckeye—go see the chicks hatching and be ready.

THE BUCKEYE INCUBATOR CO., 527 Euclid Ave., Springfield, Ohio.

TWO PROMINENT POULTRY FARMS

MIDLOTHIAN FARMS AND HATCHERY, TINLEY PARK, ILL., AND ROCKY RUN FARM, NORTHFIELD, OHIO, DESCRIBED

By Joe Coleman

Out from the heart of Chicago, some twenty miles, is located Midlothian Farms and Hatchery, lying near the suburban towns of Tinley Park on the Rock Island and Orland on the Wabash. The post-office address is Tinley Park.

This plant is one that is "different" and John Poorman, the manager, is a man of ideas. With these people who are able to take care of a large trade, it is more a matter of volume of business and their slogan is "good stock at moderate prices." Three branches of the business are ably handled here—the baby chick, breeding stock and eggs for hatching. Eight varieties, including the popular Orpingtons, Reds, Rocks, Wyandottes and Leghorns, are reared and the system of handling each flock would do credit to the most careful specialist. A feature is the selling of baby chicks from high grade breeding stock and Mr. Poorman is almost cranky on the subject of hatching chicks with stamina and vitality.

Early last winter Midlothian Farms and Hatchery purchased the entire flock of White Orpingtons of a noted breeder, and to give them the best of care placed these birds in one section of a large hot-water system brooder house. The temperature of this house during last severe winter was maintained around 45 degrees. What were the consequences and bearing that this added heat had on the flock thus confined? The pullets began to lay in early January and kept it up right along during the severest weather and in February the fertility of this flock ran 80 per cent. This set Mr. Poorman to guessing, and to carry the experiment further an immense laying house has been provided 100 feet in length and 24 feet wide with a four foot aisle in the center. This house is double deck and divided into forty pens 10x12 feet and will house a thousand hens. A hot water system has been installed and pipes run the length of the house and as nearly as possible a temperature of 45 degrees will be kept, and one man will have nothing else to do but look after the welfare of the birds confined here. Some high class breeding pens will be mated up for early business and that the fertility will run high seems beyond a question. Every egg laid in this house will be a trap-nested egg. This farm is chasing the 200 egg hen and apparently have a good chance of catching up with her. If trap-nest records and careful details will win, there will be nothing to this race but Midlothian and Poorman.

Enterprising and ever watchful of improving their egg record this farm has purchased some of the top-notch laying pens that were in the Missouri National Egg Laying Contest. The coming big egg laying contest, financed by the Chicago Inter-Ocean will be held at Midlothian Farms and Hatchery.

At Mr. Poorman's hands customers will be treated fair, and by mentioning AMERICAN POULTRY WORLD, readers of this paper will be sent a catalogue more fully describing the working plans of this concern than herewith set forth.

Gerald Williams, formerly of Wellington, Ohio, a recognized authority on and breeder of Buff Wyandottes, is now located at Rocky Run

Farm, Northfield, Ohio, and his entire flock has been taken to this new location. The "Evergold" Strain as Mr. Williams named his strain when he started in the business several years ago, has found a new friend in W. G. Marshall, one of the most prominent business men of Cleveland, Ohio, and these two gentlemen have cast their lot together to breed "America's best Buff Wyandottes."

No expense will be spared in making Rocky Run Farm the largest Buff Wyandotte farm in the country. No more modern equipment is to be found

S. C. WHITE ORPINGTONS

Kellerstrass and Owens Strain Direct. Eggs \$3.00 and \$5.00 per 15 from prize winners. Baby Chicks 30 and 60 cents each. Send for Mating List. If references are required would refer you to the Second National Bank, Paterson, N. J.

JAMES T. COX,
287 Fair St., Paterson, N. J.



1913 Catalogue Free

Illustrates and gives prices; 45 varieties land and water fowls and eggs. Send your address on postal card to

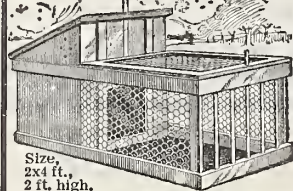
S. A. HUMMEL

Box 80, FREEPORT, ILL.

Hodgson Portable Poultry Houses

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—has proved its success for 22 years. Shipped knocked down.



Size, 2x4 ft., 2 ft. high.

\$3.00

No. 0 Colony Laying House—

Fitted complete with nests, fountain and feed trough. Sanitary—easily cleaned. One man can easily care for several hundred birds. Nicely painted—set up in 15 minutes. A comfortable year-round house. In stormy weather the run may be covered, giving a protected scratching room.



Size, 10x4 ft., 5 ft. high.

\$20.00



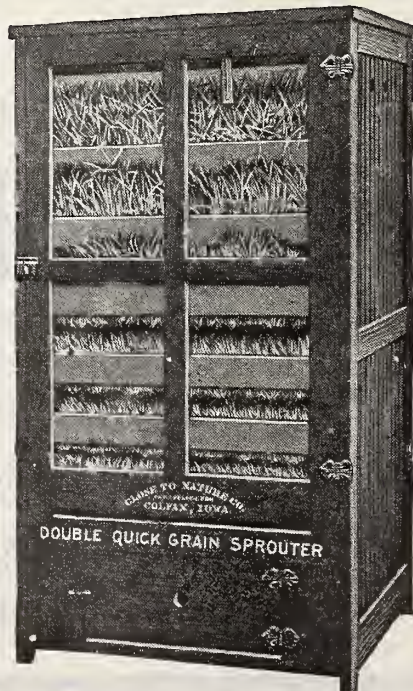
E. F. HODGSON CO.,
Room 320,

116 Washington St.,
Boston, Mass.

SPROUTED OATS WINTER EGGS

Dairy Silage For Milk

Sprouted Oats For Eggs



Hens like Cows must be fed something green for best results.

For prolific egg production nothing excels Sprouted Oats.

Feeding Sprouted Oats is like turning the hens out in the spring on the young tender grass—lots of eggs is the result.

For fertile eggs, feed the Sprouted Oats. Ninety per cent hatches have been made in February and March when breeders were regularly given rations of Sprouted Oats.

The germinated wheat and rye make an excellent forcing feed for young chicks as it is a partially digested food. To get great quantities of Sprouted Oats easily and quickly and to germinate grains for the chicks, buy a

Double Quick Grain Sprouter

The Perpetual Poultry Silo

A veritable hot-house, growth-forcing machine. Makes two to four bushels of feed from one of grain. Soon pays for itself in the in the feed it grows and the increased egg yield.

Sprouted in 24 hours and forces growth two inches and more daily. The DOUBLE QUICK is the original grain sprouter, now three years old, several thousand being in use in every part of the United States and Canada, and is endorsed by hundreds of users.

Our catalog will give many letters like the following:

David Schwertner, Ottawa, Ohio, says—"Last fall I got one of your grain sprouters and used it last winter and had good results for the weather we had. It was zero weather nearly all the time but my chickens laid from 3 to 4 dozen eggs right along, and I can say the oats did it, for all the people around here didn't get any eggs last winter."

Feb. 26, 1912—"I am enclosing my check for your No. 5 Double Quick Sprouter. Please ship by express. As soon as I have tested this one and find it satisfactory, as I expect I shall find it, I will give you an order for more."

Later, April 27—"I am enclosing my check for two more of your No. 5 Double Quick Sprouters. The one I bought some weeks since is doing good work."

C. H. LATHAM, Beauty and Utility Barred Rocks, Lancaster, Mass.

M. O. Richardson, Plattsburg, Mo., writes—"It is the greatest trick ever. It grows oats 10 inches high in six days. I am well pleased with it."

Made in six sizes from a few hens to 1,000. Send for complete booklet on the Grain Sprouters and Sprouted Oats.

CLOSE-TO-NATURE COMPANY,

48 Front Street,

COLFAX, IOWA

anywhere and with five hundred acres to roam over makes possible the rearing of thousands of birds. To give one an idea of the kind of buildings that are being constructed on this plant, will say that the main breeding house is 60x200 ft. with a wide center aisle with pens on either side twenty feet deep. The roof is of the monitor design and the loft is used for the storing of straw and scratching material.

This plant is already one of the big show places of the country and plans have been made to further extend it.

Mr. Williams has always been a consistent breeder and his strain has been thoroughly established for many years and reproduces itself in a marked degree. There is no doubt that many prize winners for some of the largest shows have been "Evergolds." Already this season Evergolds have won 27 first prizes at big shows.

This winter Rocky Run Farm will exhibit at a few of the leading events and it surely will be a pleasure for those who have opportunity to see the display these people will be able to put on exhibit. I congratulate both Mr. Marshall and Mr. Williams on their aggressiveness and it will be well to keep Rocky Run Farm in mind, and those interested in Buff Wyandottes will be particularly pleased to know that this sterling variety have champions in these gentlemen who will give it world-wide publicity.

The first move is to publish, which will be off the press at the time this is written, a combined catalog and textbook of Buff Wyandottes which will be an authority on the breed. Hundreds of soft colored and typy birds are ready at this time and winners for any show may be had here at right prices.

THAT "OLD TRUSTY" CATALOGUE

Johnson, the incubator man, has long been noted for the interesting and attractive catalogue that he has produced each year. The Johnson catalogue has been different from the rest, it has been full of the Johnson nature (in other words personality) from cover to cover. There is an old adage, "One touch of nature makes the whole world kin." It is that touch of nature in Johnson's manner that has won him thousands of friends and all are sure to have that friendly feeling when they read his catalogue.

There has been a great evolution in the Johnson Incubator business. It has grown from the hard working engineer making machines during his spare time for his neighbors to one of the greatest incubator factories in the world. The Johnson catalogue has kept pace with this rapid growth and from a mere pamphlet it has increased yearly until now it is a big 96 page book, a copy of which should be in the hands of every poultry raiser. It contains scores of illustrations made from actual photographs showing "Old Trusty" users in all sections of the country, and it is brimful of that genuine Johnson optimism, just the thing for a dull day when you are laboring under the delusion that everything you undertake goes wrong. And then the vast amount of good reliable information on poultry matters makes it all the more valuable. It cost Johnson a lot of money to get out this book, but he says what's the difference, I want people to know more about the Old Trusty Incubators and Brooders, and each and every reader of this paper can have a copy of the book if they will address a postal to Johnson, Incubator Man, Clay Center, Neb.

FRED C. LISK, ROMULUS, N. Y.

Has been very successful in breeding a strain of White Wyandottes that not only win but are prolific layers as well. He has built up a fine trade in this variety and has customers in all parts of the world, as the following letter, which we have permission to quote, will testify:

"Moorlands, Burley-in-Whorfsdale, Yorkshire, Eng., Dec. 4, 1912.

"Dear Sir:—
"Just a line to let you know that the birds arrived at my place on the 27th of November in wonderful condition, in fact, they hardly looked as if they had traveled more than a couple of days,

but they had been on the way 16 days. I must say that I am highly pleased with the birds you have sent me, the quality is excellent and I am sure that I will be able to bred some very high-class birds from the trio. However, I will let you know how I fare with them the next show season. Thanking you for the trouble you have taken in cooping them, and I must also state that my confidence in you has not been misplaced as I consider you have sent me excellent value.

"Yours truly,
"H. T. MUSGROVE."
To Fred C. Lisk, White Wyandotte Breeder, Romulus, N. Y., U. S. A.

\$4.95
Buys
This New
Hatcher
NOW!

Mankato Incubator

Sensation of the incubator world! That's what our 1913 prices are! Don't miss them. Just send your name—we'll do the rest. Look! 50 egg genuine Mankato, sold direct to you from factory, price only \$4.95. Backed by 18 years' experience and liberal guarantee. Other sizes at equally sensational prices—brooders, too. You won't know how good the Mankato is till you know



HOW PERFECT IT'S MADE
Built of real California redwood, three thicknesses of walls all over, top, bottom, sides and all lined with asbestos. Has heavy genuine copper heating system, copper boiler, metal safety lamp, best egg tray, high nursery, tested thermometer, egg tester, etc. Simple, sure, safe, successful, set up ready to use. 18 years' experience. Don't buy any incubator till you get our fine catalog and poultry book. We'll save you money—we give you highest quality, prompt, fair treatment. Address postal now to

Mankato Incubator Co., Box 839, Mankato, Minn.

WRITE!

STOCK, EGGS and BABY CHICKS FOR SALE

Great Winners Great Layers
Great Payers

DO YOU BREED

"Sunswick Strain"

S. C. Buff Orpingtons and Buff Orpington Ducks
Or just ORPINGTONS?

The Great Buff Orpington Specialty Breeders of America

Sunswick Poultry Farm, South Plainfield, N. J.

Rufus A. Delafield, Owner

Send for Catalogue
Inspection Invited

GOLDEN and SILVER CAMPINES and WHITE FAVEROLLES

Egg Orders Booked Now. No Stock For Sale.

AUG. D. ARNOLD,
Box D,
DILLSBURG, PA.



In the above illustration is seen a boat load of eggs just arriving in Shanghai, China, from the country districts

GLIMPSES OF THE POULTRY INDUSTRY IN CHINA

By Walter L. Chaney

(Continued from page 269)

We stood by through the purchasing of two cockerels and the dicker-ing over their weight. A dozen live birds were under cover in a large open work basket. The customer took out the birds one by one exam-ining them by touch, finally selecting two, the price being named. These the dealer tied together by the feet and weighed them, announcing the result; whereupon the customer checked the statement by his own scales. An animated dialogue fol-lowed with many gestulations and with the customer tossing the birds into the basket and turning to go away while the dealer grew more earnest. The purchaser finally turned back, and again balancing the roos-ters upon his scales, called a by-stander to read the weight, and then flung them in apparent disdain at the dealer, who caught them and placed them in the customer's basket. The storm subsided and the dealer

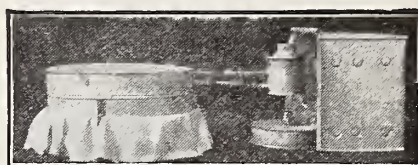
accepted ninety-two cents Mexican for the two birds. They were good sized roosters and must have dressed more than three pounds each, yet for

Everybody says: "YOU CERTAINLY HAVE THE COLOR"

CARTER'S PARAGON

HOUDANS

Photo Literature Free. JOSEPH F. CARTER, Elmira, N. Y.



\$2.50 For This Hover That Will Take Care of 50 Chicks

A first class hover in every respect, made of No. 26 gage galvanized steel and will last for years. This hover can be applied to any colony coop or box in ten minutes, a perfect hot water system, a warm flannel to lay on the chicks backs, flannel is kept warm by water tank above, chicks can't pile up, lamp fumes can't get to the chicks, chicks can't get to the lamp, don't use the old hen to brood chicks when you can get a hover for the price asked. We have larger Hovers and Incubators and 36 different articles that all poultrymen need—get our book of valu-able information to poultrymen.

WENDEL L. INCUBATOR CO.,
56 Main Street, HOLLY, MICH.

HAVE YOU TRIED IT?

The new process of cleaning exhibition birds. No faking, but the best cleaner ever invented. Will remove grease, dirt, or stain. It is perfectly harmless to feathers or clothes. Quart cans \$1.00. Every can sold on a guarantee. We also make the best clothes cleaner known to the profession.

Feather Cleaner Manufacturing Co., Wm. Sellers, Manager, R. 10, Nashville, Tennessee

EAKIN'S WHITE WYANDOTTES

WINNERS AT OHIO STATE SHOW

In competition strong in every class, we won 1-3-5 cock; 2-3 cockerel, 2-4 pul-let; 3 pen; special for best shaped male and special for whitest male. To win both shape and color special is an award any breeder might feel proud of and we are pleased to state our breeding pens this season contain not only these prize winners but also the birds that produced them. Eggs for hatching \$5.00 per setting.

F. M. EAKIN, Box 61, BUCYRUS, OHIO

S. C. BLACK

ROYAL ORPINGTONS

S. C. WHITE



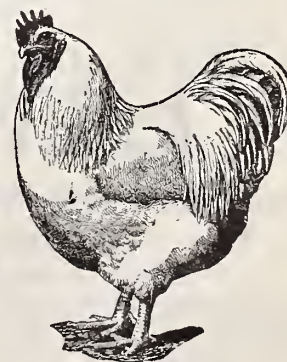
We are the leading breeders of Black and White Orpingtons in the south, our birds have type, color, stamina and vigor, and are the kind that will add improvement to any flock.

Our winnings of 19 firsts and 6 seconds in three weeks at three shows in strong competition is proof of quality. Our first pen of Black Orpingtons was the sensation of the Memphis show just closed.

"Quality not Quantity" is our motto. Our Mr. Lembke spent an entire year in the yards of leading English and American breeders, securing only the best for our foundation stock.

We have hundreds of choice cockerels and pullets of either variety of the same quality as our winners. We are prepared to supply your needs. Write us your wants. Our farm is open to inspection at any time, make us a call.

Royal Stock is what you need. It always satisfies.



ROYAL POULTRY FARM,

Box W,

DICKSON, TENN.

the two he paid less than forty cents in our currency.

We passed two men in a boat in charge of a huge flock of some hundreds of yellow ducklings. Anchored to the bank was a large house-boat provided with an all-around, overhanging rim and on board was a stack of rice straw and other things which constituted the floating home of the ducks. Both ducks and geese were reared in this manner in large numbers by the river population. When it is desired to move to another feeding ground a gang plank is put ashore and the flock come on board to remain for the night or to be landed at another place.

In the fields flooded preparatory to fitting them for rice great angle worms as large as a lead pencil are forced to the surface in enormous numbers and large flocks of ducks are taken to such fields to feed upon them.

THE TWO ROCHESTER SHOWS

Between December 30th, 1912, and January 11th, 1913, two poultry shows were held in Rochester, N. Y., the first at Convention Hall by the Genesee Valley Poultry and Pigeon Association and the second at Exposition Park by the Flower City Poultry and Pigeon Association. Each society caged over one thousand entries in the poultry classes and each had a fine display of pigeons. Had these two shows been combined, Rochester could pride herself on having one of the finest poultry exhibitions in the country.

For seven years two shows have been held with indifferent success, and in all that time the breach between the two factions has not narrowed any. I understand, however, that a former Rochester man who was an exhibitor at the last show has taken an interest in the matter and laid the case before the Chamber of Commerce and that efforts will be made to bring the warring factions together. Let us hope they are successful as it will not only mean much to the individuals interested but will be a benefit to the poultry industry of this section as well.

At the Genesee Valley Show the White Wyandottes were the leading class and some very good specimens were penned; next in numbers came the White Leghorns, but that is about all that can be said of them. Outside of the pullet class they were a very ordinary lot. Barred and White Rocks were well represented and a male in the latter class winning special for the best bird in the show. Rose and Single Comb Rhode Island Reds made a fine display with some excellent quality in each class. In the Rose

Combs, C. E. Riley, Buffalo, N. Y., won 2-3 cock, 1-2 hen, 5 pullet and 1 pen. E. M. Dutton, Newfane, N. Y., 4-5 cockerel, 2-3-4 pullet, 2 pen.

S. C. Buff Orpingtons were also a fairly large class with the prizes pretty well distributed. Among the lucky ones were Lake View Poultry Farms, J. D. Cook, Prop., Irondequoit, N. Y., who secured 2-3 cock, 3-4 cockerel, 4 hen and 5 pen. S. C. White Orpingtons were a large class, while their Rose Comb sisters were represented by only two entries. Bantams had a good representation and some fine specimens were exhibited, notably Buff and White Cochinchina classes.

The Flower City Show had one advantage over their opponents and that was in the hall, and I believe that no better arranged or lighted building available for the purpose exists, its only draw back being location, which seems to the writer is a little too far distant from the business section.

Like the first show quality was to be found all through the classes, while the novice was conspicuous by his attempts at conditioning his favorites. Three separate classes were made for Barred Rocks, viz; exhibition, cockerel breeding and pullet breeding, and good quality was in evidence all through. Whites, Buffs and Partridge small classes, while

Make Money With Stahl's



EXCELSIOR

First Among Real Hatchers You can make more money with less work, with Stahl's Excelsior than with any other incubator made—and I stand ready to prove it.

50 Patents—issued by U. S. Government during past 36 years for improvements on my hatching machines means a lot to you. Only incubator with visible thermometer on top of machine. Automatic turning of eggs, most perfect heating system, wonderfully accurate regulator, automatic ventilation and moisture supply. Absolutely fire-proof. Lamp that can't explode or catch fire—can't be filled while the wick is lighted. Stahl's Excelsior means certain profits. Sold direct from factory at money-saving prices—all sizes for all needs.

Write for Book—FREE

Send a postal today for my special prices and my free book, "Raising Poultry for Pleasure and Profit." It will convince you that Stahl's Excelsior is the incubator you want. Tear this ad out as a reminder to write me NOW.

Geo. H. STAHL
219 Elm Street, Quincy, Illinois

BUFF WYANDOTTES

150 Cockerels and Pullets at Utility prices. **WRITE TODAY.**

T. C. BROWN, NORTH ADAMS, MASS.

ROWAN'S BLACK SPANISH

At Madison Square Garden show 1911 won First cock, First Cockerel, First Pullet. At the Garden 1910 show we won First Cock. First Hen, First Cockerel, 1st Pullet, also hundreds of other First and Special prizes during the past 20 years. Eggs \$5 per setting, \$4 for each additional setting. Address

R. A. ROWAN, Title Insurance Bldg., LOS ANGELES, CAL.



FIRST PRIZE S-C-BLACK ORPINGTON HEN
MADISON SQUARE GARDEN SHOW DEC. 1910.
HUGH A. ROSE WELAND ONT.

Rose's Orpingtons

**WIN EVERYWHERE
BLACKS AND BUFFS**

Last Madison Square Garden, Baltimore, (Same week), and Boston Shows.

Blacks Won, Baltimore, 1 cock, 3 and 5 hen, 1-2 cockerels, 1-3 pullets, 2 pen. Special best display, Special best bird in English classes. On the same date we split our string, and with other team of Blacks won at Madison Square Garden, 2 cock, 4 hen, 2 cockerel, 4 pullet, 2 pen, proving beyond question their undoubted supremacy.

HUGH A. ROSE,

Frank F. Conway, Mgr., Fonthill, Ont., Canada

NEW YORK, 1913

At Madison Square Garden, the acknowledged premier show of America, in a competition of winners, from every part of the country we won, (on Rose Comb Rhode Island Reds).

1st Pen, 1st and 3rd Cockerel, 2nd Cock, 4th Pullet, 4th Hen
Winning more Firsts and Seconds than any other Competitor,

and display easily, had pens counted as in the past. This demonstrates beyond dispute the superiority of our celebrated "SENSATION" and "RED PRINCE" strains of Rose and Single Comb R. I. Reds, the Strains that won more firsts (in R. C.) at New York, Boston, Providence, Chicago, Baltimore, Washington, 1911-1912, than all others combined. Our first pen, the winning most covered by all exhibitors, was pronounced a marvel of quality.

STOCK

We have some splendid males and females, last year's breeders and winners, including "MAJESTIC," 2nd cock at Boston, 1910, which we offer for sale this season

EGGS

for hatching at all seasons, Send stamp for Mating List.

RED FEATHER FARM, F. W. G. ALMY, Prop.,

Box 22,

Tiverton Four Corners, R. I.

Columbians could boast of but two specimens. Seven varieties of Wyandottes were caged with the numbers in favor of the Columbian variety. Buffs, brought out some fine birds. Carpenter & Carpenter, E. Randolph, N. Y., winning 5th hen. E. B. Fellows, Scottsville, N. Y., 2-4 cock, 2 hen, 1-3 cockerel, 4-5 pullet, and 1 pen.

S. C. Reds were a fair sized class with some fine quality among the winners. R. C. Reds a small class. S. C. White Leghorns, a large class of good quality. S. C. Buff and Browns also contained some fine individuals. Buttercups were a large class made so from the fact that it was the annual club meet. If these birds perform the way some of their advocates claim, it should be but a short time until all other breeds are relegated to the rear.

The Orpingtons were represented by S. C. Buffs, R. C. Buffs, S. C. Whites, S. C. Blacks and Diamond Jubilee. There was quality in all the classes, but the Whites had a little the better of the argument. This was through the exhibit of S. B. Clark, Prop. Harmony Park Poultry Yards, Scotch Plains, N. J., who recently purchased the entire stock of White Orpingtons of Dune Alpin Farm. Mr. Clark is a very enthusiastic fancier and took great pride in showing his exhibit to his many friends and he has them by the score in the Flower City, having claimed it as his home until two years ago. He won 1-2 cock, 1-3 hen, 1-2 cockerel, 1-2 pullet, 1-2 pen. Mr. Clark deplored the fact that there existed bad feeling between the two associations and he was working hard to bring them together. If these societies were composed of more men of his stamp, Rochester would hold one big show that would rank second to none.

One of the leading features of the show was the annual meeting of the American Houdan Club. This club secured generous booth space, which was tastily decorated with hand illuminated signs calling attention to the many good points of the Houdans. Members were in attendance at all times handing out literature on the breed and answering questions of interested visitors. All in all it was a very original idea and I dare say that this beautiful breed made many new friends. W. A. W.

FRENCH'S POULTRY MUSTARD

A great many readers of this magazine are not aware of the advantages to be gained by feeding Mustard to poultry. Breeders of note in different sections of the country have tried French's Poultry Mustard and they are voluntarily testifying to its merits. They claim that it not only keeps their birds in better condition but that a marked increase in egg production has been noted; also that the fertility of the eggs from pens where the mustard was fed gave a higher percentage than the others. We wish to call the read-

ers' attention to the advertising of the R. F. French Co., Dept. B, Rochester, N. Y., who are pioneers in this direction and the manufacturers of the genuine poultry mustard. The advertisement may be found on page 340. Noting the popularity of this product, several unscrupulous dealers have been led to place an imitation on the market which has but little value and in most instances is composed largely of mustard bran, the feeding value of which is in about the same proportion as wheat bran would be to whole wheat. French's Poultry Mustard is deserving of a trial by every wideawake poultry raiser, and those interested in better results from their fowls should address as above and ask for their free booklet or better still send 35c for a trial package.

*** All varieties of water fowl described in the book "Ducks and Geese," seventy-five cents per copy postpaid ***

IVES' LANGSHANS "A GOOD STRAIN OF A GOOD BREED"
Consistent winners at the largest shows for many years. Elegant big COCKERELS NOW at very reasonable prices.
PAUL B. IVES, "Beaucroft" GUILFORD, CONN.

REGAL WHITE WYANDOTTES They are unexcelled as layers and winners. At Buffalo Great International Show this year, on five entries I won 3rd cock, 4th hen, 2nd cockerel, 1st pullet, 2nd pen, also best display. They will win for you. Eggs \$2.50 per fifteen. HENRY R. JONES, DERBY, N.Y.



The FAVORITE BAND is made of heavy aluminum. Has smooth edges, locks with two clinches. Numbered with large RAISED FIGURES

PRICES: 12 for 15 cents; 25 for 25 cents; 50 for 40 cents; 100 for 65 cents.

CHAS. L. STILES 230 N. Third Street, COLUMBUS, OHIO

LIGHT and DARK BRAHMAS: Crystal Palace, London Prize Winners

Yearlings and young fowls for sale, utility and show quality. Also Reds, White Wyandottes, Barred Rocks and White and Brown Leghorns from Madison Square Garden winning strains. CATALOGUE GRATIS.

F. M. PRESCOTT,

RIVERDALE, N. J.

CURTIS'S COLUMBIAN WYANDOTTES America's Best. Invincible this season, 6 firsts at New York State Fair; 5 firsts, best display, all important specials at big Albany Show, leading winners at Boston in best class of Columbians ever shown there. Fine cockerels and pullets for sale. Eggs for hatching. Send for circular. D. V. G. CURTIS, Box W, BALLSTON, SPA, N. Y.

I. W. BEAN STRAIN

ROSE AND SINGLE COMB RHODE ISLAND REDS

We won more points than any other exhibitor at Boston, 1913, Show in Rose Comb Reds, 1st pen, 1st hen, and other ribbons. Fine exhibition and breeding stock and eggs from best pens for sale. Address

MARVEL POULTRY FARM,

Jones & Thayer, Props.,

RANDOLPH, MASS

PRUYN'S SILVER WYANDOTTES

Big winners at Madison Square Garden. We breed our own winners. Eggs from best matings and choice stock for sale. Address

John W. Pruy, "Gray Oaks," Yonkers, N. Y.

ONDAWA FARM WHITE LEGHORNS

Win Prizes and Lay Eggs

Winners of silver cups, sweepstakes, first and special prizes at prominent eastern shows during the last twelve years and known the country over as "the leading strain of heavy layers."

My winnings at the Albany, N. Y., show held January 1st to 5th, 1912, in the strongest class ever brought together at this show were as follows: 1st cock, 1st hen, 1st and 5th cockerel, 2nd and 3rd pullet, 2nd pen old and 4th pen young, also the \$20.00 gold special for best exhibit of S. C. White Leghorns.

The first prize cock at Albany is shown in the accompanying photograph. I have 65 choice breeding or exhibition cockerels and 50 pullets sired by this bird or sale.

Send 10c. for my 54-page, beautifully illustrated catalogue, describing my heavy egg producing strain and full of valuable information on poultry breeding, such as hatching, feeding, rearing, showing, etc. It gives over thirty photographs and many full page pictures of farm, houses and stock. If you are in the market for stock or eggs write me to-day. I have pleased hundreds, why not you? Address

ONDAWA FARM, Lewis T. McLean, Box 60, SHUSHAN, N. Y.

Member of the National Single Comb White Leghorn Club



RHODE ISLAND REDS ROSE AND SINGLE COMB

WHITE BIRCH QUALITY WE WISH TO SAY

DUCKS PEKIN, ROUEN AND INDIAN RUNNERS

That we are going to make a sweeping reduction in the prices of eggs for hatching this season. This will place White Birch Quality within the Reach of All. We have demonstrated by our winnings this season as well as the winnings of our customers that our stock is far in advance of anything we ever raised or exhibited. Our first cockerel at Brockton Fair, class of 48 great birds, was a wonder. We lead all competitors in Rouen, Pekin and Indian Runner Ducks winning 48 Prizes at Brockton Fair and winning fifteen 1st and 2nd prizes on as many entries at Boston this season. Our specialties this season will be Day Old Chicks and Baby Ducklings in all our varieties. Also Eggs for Hatching at a great reduction in prizes from our best matings in Rose and Single Comb Rhode Island Reds, Rouen, Pekin and Indian Runner Ducks. Address

WHITE BIRCH POULTRY FARM,

Wm. H. Withington, Mgr.,

Box W,

Bridgewater, Mass.

JUDGING AMERICAN BREEDS II—WYANDOTTES

By J. H. Drevenstedt

(Continued from page 271)

few years ago. The fluff is well delineated in Fig. III, the legs and toes being also well shown in Fig. II.

The thighs should be short and quite thick, indicating an abundance of meat. Long and thin thighs are serious defects in a Wyandotte and should be severely discounted when examining exhibition specimens. It is always well to feel of the thighs with the hand as outward appearances are often deceptive, especially when the thighs are loosely feathered.

The wings should be nicely set at shoulders, showing smooth rounded fronts—a smooth convex wing bow, the primaries and secondaries well tucked and held up, swinging freely from the body. This section in good specimens is rarely if ever defective in shape, excepting perhaps in broken or twisted primary feathers, which should be discounted, the former lightly, the latter severely.

The illustrations, Fig. VII. and Fig. IV., show defective types of Wyandotte males that should be passed by judges as being unworthy specimens.

SHAPE OF WYANDOTTE FEMALES

The female Wyandotte, like the male, should be a bird of curves, and as Charles D. Cleveland remarked in his excellent article on Wyandotte Type (May, 1912, A. P. W.) "Above all things the female Wyandotte must have a form or figure that will stand the most critical test as to symmetry; the figure of this particular lady is of more importance than that of almost any other lady I can think of. First of all the female must have as near a perfect blending of all her parts into the making up of the body as possible. *There must be no harsh angles, short stops, or disproportional sections*, each part must belong to that particular hen and be in proportion and character and which would naturally belong to a bird of her general appearance."

We italicized in the above paragraph what we consider the most serious defects of a Wyandotte female. The true Wyandotte female is the smaller and more refined type of a first-class Dark Brahma female, one of its progenitors. The heavier skull and beetle brow of the Brahma has been replaced by the broad and well rounded head with slightly projecting brows in the Wyandotte. The back, albeit shorter, has the same slightly convex cushion and breadth, the breast and body lines are the same in proportion. To shorten the body and round up the Wyandotte into a ball is departing from the original type. A circle is mathematically a

perfect continuous line but it is not a line of beauty. A perfect round egg may excite curiosity but will create no furore from an artistic standpoint.

The Wyandotte female should be as graceful in its body lines as the male in his, the only difference in the make-up being in the size and the obvious sexual conformation of neck, back and tail.

COMB, HEAD AND NECK OF FEMALE

The comb is the smaller counterpart of that of the male and it should be finer in texture; the same holds good with the lobes and wattles.

In judging Wyandotte females look at the head points first, for a characteristic Wyandotte head with a neat comb and short beak with stout upper mandible slightly curved will often be accompanied by a good body. Few female Wyandotte heads will rate XXXX, so when we find a real good one in the show room, it is safest to mark it XXX and rate the others XX or X, as the case may be.

Of equal importance is the neck of the female Wyandotte, for with the head it stamps the breed type on the

specimen. The popular phrase "They get it in the neck" applies to judging Wyandottes quite frequently, for real good, full feathered but gracefully

Buff—ORPINGTONS—White

Unexcelled layers. Fine stock for sale. Eggs from best pens \$3 and \$5 per setting. Send for mating list. Address Applecroft Farm, Roland Davis, Mgr., New Baltimore, N. Y.



POULTRY CUTS

Our new catalog now ready; latest and best designs; all varieties; ask for it today Chas. L. Stiles, Columbus, Ohio

DAVIS LIGHT BRAHMAS

1 Cockerel, 1-2 Pullet at the Great Hagerstown Show. If you want quality, I have it at reasonable prices. Write me. Also LIGHT BRAHMA BANTAMS—the kind that win. F. W. DAVIS, Box W, KEYSER, W. VA.

The Famous "IDEAL"

TRAP NEST

Shows which hen laid the egg. Most efficient—easiest to install and operate. Progressive poultrymen everywhere use them. Practical for YOU or your money back. No watching. No fright. No freight. Plans, Traps, Bands, Record Sheets. Write NOW for prices and proof.

F. O. WELLCOME, Box W, YARMOUTH, ME.

BAIN'S BUFF WYANDOTTES *Maple Dale Strain*

Line bred for 20 years. Big winner in the hottest class of the year at Albany, including first and third cockerel against the best Lord Birds. Fine breeding stock for sale. Eggs for hatching a specialty. Address MAPLEDALE POULTRY FARM, G. W. Bain, Prop., NASSAU, N. Y.

PRATT'S PROGRESSIVE STRAIN

WHITE ROCKS - WHITE WYANDOTTES

Yearly winners at Madison Square Garden, N. Y., Boston and Great Brockton Fair, where we won Gold Special for 3 successive years. Our first prize Boston 1913 cockerel, in the strongest class of White Rocks ever shown at Boston was proclaimed the Best White Rock of the season. Splendid cockerels and pullets for sale at living prices. Also eggs from the choicest of exhibition matings. Address

C. W. PRATT,

N. ABBINGTON, MASS.

MAGENTA POULTRY FARM, Established 1898

SINGLE COMB and ROSE COMB RHODE ISLAND REDS

Eggs by settings or by hundreds. I have in my breeding pens for 1913, Madison Square Garden and Albany, N. Y., Boston, Springfield and Holyoke, Mass., winners. Fine breeding cockerels \$3.00, \$5.00 and \$10.00 each. Free Circular.

F. E. WOODARD, EAST LONGMEADOW, MASS.

SINGLE COMB WHITE LEGHORNS--Exclusively

D. W. Young's Strain the finest in the World. 4000 Breeders on my famous free range system. Eggs now ready on a days notice at \$6 per 100 in any quantity. Now bookings orders for March and April delivery of Baby Chicks at \$12 per 100. Capacity 4000 weekly. Order at once for March and April delivery. My book "Profits in Poultry Keeping Solved" shows you where the money is—price \$1 or given free with all \$10 orders. Circular free.

EDGAR BRIGGS,

Box 31,

PLEASANT VALLEY, N. Y.

BAKER'S STRAIN COLUMBIAN WYANDOTTES

THE KIND THAT WIN AND LAY

1911—Grand Central Palace, 1st pen, 1st cockerel, 1st pullet, 1 pen. 1912—26 first prizes. The leading shows of the nation. 1913—Madison Square Garden, 1st and 4th cockerel, 3-4 cock, 5 pullet and 5 hen. We have furnished winners at other important shows. Our first prize Madison Square Garden cockerel was declared by many good judges to be the best Columbian Wyandotte shown yet at the Garden. I have a few first class pullets and cockerels for sale.

EGGS—3 and 5 DOLLARS PER SETTING

G. H. BAKER,

154 MAIN STREET,

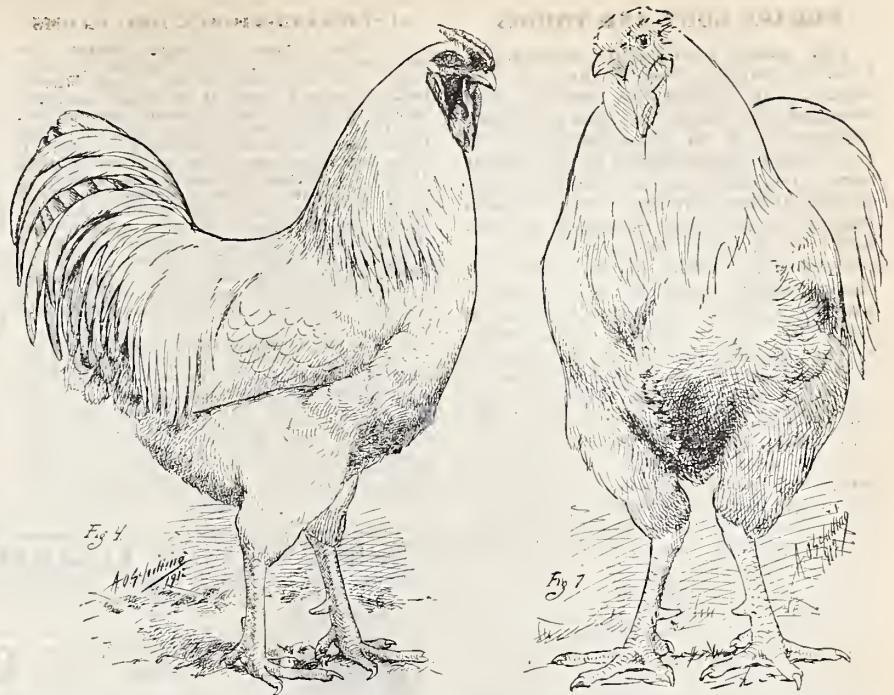
OSSINING, N. Y.

curved necks are not common. Few can be rated XXXX, a few more XXX, but the majority of necks will not average over XX or X.

BACK, TAIL AND WINGS

The back of a Wyandotte female is described in the Standard as being short, broad and rising in a concave sweep to a broad, slightly rounded cushion, which extends to, and on the main tail. This implies to the back of a Wyandotte female and not a little V-shaped indenture that some breeders believe to be a back. The back of a Wyandotte female in reality is not short; it only appears to be so, due to the profuse feathering of the neck and the excessive cushion in some specimens. The ideal Standard Wyandotte female must have an unbroken graceful curved line from the crown of the head arching over the neck and meeting concaved line of the back that continues on to the cushion with no approach to an angle at the juncture of the neck with the back and only a very slight indenture at the end of the cushion line where the latter meets the tail. Specimens showing V-shaped backs and Cochiny cushions should be rated X as they do not deserve a higher rating. A Wyandotte female that can be rated XX is an exceptionally good one, and one that reached XXX is a star.

The tail should be short and well spread. It often is that in exhibition specimens, but not so often in nature, so that judges will have little cause to discount the tails of exhibition Wyandotte females severely, thanks



In the illustration, Fig. 4, is shown one form of concave comb, bad lobes, long thin neck, long thighs and legs, pinched tail, narrow breast and lack of fullness in body. A type met with in English bred Silver and Golden Wyandottes. Fig. 7, illustrates flat and narrow breast, lacking in fullness and depth; also shows knock-kneed station and poorly set legs, which should debar a specimen from winning high honors at any show, even where there is little or no competition.—J. H. Drevestedt.

to the skill and art of the exhibitors. We rarely find a tail that cannot be rated XXX or XXXX at our leading shows. Pinched and long tails should be rated X wherever found.

Wings are seldom faulty in outward shape, the most common defects being broken or twisted primary or secondary feathers, which should be treated the same as advised in males.

DUNE ALPIN POULTRY FARM

Specialty Breeders of Single Comb White Leghorns

Make the greatest wins of the age at the Grand Central Palace, New York, Boston and Hagerstown, Md., Shows in competition with 50 other exhibitors, we won



AT THE GREAT HAGERSTOWN FAIR, OCTOBER, 1912: Cocks, 1 and 4; Hens, 1; Cockerels, 2, 3 and 5; Pullets, 1, 2 and 3; Pens, Old, 1; Pens, Young, 1; Specials for Best Leghorn Male and special for best bird in the Mediterranean classes and best display.

AT GRAND CENTRAL PALACE, NEW YORK, DECEMBER, 1912: Cocks, 1, 2, 3, 4, 6 and 7; Hens, 1, 2, 3, 4, 5, 6; Cockerels, 1, 2, 4, 5; Pullets, 1, 2, 3, 5, 6, 7; Pens, 2, 3, 4; Specials for best Male and Female, best color Male and Female, best shape Female, best display, and Gold Special for best display of any variety in the show. This win was made in competition with eighteen of our best breeders.

AT THE BOSTON SHOW, BOSTON, MASS., JANUARY, 1913: Cocks, 1, 2; Hens, 1, 3, 6; Cockerels, 1, 2, 3, 4; Pullets, 1, 3, 6; Pen, 3; Specials for best Display, best Male, best Female, best color Male and Female, best shape Male and Female, best head Male and Female, and Special for best bird in the Mediterranean classes. This win made in competition with fifteen other breeders, in the largest show ever held in the United States, proves the quality of our birds.

These three wonderful wins combined with our victories at Grand Central Palace, New York, Boston and Philadelphia, in 1910-1911, of twenty two firsts, thirteen seconds, seventeen thirds, ten fourths, nine fifths, eighteen silver cups and two championship medals, surely proves that we have the best in our variety.

We are now booking orders for hatching eggs at 60 cents each from our best matings. 35 cents and 20 cents each or \$15.00 per 100 from other good matings. Send for Catalogue and kindly mention where you saw this ad.

DUNE ALPIN POULTRY FARM,

George J. Ferr, Manager,

Box 561 W,

EAST HAMPTON, L. I., N. Y.

BREAST, BODY AND THIGHS

The most prominent section, at least it should be—is that of the breast. It should be broad, well rounded and deep. A "Shad bellied" Wyandotte is an abomination, as it gives undue prominence to the breast bone and ends up in "fluffy ruffle" creases at the body line. Such breasts should be severely punished by the judge; even where there is little or no competition unless such birds are superlatively good in all sections—which rarely is the case—we pass them by as unworthy of a prize. Neither should the breast be inflated or puffed up, but it should be smooth feathered and well rounded to form a harmonious curved line with the body. The latter while deep, should not drop its keel line below the back or carry a useless amount of drooping fluff. The heavy Cochiny bodied birds often found in even good over fat adult Wyandotte hens, should be rated X and no more.

The thighs should feel meaty and full when in hand, and have clearly defined curvilinear hock lines. Long thighs and loose feathered ones are defects that deserve only an X rating at the most. Shanks should be short but not so short as make creepers of Wyandottes; they should be stout and strong, but not too heavy in bone so as to destroy the graceful harmony of the other sections. Toes, of course, should be straight, as a rule few cuts are made for shape of shanks and toes, so that these sections can usually be marked XXX.

(Continued in March issue.)

"ZENOLEUM"

As a good dependable disinfectant "Zenoleum" ranks as one of the best. It has the endorsement of a majority of the state agricultural stations and numerous and leading breeders as well. Among the recent endorsements of the preparation is the following from T. E. Quisenberry of the Missouri State Experiment Station, Mountain Grove, Mo.:

"We have used Zenoleum Disinfectant in our National Egg Laying Contest during the past year to maintain sanitary conditions, and it proved very satisfactory. We also found it very beneficial in the treatment of some poultry diseases. It is one of the most satisfactory products we have ever used among poultry for the several purposes for which it is intended."

The Zenner Disinfectant Co., 270 Lafayette Ave., Detroit, Mich., manufacturers of the above preparation, publish an interesting little booklet entitled "Chicken Chat" that is chuck-full of valuable information for the poultry raiser. Besides describing the many uses of "Zenoleum", it contains much else of interest to the poultry breeder. A copy of this booklet will be sent free to all readers of this paper upon application to the above address.

*** "The Leghorns" is the title of our newest book. Contains just the information that Leghorn breeders desire. Send one dollar for a copy***

BUSCHMANN-PIERCE RED FARMS

At the Great Chicago Show the Buschmann-Pierce Red Farms, Carmel, Ind., won on their Rose Comb Rhode Island Reds a total of 70 points as compared to 28 by their closest competitor. In fact, they won more points than their next three competitors combined. This goes to show the quality of this strain of Rhode Island Reds, which is probably one of the greatest lines of R. C. Reds in the country. During the show negotiations were made with Owen Farms for their entire flock of the great "Sensation" line of R. C. Reds, and on the last day of the show satisfactory arrangements were made for the transfer, as the following will testify:

TO WHOM IT MAY CONCERN:

This is to certify that we have this day sold to the Buschmann-Pierce Red Farms our entire flock of R. C. R. I. Reds, including all our winners and selected breeders. Among the winners being 1st cock, 2nd hen and 1st pen at Madison Square Garden, 1911; the cock that won 3rd at New York, 1911, also first at Nashville and Memphis, 1912; and the first Memphis cockerel, 1912.

This flock is one of the finest in America and added to their already great flock will make them unbeatable.

OWEN FARMS,
Maurice Delano, Manager.

*** A dollar saved is a dollar earned. Earn a dollar by sending your order for magazines to us ***

OCULUM Increases Egg Yield 20 per cent. A Free Trial. Ad Page 358

SINGLE COMB ANCONAS

The Blue Ribbon winners and the kind that lay. Orders now booked for eggs.

Lee Roy Conklin, Box 256, Philmont, Col. Co., N. Y.



FRESH EGGS

7c a Dozen

from hens kept according to our free feeding plan in our Improved Houses, costing complete from \$12.50 up. Write to-day for catalog of Portable Poultry House.

OWEN CO., Front Street, ALLEGAN, MICH.

MERIH EW'S BUFF LEGHORNS

Win again all firsts at New York State Fair, five regular and six special prizes at Madison Square 1913. Silver Cup best display at Auburn 1913, write for mating list giving show record for last 15 years. We have for disposal 50 male birds. Utility and Exhibition breeders.

L. E. MERIHEW,

MARATHON, N. Y.



"BILLY BOUNCE" STRAIN

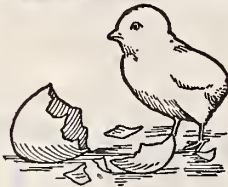
S. C. WHITE ORPINGTONS

Winners at New York State Fair, 1911, 1st pen. Auburn, N. Y., 1912, 1, 4 cockerel, 1, 2 hen, sweepstakes special. Auburn, 1913, 1 cockerel, 1 hen, 2 pullet. Stock at reasonable prices. Eggs \$3.00, \$5.00, \$8.00 per 15 from special matings. Write your wants.

JAMES F. CONDLEY,

W. 2 Vanden Bosch Avenue,

AUBURN, N. Y.



BABY CHICKS 10C EACH AND UP

Large vigorous S. C. White Leghorns, S. C. White and Black Orpingtons, Rose Comb Black Minorcas, S. C. Brown Leghorns and Black Tailed Japanese Bantams. Prize winners at large shows. Our yards mated by G. W. Webb, poultry judge. Write for free circulars.

Snyder-Janke Poultry Farm,

Olean, N. Y.

THE B-B BOOK ON DUCK CULTURE

The greatest work on Ducks published. It is written by one who has been successful. The Book treats on mating, breeding and judging of all varieties. The chapters on Incubation and Brooding and Rearing Ducklings is worth many times the price of the Book. Indian Runner Baby Ducklings and Eggs for Hatching For Sale. Price of Book 50c. Address

M. L. BEEBE,

CHATHAM, N. Y.

Winning Rose and Single Comb Reds

Our birds have style, shape and color. Our magnificent winning at Ohio State A. P. A. Show (Mansfield, December 2-7) proves the superlative quality of our birds. We won 2 firsts, 2 seconds and 2 fourths in Single Combs and 6 excellent places on Rose Combs. Lots of stock for sale. We will treat you right.

CARL C. BEATTY,

VAN WERT, OHIO

Ironclad Wins In 1911 And 1912 National Incubator Contest

Mrs. C. F. Merrick, Lockney, Tex., with her 140 egg Ironclad Incubator wins in the Mo. Valley Farmer and Neb. Farm Journal Big Hatching Contest in 1912. She placed 148 eggs in the incubator and hatched 148 strong chicks. Think of that! You can now get these famous winners. Ironclad also won in 1911 contest.

140 EGG INCUBATOR AND 140 CHICK BROODER

if ordered together for only \$10.00; freight prepaid east of the Rockies. Incubator is made of California Redwood, covered with galvanized iron and asbestos, hot water type, triple walls, copper tank and boiler, self-regulating, Tyco's thermometer, O. K. burner, egg tester, purveyor, complete, set up ready to run. Brooder is large, roomy, well made with wire scratching yard. Compare material and construction with other makes; if you do you'll surely order Ironclads. Guaranteed 5 years. 30 days trial. Order direct from this ad., hundreds do, money back if not satisfied. Or write for free catalog. Ask the publishers of this paper about us.

IRONCLAD INCUBATOR CO., Box 22 RACINE, WIS.

Both For \$10.00 PREPAID

Metal Covered, Will last a lifetime.

Made of Best Lumber

POULTRY BREEDING AT A WOMAN'S COLLEGE

By J. W. Beeson, A. M., LL. D.

(Continued from page 273)

eggs and some poultry. Of course the cost of keeping the poultry farm must be deducted, but by using the by-product such as waste from the college tables, truck farm and green



J. W. BEESON, A. M., LL. D.
Woman's College, Meridian, Miss.

bone from the college slaughter house, the expense of keeping is quite reasonable in spite of high prices of feed. The profits will be sufficient to be quite a help to the college financially, besides being an object lesson to the several hundred young ladies who attend this college, also the young men of the Meridian Male College, which college is run by Pres. M. A. Beeson, brother to the President of the Woman's College.

POULTRY ENTHUSIASTS AT TWO COLLEGES

These two colleges run by two brothers are located with adjoining campuses and together have hundreds of choice young men and young women in them from many states, and the Woman's College Poultry Farm will be a great impetus to the poultry business, especially of the South. Already several who have attended these colleges have become enthusiastic about poultry; and while

this plant is now in the second year at its present quarters it has already fulfilled a great mission both to the college in a financial way; to the boarders in affording a better table fare, and to the young men and women and patrons of these colleges in arousing interest in the greatest American production save possibly one. It is also fulfilling its mission to other colleges by showing them they can utilize the waste to advantage in the poultry farm and thus add to the income of the college.

OCULUM lessens poultry troubles 50 per cent.—a free trial—ad. page 358.

ENGLISH ORPINGTONS BLACK, WHITE, BUFF, Rose and Single Comb. Males \$5 to \$10; females \$3 to \$5.

John A. Hageman Co., 12-6 Box W, Charlotte, Mich.

Indian Game and Wyandotte

SPECIALIST

White and Cornish Indians. White, Silver Laced, Silver Penciled, Golden Laced, Partridge, Buff and Columbian Wyandottes...

Write for Catalogue and winnings.

H. J. HUNT, 3rd.

BETHESDA, MD.

WHITE PLYMOUTH ROCKS

Eggs from 1st pen, headed by son of Boston, 1912, Championship male, \$3.00 a setting. Eggs from highest grade, heavy laying, utility stock, \$1.25 a setting. My Black and White Cochins Bantams are winners.

THEODORE POOLE,

Emma Street, SYRACUSE, N. Y.

WHITE WYANDOTTES GALA STRAIN BRED-TO-LAY

Are you the manner of man or woman who is looking forward to having Stock from a Strain of Bred-To-Lay White Wyandottes that are winners? Stock bred for egg production that are of such standard quality that they won 1st Pen, 2nd Pen, 4th Pen, and 5th Pen at Chicago, Dec. 1911? 1st Cock, 3rd Cock, 1st Cockerel, 3rd Cockerel, 4th Cockerel, 3rd Pullet, 2nd Pen, 4th Pen at Indianapolis show January 1912?

THE OPPORTUNITY IS KNOCKING AT YOUR DOOR—LET'S GET ACQUAINTED. All these winning Pens are in our yards. A setting of eggs will start you.

GALA POULTRY PLANT.

BENTON HARBOR, MICH

SINGLE COMB RHODE ISLAND REDS

SHOW WINNERS

SHOW PRODUCERS

Syracuse State Fair, 1912, we won 1, 3 pen, 1 cock, 1, 3 cockerel, 2, 3 pullet. Auburn, 1913, winning 1, 2, 4 cockerel, 1, 3 hen, 1, 2, pullet 2, 4 hen, 1, 2, 4 pen. Eggs \$8.00, \$5.00, \$3.00. Utility \$2.00, \$8.00 per hundred. We have some typical Red cockerels for disposal.

ELMWOOD POULTRY FARM,

Office, 214 May Avenue, SYRACUSE, N. Y.

Stewart Haddock's S. C. White Leghorns

Winners of 11 regular and 4 special prizes at Albany, 1913. Also won at Boston 2nd pen and 4th cock. All stock raised on free range under ideal conditions. 200 April hatched pullets for sale at \$2.00 each. Write for mating list and prices on stock and eggs.

STEWART HADDOCK,

Granock Farm,

Box 6,

POUGHKEEPSIE, N. Y.

RILEY'S ROSE COMB REDS

WIN MORE POINTS AT

Buffalo and Rochester than any other Rose or Single Comb breeder. Mayor Fuhrmann's Trophy for best display on males and Rock Creek Farm's Cup, Red Breeders Cup for the most points. A few good males for sale. Eggs from these International winners at \$5.00 per setting. Mating list Free.

C. E. RILEY,

Box A,

431 Fargo Avenue, BUFFALO, N. Y.

SILVER CAMPINES

They win for us. Our strain will win for you. We won at Cleveland, 1912, all firsts. At Cleveland, 1913, 1st cock; 2nd, 3rd and 4th cockerel; 1st, 3rd and 5th pullet, 2nd pen and Silver Cup for best display. Eggs \$5.00, \$10.00 and \$15.00 per setting of 15.

HOPKINS & WERNICKE,

BEREA, OHIO

Douglas Barred Rocks---The Famous Silver Cup Winners

Are again victorious, sweeping all before them wherever shown. Their record breaking win at the great Auburn, N. Y., Show, together with their clean sweep at Geneva and Rochester, N. Y., puts them in a class by themselves. At Auburn they won 1, 2 cock; 1, 2, 4, 5 hen; 1, 2, 3 cockerel; 1, 2, 3 pullet; 1, 2, 3, 4 exhibition pen; 1, 2 pullet bred males; 1 cockerel bred female; all cash, shape and color specials; three Association Cups and State Cup offered by National Barred Rock Club.

Eggs from either cockerel or pullet matings, \$3.00 per 15.

H. B. DOUGLAS, Manager,

HANNIBAL, N. Y.

LOSSES AND DISCOURAGEMENTS DUE TO POOR MANAGEMENT

The reader must not think it is all smooth sailing. We have had our losses and discouragements. The greatest drawback has been in finding a suitable person as manager. Few Southern people have studied poultry raising scientifically. It is a new enterprise in the South and the few who have studied it in college had not had experience to manage a large plant. They can raise a few chickens or ducks in the back yard, but that is quite a different proposition to raising fine breeding stock on a larger scale. Managers from other sections are not familiar with the climatic conditions at first. They have considerable losses while they get acquainted with conditions. Yet with all our losses Woman's College Poultry Farm is a paying investment. We believe it ought to be a part of all colleges.

If we can help any college or any individual in getting started in the poultry business, we shall be glad to do so, if a stamp is inclosed for reply. Any problems that we have solved we shall be glad to pass onto others.

KENMORE POULTRY FARMS, NASHVILLE, TENN.

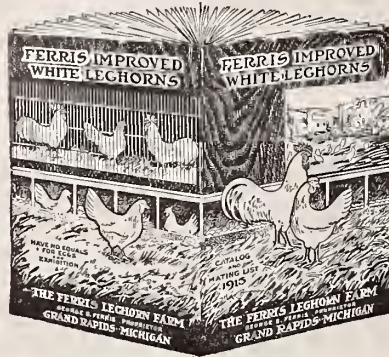
Attention is called to the advertising of the Kenmore Poultry Farms, Nashville, Tenn., S. Hartman, Proprietor, who become annual advertisers in this issue of AMERICAN POULTRY WORLD. Mr. Hartman specializes in Single Comb Buff Orpingtons and Single Comb Black Minorcas and his birds have made a very enviable reputation in the leading southern shows. A few of his recent winnings may be found by referring to his advertising on page 343 of this issue. It has been said by breeders who have visited his plant, that it was one of the most complete farms that they had ever seen. Many of the delegates while in attendance at the American Poultry Association Convention at Nashville last fall, made a visit to the Kenmore Poultry Farm and they were all very loud in their praise of both the plant and the stock. The brooder system especially received much commendation. Mr. Hartman is a thoroughgoing business man and has made success in other lines of business and is applying the same methods in his poultry business that have brought him success elsewhere. Readers who contemplate purchasing eggs and stock of either S. C. Buff Orpingtons or S. C. Black Minorcas should not hesitate to place their order with Mr. Hartman, as they have the full assurance that the order will have careful attention and that every promise made in his advertising will be strictly adhered to.

OCULUM

Great claims have been made for Oculum as a cure and preventative for several of the most dreaded diseases to which poultry is heir. The claims put forth by the manufacturers of this remedy appear to be well founded, as they are substantiated by many of the foremost poultry breeders of the country. It is entirely different from any other poultry remedy on the market and is administered in an entirely different manner. It is claimed that fowl treated according to directions with Oculum are made immune from the attacks of cholera, white diarrhoea, roup, etc. The manufacturers have such explicit confidence in the virtues of this remedy that they offer to send a full sized bottle of Oculum on a fifteen days' trial, and leave you to be the sole judge. If you are satisfied at the end of fifteen days that the remedy will do all that they claim for it, you are to make payment for the same. If not satisfied return what you have not used. We can not conceive a fairer proposition and would advise readers of this journal to give it a trial.

THE NEW FERRIS LEGHORN CATALOG

We have just received the new 132 page catalog of Ferris Improved White Leghorns, and it is one of the finest catalogs that has ever been published by any White Leghorn breeder. Not only does it describe the famous Ferris Improved White Leghorns, but



it contains much information of great value to every breeder of Leghorns. The methods of feeding, of breeding, and of housing that are responsible for the remarkable quality of Ferris Leghorns are described in detail and will help many breeders to greater success. A new style of poultry house has been developed by Mr. Ferris that is sure to be widely used in the northern states for it is one of the most successful houses for winter egg production that has ever been devised; and the catalog describes it fully.

The illustrations deserve mention also and show the modern character of the farm and the splendid quality of the stock. The quality of eggs, chicks and stock, and the generous guarantee given every purchaser, are explained in detail, as are the methods that have been followed in building, laying and exhibition qualities.

Mr. Ferris is in position to furnish winners for the largest shows for his stock is right up to the standard in every particular. What is still more important, all his breeders are trapped and have been for 12 years, so that Ferris Leghorns are unequalled egg producers. Special attention has been given to producing winter layers.

This catalog has cost several thousand dollars, and the information it contains makes it a bargain at a dollar a copy, but Mr. Ferris has decided to send it ABSOLUTELY FREE. It is his desire to have as many of our readers as possible become acquainted with this most profitable breed, and we earnestly request you to write for a copy at once and learn more of the wonderful possibilities of modern egg production.

Address George B. Ferris, 908 Union Ave., Grand Rapids, Mich.

*** The beginner cannot afford to be without a copy of the "Chick Book". In it America's most successful poultrymen give their experience. Send fifty cents for a copy. It may save you dollars ***

Now is the time to think about those Hatching Eggs and **S. C. BUFF LEGHORNS Will Lay Them Baby Chicks.** If you want WINTER EGGS our We are now booking orders for April and May delivery, better get your order in now. Perhaps you need a Cockerel or a few more Pullets? Send for our Circular.

SPRINGSIDE POULTRY FARM, J. W. & J. E. McNeil, Box B, CANAAN, N. Y.

LORD-SANBORN BUFF WYANDOTTES

200 pure Lord birds for sale at \$5.00 each. Best display at Palace and Boston Shows, 1911.

DR. N. W. SANBORN, R. F. D. No. 224, HOLDEN, MASS

ROSE COMB REDS S. C. WHITE LEGHORNS

300 Breeders and Layers. Exhibition and Utility. Color and Vigor. All Stock Farm Raised. First class laying and breeding stock always for sale.

We have installed a Candee Mammoth and we are now booking orders for Baby Chicks and Eggs for Hatching. Orders promptly filled. Address

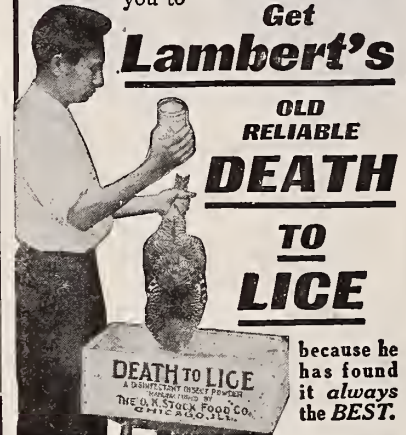
HOOSAC FARMS, James Mitchell, Mgr., HOOSAC FALLS, N. Y.
Member R. I Red Club of America.

Knocks 'Em Stiff in a Jiff

There isn't a ghost of a show for lice and mites on hens, chicks or nests after a dust with the old reliable Lambert's Death to Lice. It knocks 'em stiff in a jiff. As one of the big successful poultrymen wrote us, "It is impossible to get along without your louse killer," so it is with every user. There's nothing so efficient.

Don't Experiment

Follow the example of the leaders—ask any successful poultryman which lice killer has been the standard for 30 years—which is acknowledged BEST. He will tell you to



Don't expect to make your hens pay and permit lice to worry and annoy them. The lice will get the profit and often the hens and chicks, too. A few cents invested in Death to Lice will bring dollars in profit. Just the thing for layers, sitters, and exhibition stock. Will not injure eggs, chicks or hens or soil plumage. Get a 5 oz., 10c box at dealers to try (or send to us direct if he can't supply you). Other sizes 25c, 50c and \$1.00. Lambert's Latest copy of "POCKET BOOK OF POINTERS," a valuable book for poultry raisers. Mailed for 2c stamp.

O. K. STOCK FOOD CO.
507 Traders Bldg. Chicago

MADISON SQUARE GARDEN POULTRY SHOW

By J. H. Drevenetdt

(Continued from page 275)

Fairbrook's Cochins Yards, Buff Cochins would have been wiped out entirely Partridge Cochins, once one of the star attractions at the Garden, when Geo. W. Mitchell exhibited his beautiful string, were represented by two cocks, two hens and two pens only. Not a White or Black Cochin was in sight.

Langshans saved the Asiatic class with 90 specimens, the quality being also first-class. Franklane L. Sewell, one of the oldest breeders of Langshans in America, judged his favorites in the same thorough, conscientious manner that characterizes all his work.

PLYMOUTH ROCKS

The real storm center at the Madison Square Garden was the Plymouth Rock alley, although the Orpington breeders tried their best to capture the honor if such it is. To win a blue ribbon on Barred and White, to say nothing of Buff and Partridge Plymouth Rocks, means a battle of the giants for the honor.

The Barred Rocks are easily the leaders in furnishing the excitement, for here we find most of the finest specimens produced by America's greatest breeders. To judge Barred Rocks at Madison Square Garden is a very serious and difficult task, i. e., to accomplish to the satisfaction of all interested exhibitors. We believe H. P. Schwab and C. H. Welles did their work in a manner that was satisfactory to the disinterested and fair-minded Plymouth Rock breeders present. It was a thankless job and always will be, but no reasonable fault can be found with the awards as made by the judges. While in some instances they followed the dictates of fashion instead of the Standard color markings, the fault rests with the breeders who are creating these extremes in color and barring.

E. B. Thompson with his "Ringlets", scored heavily in the male and pen classes, winning the lion's share of the prizes. But the star of Mr. Thompson's collection was his first prize cockerel, one of the most finished products in type, color and barring we have seen in many years. Yama Farms showed a very sweet hen and equally attractive pullet that had fine color and well balanced barring.

White Plymouth Rocks were magnificent classes, the winners being grand in type and color and shown in splendid condition. Oven Farms made a wonderful record, winning 1st, 2nd and 5th cock; 2nd and 5th hen, 2nd, 3rd and 6th pullet, and 1st, 2nd and 3rd pen. The male at the head of the first pen was an ideal specimen in every respect, and the star of the White Rock alley. L. C. Bonfoey made a fine showing, capturing the following prizes: 2nd cock, 2nd and 5th cockerel and 1st pullet. The International Poultry Sales Co. took the blue ribbon with a beautiful hen, third and fourth prizes on cockerels and fourth and fifth on pullets.

Buff Rocks were equally great

classes, the classes being unusually well filled and the competition very keen, but Linfield Poultry Farm made one of their usual great records by taking every blue ribbon except one with a superb lot of specimens.

Partridge Rocks were excellent classes, Bird Bfos. making a clean sweep this year with strictly high-class specimens in each and every class. Silver Penciled Plymouth

Rocks, small classes, but what they lacked in numbers they made up in quality, the blue ribbon winners being especially fine in color and type. Columbian Plymouth Rocks, strong



MONEY MAKERS

35 varieties. Chickens, Ducks, Geese, Turkeys, O. I. C. Hogs. Fine stock and eggs at low prices. Big illustrated circular and beautiful picture, 16x20, in colors, only 10c. Don't miss it. JOHN E. HEATWOLE, HARRISONBURG, VA.

SMITH'S S. C. RHODE ISLAND REDS

Winners at Mineola, Hempstead and other big shows. Breeding and Exhibition Stock for sale. We Can Win For You. Address

PHILIP SMITH,

R. I. Red Specialist,

ROOSEVELT, N. Y.

ORIGINATORS OF BUFF BRAHMAS

THE COMING FOWL OF AMERICA. Won at Madison Square, Boston, Philadelphia, Buffalo, Pittsburgh, Albany, Allentown, etc. Can furnish exhibition birds to win for you, also nice breeding specimens. 1 pen White Orpingtons \$20 for quick sale, 30 White Leghorn Cockerels selected from several hundred, for \$3.00 each. Youngs stock. Reference: First National Bank of Hudson, N. Y.

LLOYD M. HALLENBECK,

Expert Poultry Judge,

GREENDALE, N. Y.

MAPLECROFT S. C. RHODE ISLAND REDS

Our Pullet, Palace Queen, won 1st at both New York Shows, Shape and Color Special, 1911. Our Pullet, Red Princess, won 1st at both New York Shows, Shape and Color Special, 1912-13; both bred and owned by Maplecroft Farms. We also own PAFRIKA, 1st Cockerel, New York, 1912, one of the best birds ever bred.

EGGS for SALE from choice Matings. Send for Circular.

MAPLECROFT FARMS,

PAWLING, N. Y.



Fruit and Poultry Pay Well Together

The busy time for poultry is the easy time for fruit. Quinces, plums and cherries in poultry yards help the poultry and produce great crops. Plant grape vines around runs and poultry houses. They give shade in summer and bear paying crops in the fall. It pays.

GREEN'S FRUIT GROWER tells you how and where to plant, how to prune and spray, and how to make your fruit trees most productive. Mr. Green has piloted many orchardists.

One of our subscribers writes us that he got \$596.31 net from five acres of strawberries.

Another one got \$240.64 net from two acres of raspberries.

Another one got \$490.66 net from two and a half acres of cherries.

This is better than growing wheat at \$1.00 per bushel, thirty bushels to the acre.

Charles A. Green, the man who, over thirty years ago, discovered that fruit growing was the best and most profitable way to occupy land, has written an intensely interesting and highly instructive book, "How I Made the Old Farm Pay." It is worth many dollars to any fruit grower or farmer. It is a story of Mr. Green's actual work and its results. YOU may follow its methods and teachings and make your place much more profitable.



The January, 1913 "Brim Full" Number.

Our Special Offer

Send 50 cents now and get GREEN'S FRUIT GROWER for twelve months and Green's booklet, "Thirty Years with Fruits and Flowers."

Or send us \$1.00 to-day and we will send you GREEN'S FRUIT GROWER every month for thirty-six months and Mr. Green's famous book, "How I Made the Farm Pay."

Or send 10 cents to-day for three months trial subscription and get Mr. Green's book, "How I Made the Old Farm Pay" free.

Send your order to-day, as the subscription price must be advanced.

SEND NOW AND BE GLAD LATER.

Green's Fruit Grower Co.

Dept. P.

Rochester, N. Y.

classes, the color and type of leading winners being first-class, Lew H. Bown's first prize hen being an exceptionally fine bird in color markings. Mr. Bown's second prize cockerel was another high-class specimen.

WYANDOTTES

Silver Wyandottes made an excellent showing, the quality being more even than we remember seeing at the Garden in several years. The winners were consistently placed, the lighter or Sebright form of lacing ruling the favorite with the judge, although the type of some of the females did not come up to standard requirements. LeRoy W. Seigfried captured all the blues in these classes, his winners being consistently strong in color markings. Golden Wyandottes were disappointing in numbers only, thirteen single entries being catalogued. The quality of the winners was first-class. Black Wyandottes, excellent classes; type and color being especially good, but yellow shanks were conspicuous by their absence. Buff Wyandottes, well represented, with many highclass specimens, T. S. Hewke and Stuart A. Howland, being the leaders; Mr. Howland winning 1st cock, 2nd and 5th hen; Mr. Hewke capturing 2nd and 3rd cock, 1st, 3rd and 5th hen, 1st, 2nd, 3rd, 4th and 5th cockerel, 1st, 2nd, 3rd and 5th pullet, a record rarely if ever equalled by a Buff Wyandotte breeder and exhibitor. Partridge Wyandottes, smaller classes than usual, but teaming with quality all over. The famous Sheffield Farm string captured all the blue and red ribbons, except one blue, with the highest type of birds. Chas. B. McEwan also did well in these classes, every bird he entered being placed, his second prize cock being an exceptionally fine bird. Silver Penciled Wyandottes made the most beautiful exhibit we have ever seen of this variety, and while we have judged and handled some remarkably good classes at past shows, we must frankly admit that no such stars as appeared at this show have been penned at any other within our recollection. The first prize cock was the most perfect Silver Wyandotte in color we have ever seen and his beautiful type and head matched the color markings. The first hen was exquisitely penciled and steel grey in color, of good size and form. First cockerel and pullet were fit companions for the coming cock and hen. Columbian Wyandottes, very good classes, although not as well filled as we expected. This variety, judging by the winning specimens at the Garden, is making decided progress in color markings, rivalling the first Light Brahma in hackle stripings and laced tail coverts. Shape has not progressed as rapidly, however, and we believe Columbian Wyandotte breeders will do well to pay more attention to this in the future. White Wyandottes made a brilliant showing with 37 cocks, 40 hens, 46 cockerels, 48 pullets and 18 pens, making a total of 261 specimens, the banner class of the show. The quality of the winners was of the very highest, while scores of birds that failed to get a place had been winners at other shows and would be winners at Madison Square Garden,

with the other charmors away. We admired the winning cocks and cockerels greatly, especially those with the blue ribbons pinned to their coops. They were a show, in beautiful condi-

tion and were exceedingly fine models of this popular variety and there were second and third prize males that were dangerously close to these. In hens and pullets we do not think the

Bred from 1st Cockerel, 1st Hen, and 1st Pullet at "The Great Ontario", 1911. Young stock for sale.

WELLAND, ONTARIO

White Orpingtons

J. E. COHOE,

Breeding Stock and Hatching Eggs

From prize winners, at Baltimore, Hagerstown, Frederick, etc.—in R. C. Black and S. C. Black and Buff, White Orpingtons, Buff Plymouth Rocks, Buff Wyandottes, S. C. and R. C. Black Minorcas, Golden Campines and Silkies, Write your wants. Square Deal.

BRISH BROTHERS,

10 W. Patrick Street, FREDERICK, MD.

A. W. KOPFSTEIN

PEERLESS POULTRY CO.

A. C. KOPFSTEIN

White Wyandottes—Barred Rocks

EGGS FOR HATCHING BABY CHICKS

White Wyandotte Eggs \$2.00, \$3.00, \$5.00 for 15.

Barred Rock Eggs \$2.00, \$3.00, \$4.00 for 15.

Stock for sale at all times. Ask for our prices on Baby Chicks, the livable kind.

PEERLESS POULTRY CO., 1214 E. 80th Street, CLEVELAND, OHIO



This 132-Page Catalog Tells How We Increased Egg Production 25%.

FOR the first time we tell in detail how the wonderful laying qualities of the Ferris Improved White Leghorns have been developed. Twelve years ago when we started to breed layers it was impossible to get hens that would lay more than 100 to 140 eggs a year. Now we have thousands of birds with records of 185 or more a year. We have developed this laying strain by the system of breeding explained in the catalog—by methods that have never before been followed by any breeder.

We Can Supply Eggs, Chicks and Foundation Stock in Any Quantity, and Will Guarantee Perfect Satisfaction

Fine Breeding Cockerels at \$5.00, \$7.50 and \$10.00—and pullets and yearling hens at \$4.00 and \$5.00, that have egg producing qualities ingrained in their constitution because they have been systematically bred for eggs.

All stock is shipped on approval and we fill every order with exactly as great care as if you were here to pick out the birds yourself. We also have exhibition birds of the very finest quality with perfect Leghorn shape in every section that will win and breed winners wherever you want to show. We have been winning for years at the largest shows and the catalog will show photos of these winners and tell you all about them.

Eggs—Fertility Guaranteed. We replace all infertile eggs free of charge and send out only large, pure, white eggs—the kind that are needed to bring top market prices—and that always hatch well. All our breeders have the best care that our years of experience can suggest. Health and vigor is bred in the bone and will enable you to hatch strong, hardy chicks. We can ship safely anywhere in the United States, Canada or Mexico.

Day-Old Chicks. We can furnish chicks from any of our matings and will guarantee safe arrival anywhere within 1500 miles from Grand Rapids. We have shipped thousands of chicks to distant points and will put them in

your hands in just as good condition as if you took them right from your own incubators.

Utility Matings. Our utility matings are remarkably good this year. Several thousand hens descended from our trapednest layers enable us to make prompt shipment. The price of eggs is \$12.00 per hundred in March, and \$10.00 in April. Day-old chicks are \$28.00 per 100 in March and \$24.00 in April.

Trapednest Laying Pens. If you want the very best layers that have ever been produced, place your order for eggs or chicks from these special matings. There are no hens in these pens that lay less than 185 eggs a year and most of them lay more—records of over 200 being common. There is no space to describe these matings in this ad, but the catalog and mating list tell all about them.

Exhibition Matings. The remarkable quality of our exhibition matings can be better understood by consulting the catalog, which shows photos of the males in each pen and also shows many of the females. If you want to win at the big shows next fall and winter you cannot afford to buy eggs until you have looked over our catalog and mating list and obtained a clear idea of the superior quality of the winners that comprise these matings.

Get Your Copy of this New Catalog—It Will be Sent Absolutely Free

This new 132-page catalog is the finest catalog ever issued by any poultry breeder. It gives you the benefit of our 12 years experience with White Leghorns and contains information every poultryman should have. Tells all about the famous Ferris Improved White Leghorns and the methods we have followed in building them up to their present high standard. Send a postal now while you have the matter in mind—and get the copy we have reserved for you.

George B. Ferris The Ferris Leghorn Farm 908 UNION AVENUE Grand Rapids, Mich.

type of some of the winners quite equal to that of the males in body and thighs, the shape of the latter being more fluffy in appearance than the Standard Wyandotte female calls for, although some breeders and judges fancy these low bodied birds, as the latter usually are good in breast, neck and back and when furnished with fine headpoints and spotless white plumage, the judge is enchanted on the spot.*

RHODE ISLAND REDS

Rhode Island Reds made a great showing at the Garden this year and the following special report, written by George W. Tracey, the well-known Red expert, tells who the winners are and how their birds looked.

The Rhode Island Red classes at Sec. Crawford's last Madison Square Garden Show were by far the most interesting of all the classes of this great variety that have yet appeared at the Garden, and we are going to supplement this by saying that it was the greatest class of Reds ever shown. We know that critics may differ from this statement, but we believe it is true, nevertheless. Although every blue ribbon winner came up to the requirements of their exalted positions, yet in the Single Comb cockerel and hen classes there were a number of very remarkable birds that were not in the ribbons, and the same might with truth be said of the S. C. Pullet class and the Rose Comb cock and hen classes. Among the birds we particularly wish to mention are two single comb cockerels shown by Old Acres, one of which, we believe, will make things hum at Boston. Second cockerel, shown by Lester Tompkins, which was a beauty, with one shade of red from head to tail, strong in under color, and let me tell the boys I would hate to run up against him with Judge Card placing the ribbons, and he knows how to place them. Another great bird was "Paprika", shown by Maplecroft Farm, and winner of first prize at the big Palace, N. Y., show, a truly great bird and one of the very best ever shown. Schenley Heights Poultry Yards had a wonderful cockerel, a bird we think a great deal of. Any of the birds mentioned were strictly in advance of winning S. C. cockerels of previous years at the Garden and is indicative of the great progress that is being made in the

SINGLE COMB WHITE LEGHORNS

PURE STRAIN VIGOROUS HEAVY LAYING

The White Leghorn stock of the Michigan Poultry Farm has been carefully and consistently bred to bring out those qualities of purity, vigor and fertility for which it is justly famous throughout the country. Poultrymen and farmers desiring the highest type of Leghorn stock should purchase it from Michigan Poultry Farm—a poultry plant whose most valuable asset is its thousands of satisfied customers.

DAY OLD CHICKS BREEDING STOCK

Chicks and breeders from Michigan Farm are finest specimens of the highest type. They are bred, fed and housed on the most modern approved methods. Their vigor and vitality are carefully preserved. They are rigorously culled. Finally, they are shipped right—reaching the customer in the best possible condition. If you want the Best in Leghorns, buy from Michigan Farm.

Send for Our Catalog—It Saves You Money

Because it will show you how and where to get the best stock. It will also give you some valuable hints on keeping poultry. Send for a copy today—it is worth while.

WE DO CUSTOM HATCHING—THE RIGHT WAY

Write for prices and particulars of our Custom Hatching Service.

Michigan Poultry Farm Lansing, Michigan



Royal Red S. C. Rhode Island Reds

Make the most sensational win at Chicago, 1912, winning four of a possible six first prizes or twice as many as all other exhibitors in the class.

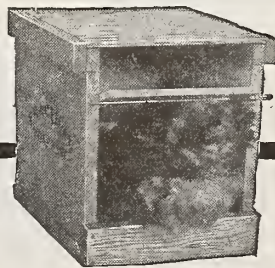
My First Prize and Champion S. C. R. I. Red Pullet was one of the features of the show and was awarded Club Special for Best Colored Female.

My Royal Reds were easy winners of Association \$50.00 Cup for Best Display with almost as many points as all other competitors together.

Royal Reds won 1-3-4 Cock, 2-3 Hen, 1-2-3 Pullet, 2 Old Pen, 1 Young Pen and this winning will prove the greatest triumph of the present show season and proves beyond dispute that Royal Reds are one of America's leading strains.

I have over 1000 head of superb Quality stock for sale. Exceptional bargains in cocks, cockerels, hens and pullets. Winners for any show in America. Catalogue Free.

F. E. HARRISON, Box A, MENOMINEE, MICH.



Make More Money—Get Rid of the Drones by Using Practical Trap Nests

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NEWTOWN PRODUCING COMPANY, Newtown, Pa., U. S. A.

Price \$1 Each

breeding of Rhode Island Reds. Among the hens those shown by A. S. Bailey, Locust Poultry Farm, and H. P. Deming were worthy of particular mention as they had pullet color, and the same could be said of an unplaced hen in the Rose Comb class owned by Payne Bros. In describing the winners in both classes, no one can truly say that any particular winner was in a class by him or herself.

The pen winning by the widest margin was 1st prize Rose Comb pen, owned by Red Feather Farm. The Single Comb pens were by far the strongest class of pens ever shown in the east, every pen a corker, the first five being just a grade ahead of the remaining pens. First pen, consisting of four splendid females, were alike as four peas in a pod, headed by a splendid male. Second pen had in one of the best males in the show. Third pen had in the four prettiest females we ever saw penned together in a red show, but the male was not fully developed. Fourth was a well balanced pen. Fifth was very similar to 1st, having four beautiful pullets headed by a grand male. This pen crowded 1st very close. First S. C. cock was as good a S. C. cock as we ever saw exhibited. First hen was a corker and was 1st prize pullet at the big 1909, Chicago show. She is better color as a four year old hen than she was as a pullet. Lester Tompkins, her owner, refused 200 dollars for her and was asked to name a price for which he would sell her.

Second hen was a star, she was red as a pullet. There were 36 classy S. C. cockerels in and Mr. Bryant very truly said that 18 of them were good enough for first place.

First prize cockerel was rightly placed and was a marvel in color and type; 3rd cockerel was a very remarkable bird, both in color and shape; 1st pullet, owned by Maplecroft Farm, was also 1st pullet at the Palace, N. Y., show. She is a remarkable pullet for, although February hatched and having laid since the last of July, she held her color and performed the remarkable feat of winning blues at both the Palace and Garden shows. Maplecroft Farm performed the same feat last year, their celebrated pullet, Palace Queen, winning 1st at both shows.

Lester Tompkins won 1st hen in both Rose and Single Comb classes and, of course, both hens were hummers. We have previously alluded to 1st S. C. hen, and 1st R. C. hen merits the same. Mr. Tompkins put in a remarkable string of birds and it is wonderful to see so many good ones shown by a man that sells so many good ones. We have been at several big shows this season and the first prize birds in several classes were furnished by Mr. Tompkins. In one instance a bird he furnished won special cup for best bird in the whole show.

Old Acres distinguished themselves by winning 1, 2 pens, 3rd hen and 1, 5 cockerels. The winning of 1, 2 pens

sets a new record in Single Comb Red Pens; this being the first time that such a winning was made in the history of the Reds at Madison Square Garden. This is also the 2nd time in three years that they have won 1st cockerel at the Garden. We visited Old Acres recently, where we handled 35 of the best S. C. cockerels we ever handled on one farm.

A. S. Bailey of Cobalt, Conn., won 3, 4 cockerels. Mr. Bailey ranks with the best S. C. breeders.

Representative H. P. Deming of Robertsville, Conn., made his Madison Square Garden debut, winning 4th cock and 3rd pen. The four pullets in his winning pen were the admiration of every Red man that was in the Red alley. A great feature of Mr. Deming's entries was the constant laying of the females during the show. It was natural for them as Mr. Deming had a pullet in the Storrs, Conn., College, egg-laying contest that laid 238 eggs in 11 months. We predict a bigger winning for Mr. Deming's Reds the next time they appear at the Garden.

F. E. Woodward of East Longmeadow, Mass., and originator of the celebrated Magenta Strain of Rose and Singles Comb R. I. Reds, was at the Garden, looking particularly pleasant. Brother Woodward's slogan that he furnishes satisfactory birds for the biggest shows (and, of course, that includes Madison Square Garden) for the biggest breeders—we believe still holds good, as he had just re-

E. B. Thompson's Imperial Ringleet Barred Plymouth Rocks

First Prize, Second, Sixth and Eighth on Cockerels. First Prize and Sixth on Pullets. First, Second and Fifth on Exhibition Pens. First on Cockerel Mated Pen. Second, Third, Fourth and Fifth on Cocks. The Imperial Prize of the Show, Sweepstakes Special for Champion Male. Sweepstakes Special for Champion Female. Diploma presented by the American Poultry Association for Best Cockerel. Sweepstakes Cup for best Plymouth Rock hatched in 1912, male or female, any variety. Challenge Silver Cup for best Exhibition Pen. Special Best Shaped Male. Special Best Shaped Female. Special Best Colored Male. Special Best Colored Female. Best Cock, Cockerel, Hen and Pullet; four best Cockerels; four best Pullets; \$25 Special Prize presented by the New York Show for Finest Display; All Silver Cups and Cash Specials; Four times as many First Prizes as any competitor; more First Prizes than all competitors combined; more First, Regular and Special Prizes than won by any competitor of any breed.

My Exhibit Of 56 Birds Was The Best The World Has Ever Seen

No other Barred Rock breeder has ever produced or is producing such matchless quality. Every feather in my exhibit was bred on my farm. My First Prize Champion Cockerel and First Prize Champion Pullet are years ahead of their time—they are the product of the highest skill. No other Barred Rock breeder has ever accomplished the unprecedented achievement of winning the two greatest prizes in the world—Champion Male and Champion Female—at one show in Madison Square Garden.

Win the most wonderful record beyond all precedent in Barred Rock history [at the Imperial and Most Classic Show of all America, Madison Square Garden, New York, this Winter of 1913. Winning as follows:



E. B. Thompson

Lock Box 330, Amenia, N. Y.

See My Ad. on Back Cover Page

ceived one hundred and eighty-five dollars for the best cock bird of the year and one of the best ever shown.

Schenley Heights Poultry Farm, Pittsburgh, Pa., won 3rd on a very fine pullet. Mr. Rankin, proprietor of this noted Red farm, has just begun to come east and he is going to continue coming. He gave the boys a shock at Philadelphia, where he won a carload of cups, specials, etc., winning also three blues, viz: 1st cockerel, 1st pen and 1st hen, best display, etc. Mr. Rankin made many friends and he is a valuable and pleasant addition to the exhibitors at the Garden show. Look out for him next year. He believes that he learned a few things that he was not quite sure of before.

The Red Feather Farm, Tiverton Four Corners, R. I., won 2 cock, 4 hen, 1, 3 cockerel, 4 pullet and 1st pen, and best display. First cockerel was a great bird and the best young Rose Comb of the year, while 1st pen as we said before was the only easy winner in the Red show. Mr. Almy, owner of the Red Feather Farm, made a big hit when he purchased "Sensation" with all his progeny, owned by Mr. Bean, as it gave him a corner on this great strain of Rose Combs, a strain that nicks with everything it is mixed with.

Annesley M. Anderson, Morton, Pa., did very well, winning 5th cock, 2, 3 hens and 2d pen. Mr. Anderson was the big winner at the Philadelphia show on Rose Combs and he always

wins a good share of the ribbons at any show that he enters in.

Louis Anderson, of Bloomsbury, N. J., just to test the quality of the class, entered one cockerel and won 2nd, and he was some bird too, being beaten by the best cockerel of the year. Mr. Anderson won the Great Allentown Futurity with this bird and he held up well as early shows generally finishes up a bird.

Payne Bros., as usual, were in the running, winning 1st cock, 5th hen, 1st pullet and 3rd pen. This is their first appearance at the Garden and two blues sounds good. First cock won all specials and first pullet was a star. Payne Bros. have been furnishing winners for the Garden in the past. This year they reserved for themselves the honor of winning.

ORPINGTONS

There was plenty of excitement in the Orpington alley all week, and it will be several months before some of the Orpington breeders who exhibited in the different classes at the Garden recover their equilibrium. It took three judges to place the awards in the strong Orpington classes, Capt. De Bathe coming all the way from England to handle the Blues and Males in Whites. Carl Byers came from the west to place the ribbons on the Buffs and Blacks, while Frank Bean judged the White females and pens. The awards in the Black classes as well as those made on white males caused considerable criticism, in fact

the awards in all classes were more or less the subject of criticism among exhibitors.

Buff, fine classes, some rare old winners repeating their former triumphs, while some promising new stars were uncovered, notably second hen and first pullet exhibited by Hugh A. Rose, both good in type and size as well as grand in color. Mr. Rose's fourth cockerel was also a bird of considerable class. The first cockerel struck us as being rather too dark in color, especially in tail, but otherwise looked like a winner. Blacks, great class, type and color being of the very best, first cock, cockerel, hen and pullet shown by Foxhurst being beautiful specimens, while the second prize cockerel exhibited by Hugh A. Rose, is one of the grandest Blacks in size, shape and color we have ever seen sold for \$200. Mr. Rose's second pen also crowded the first pen very closely and could have exchanged places with the later without causing any hard feeling.

White Orpingtons very strong, although the first prize cock was hardly strong enough to stand up on his legs, but the judge remarked that he had been a great bird in his day. The second, third and fifth prize cocks were sound in color and had type and size to match. Aldrich Farm had a cracking good white hen that won the blue, the second and third also being good ones, while several big typy hens of good color were left out of the winning altogether. Cockerels

E. B. Thompson's Imperial Ringlet Barred Plymouth Rocks

This New 1913 Championship Record is the most notable of all the thrilling achievements at Madison Square Garden for which E. B. Thompson's Imperial "Ringlets" are famed. This amazing record transcends all that have gone before it and makes my unequalled record for 25 years at Madison Square Garden all the more remarkable.



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 finally won by me. Among them are the \$100 Challenge Trophy and the \$100 Association Cups.

IF YOU WANT TO WIN AND BREED WINNERS

You Must have my Imperial "Ringlets." It will be to your best interest to have my grand birds and eggs as a foundation and to improve your stock. The rich results of my more than thirty years as a Barred Rock breeder may be yours. My long experience has produced thousands of prize winners for myself and customers. I will help you to the best of my ability, rest assured of this.

Elegant breeding and exhibition Cocks, Cockerels, Hens and Pullets of the richest First Prize New York blood for sale in any number. Show birds fit to win in any competition in any show.

Richly illustrated 70-page catalogue mailed upon request, it is full of original pictures of New York winners from life.

EGGS from the finest Exhibition Matings in the World, \$10 per setting, four settings \$35, one hundred eggs \$60.

E. B. Thompson

Lock Box 330, Amenia, N. Y.

See My Other Ad. on Back Cover

contained some remarkably fine birds that failed to get placed, while second went to a bird of rather loose feather and with a Langshan back conformation. The judge claimed that he had to throw out four or five for color faking, as "they had been bleached to get away from the creamy tinge on surface." He also stated that some of the birds smelled awfully of chemicals, which exhibitors resented and told him so. The fact is type was overlooked in this class in most instances. Pullets were equally strong in quality but were more consistently judged right straight through. Pens excellent, Aldrich Farm scoring a well deserved blue ribbon with a finely mated lot of females headed by a grand male. Second pen was also a first class one.

In Rose Comb White Orpingtons, Lawrence Jackson Farm made nearly a clean sweep in all classes with a strong and well balanced lot of high class birds. Blue Orpingtons fine classes, the winning males and females being very attractive in color with good Orpington type. The few Diamond Jubilee Orpingtons exhibited had size, shape and color equal to the best.

LEGHORNS, MINORCAS AND ANCONAS

Leghorns of the finest quality were represented in all varieties, the Single Comb Browns being unusually strong in this respect and also being numerically stronger than at past shows. Grove Hill Poultry Yards' string of Brown beauties was one of the features of the class and deserved the many ribbons awarded to the individual specimens in the different classes. Another remarkable exhibit was that of Mr. Williams of California, who sent four cocks, six hens, seven cockerels, four pullets and one pen to that show and scoring wins in every class including two blues.

Rose Comb Browns were also strong classes, the quality being excellent.

Single Comb Blacks small but good classes.

Single Comb Whites were the strongest and finest lot we have seen at the Garden in several years; in fact, we doubt if a greater array of this



The Barred Rocks are not only the oldest of the American breeds, but are also the most popular. To produce specimens that can win the blue in our leading shows is an achievement worthy of much credit. H. B. Douglas, Hannibal, N. Y., is producing many high class specimens and is always a contender for the highest honors wherever he exhibits.

most popular variety was ever penned under one roof.

The old master, D. W. Young, repeated one of his former triumphs by winning 1, 2, 4, 5 and 6th on cocks, 1, 2, 5 and 6th on hens; 1, 2, 3, 6 and 7th on cockerels; 3 and 5th on pullets and 3 and 5th on pens. Skylands Farm captured first pen with a remarkably fine male and four beautiful females, also taking fourth pen; second, seventh and eighth on cock; third and eighth hen; fourth, fifth and eighth cockerel. Elgin Poultry Yards captured the blue ribbons in the hen

and pullet classes with a pair of beauties in type and color.

Buffs fine classes, the star being the pen exhibited by Monmouth Poultry Farms, which easily captured the blue ribbon. In evenness and soundness of color, correct type and fine head points the male and females in this pen are the best we have ever seen.

Black Minorcas great in quality, Yama Farms making a clean sweep in the single comb classes with a splendid team of males and females, grand in size and type and fine in color. T. A. McKittrick showed a fine string of Rose Comb Blacks, winning second and third prize on cocks and third on hens.

Anconas unusually strong classes, the quality of the winners being strictly first class, although some specimens are being shown that are too black and lacking in mottling.

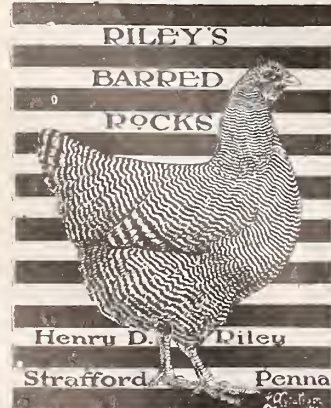
CAMPINES

That the Campine fowl is enjoying a boom the increased entries at the Garden plainly indicate, and this is especially noticeable in the English type classes, which numbered twelve cocks, twenty-five hens, thirty-two cockerels, twenty-nine pullets and nine pens, making a total of 143 Silver Campines alone, which with 43 English type Golden and 27 Silver and Golden Campines of the Belgian type, makes a handsome total of 213 specimens. Manhattan Farms made a great record in the Silver Campine classes, winning 1st and 5th on cocks; 1st, 4th and 5th on hens; 1st, 2d and 5th on cockerels; 2d and 4th on pullets and 1st and 4th on pens with a beautiful team of birds, excellent in type and fine color markings. In Golden Campines, Manhattan Farms made an equally good record. M. R. Jacobus won the blue ribbon with a fine type of the English bred Golden Campine hen. That the English type Campine will become popular with American poultry fanciers there can be no doubt of, as the hen-feathered markings of the male find greater favor in England and America, than

RILEY'S BARRED PLYMOUTH ROCKS

ANOTHER GRAND TRIUMPH AT AMERICA'S GREATEST SHOW

The Riley Trademark of Perfection



Whenever you see the "Bars" think of Riley's Rocks—Barred of course

MADISON SQUARE GARDEN

For three years in succession Riley's Barred Rocks have made history at this great show, and have proved by their winnings to be America's most consistent winning strain. My winnings this year were Sixth Cock, Fifth Hen, Third Cockerel and Fourth and Fifth Pullet.

My greatest Triumphs have been in the winnings of my customers. From one end of the country to the other it has been a succession of "Riley Strain" victories. There is a reason for this. I sell you the very best that I have got, and Riley's "Best" means the best in the world. My pens this year will be the finest that I have ever mated up, and will be headed by a wonderful collection of males who have proved their worth as sires. Send for my mating list and see how I have helped my customers to win. Ready to mail about February 15th. I have a grand lot of Cockerels, either mating, for sale at rock bottom prices. Write me.

HENRY D. RILEY,

Box C,

STRAFFORD, Chester Co., PENNSYLVANIA

the old original Belgian color markings. That more or less Hamburg blood has been used in the building up of the English Campine is admitted by some breeders, and while deplored by others, the breed keeps on gaining in popularity and in beauty.

BANTAMS AND OTHER VARIETIES

Ornamental and Game Bantams were well represented in all varieties by superior specimens, although competition in all but the Cochin Bantam classes was very light. The Buff, Black and White Cochins, however, gave the judge plenty of work to do as the quality was high and the competition keen.

Polish and Hamburgs were but small reminders of the large exhibits found at the Garden several years ago.

Houdans fared better, the classes being quite strong and the quality of the winners first class. Favorites were few in numbers, but contained some beautiful specimens of the White variety. The White Faced Black Spanish exhibited by R. A. Rowan of California were a treat to old time fanciers and a revelation to the newer generation of poultry breeders who rarely if ever see a Black Spanish fowl at our modern poultry shows. It is gratifying to all lovers of fine poultry to see this grand old breed exhibited at its very best for no finer Spanish have ever been seen at our poultry shows, past and present, than those exhibited by Mr. Rowan at the Madison Square, Garden. The wonderful development of the White-face was especially noticeable in the first prize cockerel, the length being six inches and nine inches wide from ear to ear. This cockerel was bred by Mr. Rowan in Sunny California, from his imported stock.

Cornish were excellent in quality, the size and type of the winning males and females being remarkably fine. Dartmoor Yards scoring a well deserved win with a grand old cock, one of the best we have seen or handled in years.

Exhibition Game very small classes, but Pit Games were plentiful. So was the kicking of exhibitors over the awards.

TURKEYS, DUCKS AND GEESE

Bronze Turkeys, exceedingly fine classes, Bird Bros. making a clean sweep of the blues in the four classes with specimens which in size and brilliancy of plumage could not be excelled. Excepting Indian Runners the duck classes were not as well filled as they should have been at such a great show as the Garden. Mrs. Andrew Brooks won the blue ribbon in the English Penciled Runner Young Drake and young duck classes, C. S. Valentine, capturing first in old duck class of the same variety.

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NOTES ON THE SHOW

By Geo. W. Tracey

The Lawrence Jackson Farm made a fine exhibit of Rose Comb White Orpingtons, winning 1, 3 cock; 2, 3 hen; 1, 4 cockerel; 1, 3 pullet and 2, 3 pen and best display. The Rose Comb White Orpington classes at the Garden this year were away in ad-

OWEN FARMS

THIS YEAR'S WINNINGS

Owen Farms has just completed the greatest winning season it has ever experienced in its history. It has shown a large string of birds in all its varieties at Augusta, Atlanta, (Georgia), Nashville, Memphis, Chicago and New York. We have won between FOUR and FIVE HUNDRED RIBBONS at these shows in the hottest classes and the strongest competition ever met by any one. These winnings have been made by practically different birds in each and every show, so that today never did Owen Farms, or any farm for that matter, possess so many winning birds at one time as we have here now. The result is we have a large number of proven birds for sale. We also have brothers and sisters of these winning birds in large numbers for sale to improve the stock of any breeder in the country. For foundation stock I am positive that we can start you right and give you success from the very beginning.

Our prices on stock are always low when quality of birds is considered, and you can, if you wish, get from Owen Farms a little better quality for a little less money than you can from any other farm in the United States. One act on your part more than another that will help you in starting right is to give us an accurate idea of what you wish. So often we receive a letter asking us what we have in a certain variety and the prices. Every one knows that the prices on thoroughbred poultry and foundation stock vary according to quality. If you would give us an idea of what quality you want and the price you want to pay, we can then describe and give you accurate statements and a proposition concerning just what you are wanting that we are sure you would approve. Nothing allows us to get so thoroughly in sympathy and touch with you as a buyer as a frank statement on your part of what you want.

EGGS FOR HATCHING

We have said in our January advertising that this is going to be a great year for Owen Farms' customers. This is particularly true of all of its customers buying eggs for hatching. We have more winners in our pens, far better quality in the individual birds and better mated than in any previous season, and that we shall in every case give astonishing results and winning birds as the result of our eggs this year we are far more confident than ever before.

Our mating list contains 75 pages. It is a book well worth having in your possession. Our catalogue and mating list of the previous year has 131 pages. Both of these are yours for the asking.

Send for our Catalogue, 131 pages, and our 1913 Mating List, 75 pages.

A POSTAL BRINGS THEM.

EGG PRICES

Our prices this year are somewhat different than last. We have eggs at \$5.00 per sitting, \$30.00 per 100, from grand birds mated to produce excellent results. We have wonderful mated pens at \$1.00 per egg. Some special pens from which you can secure a whole sitting at \$1.50 per egg, and some pens, these being very limited in number and also limited in number of eggs to be sold from them, at \$3.00 per egg. Our mating list tells all about it.

FOUNDATION STOCK

We have said many times during the year that we have raised more and better birds than ever before, and this time finds us with a magnificent large lot of the very best birds we ever bred and raised. We can do wonderful things for you in improving your stock or in founding a new flock. You owe it to yourself to write and inquire about it, telling us your needs and wishes and letting us make you a proposition concerning it. We confidently say that we are THE AUTHORITY on the breeds we offer for sale. We have done larger and better winning in them than any one else. We have judges of these varieties that cannot be excelled in the United States, and when we tell you anything about a particular variety you can rely upon its being as good information and as honest in statement as anybody in the world can make.

Again we repeat, we are THE AUTHORITY on

WHITE ORPINGTONS

BUFF ORPINGTONS

BLACK ORPINGTONS

WHITE PLYMOUTH ROCKS

WHITE WYANDOTTES

SINGLE COMB RHODE ISLAND REDS

BARRED ROCKS

We would respectfully inform our many friends and customers and the public generally that we have sold our entire Barred Rock flock, all of our birds without reserve, together with our good will, to W. W. Henderson, Bridgeton, Missouri. We heartily recommend all of our friends to inquire of him for Barred Rocks.

ROSE COMB RHODE ISLAND REDS

We would respectfully inform our many friends and customers and the public generally that we have sold our entire flock of Rose Comb Reds, all of our birds without reserve, together with our good will, to the Buschmann-Pierce Red Farms, Carmel, Indiana, and we heartily recommend all of our friends to inquire directly of them for Rose Comb Reds.

OWEN FARMS,

W. BARRY OWEN, Proprietor.

115 WILLIAM STREET,
VINEYARD HAVEN, MASS.

MAURICE F. DELANO, Manager.



Beetle, a noted Black Orpington hen, bred and owned by Foxhurst Farm, Lime Rock, Conn. As will be noted this hen won first at the Madison Square Garden Show in 1908-1909, at which time she was considered the peer of all Black Orpington hens and Foxhurst Farms were looked upon as leaders in this variety, a position that they still appear entitled to if their recent achievement at Madison Square Garden is an indication. To win all five firsts in a class is a feat not often accomplished and speaks volumes for Foxhurst Black Orpingtons

vance of any exhibit of this variety that has come under my observation and they made a fine showing and the winners were of the most approved Orpington type. This variety is a most useful and handsome breed being especially great winter layers, and we predict a steady gain for them in popularity.

Herman Grannis of Grannis Bros., LaGrangeville, N. Y., owners and operators of one of the largest and most up-to-date poultry farms in the country, was present during the show. The Grannis Bros. breed Orpingtons, Black, White and Buff, S. C.; S. C. Rhode Island Reds and White Wyandottes and make a specialty of furnishing day old chicks in all their varieties.

Lloyd M. Hallenbeck, Greendale, Col. Co., N. Y., was there with his Buff Brahmas of which he is the originator, winning several blue ribbons. Mr. Hallenbeck is one of our most representative breeders and a splendid all around judge, having few superiors. Those who wish something new would do well to try the Buff Brahma.

Bird Bros., Myersdale, Pa., along with making practically a clean sweep in the Partridge Rock classes, with an exhibit that surpassed anything that has yet appeared at the Garden, made a great win with their Mammoth Bronze Turkeys, winning 1, 3, 5 cock; 1, 2, 4 hen; 1, 2, 5 cockerel; 1, 2, 3, 5 pullet, special for best display, The Bronze Trukey exhibit was up to the best of previous years, the indi-

vidual star being first prize tom who was also first at Hagerstown. This great bird is claimed by experts to be the most magnificent Turkey of any variety ever bred or shown. The Bird Bros. are hustling breeders and their Partridge Plymouth Rocks and Mammoth Bronze Turkeys are famed the world over.

The Buckeye Incubator Exhibit in charge of Mr. Fisher of 27 Barclay St., New York City, attracted many. I have known of some wonderful hatches by the Buckeye, one instance in particular where a party hatched 49 chicks from 49 fertile eggs in a 50-egg size machine. I know of many who swear by the Buckeye.

Chas. W. Partridge, the S. C. Leghorn specialist of White Plains, N. Y., was an interested visitor at the Garden show. Mr. Partridge made a beautiful win at the big Yonkers Show, and he gives me to understand that he has his breeding pens already mated up for the egg trade. Mr. Partridge has a splendid poultry farm in the suburbs of White Plains and I would call it a model of its kind. Look up Mr. Partridge's ad. in this issue.

Cornelius A. Kievit, the noted White Wyandotte breeder of Paterson, N. J., was present at the show and reported as having made a big win at the Big Paterson show. I do not recall his winnings other than best display in strong competition. Mr. Kievit is a breeder that has furnished winners for big shows and I cordially recommend him to our readers.

Stump & Walter, 50 Barclay St., New York City, were displaying a fine line of the celebrated Prairie State Incubators and Brooders and Colony Houses. The Prairie State Incubator is the standard with many of our most successful poultry and duck raisers, among whom it's a maxim that the Prairie State will not hatch a chick that will not live.

J. Reepmeyer, Jr., of Craig, Schenectady Co., N. Y., was among the winners with his Silver Wyandottes. He had a great hen, probably the best bird in the class, but she threw out a slight stub which of course put her out of the ribbons, but Judge Davy said she was one of the best he ever

GRANNIS Bros.

Breeding and Exhibition

Stock

Baby Chicks and Eggs



Buff and White Orpingtons
White Wyandottes

S. C. and R. C. Rhode Island Reds

White Leghorns

Buff Leghorns

Indian Runner Ducks

At eight shows—Rochester N. Y., Poughkeepsie, N. Y., Brockton, Mass., Augusta, Ga., Yonkers, N. Y., we won

260 Prizes

For the breeding season of 1913 we have mated up 75 pens of grand quality, and in addition colony pens aggregating nearly 1000 splendid breeders. Over 2500 birds were available for selection, a number amply sufficient to insure a very high average of quality.

At LaGrangeville, N. Y., we have our 160 acre Farm which is admirably adapted for a great poultry producing plant. At Bryn Mawr Park, Yonkers, N. Y., is our Metropolitan Branch Plant where we will have several of our choicest breeding pens of each variety; and shall also have on hand and for sale stock of the finest quality. Bryn Mawr Park station is only 10 miles from New York City.

All our stock has been raised on free range, which in our case means fields, woods and orchards.

Special Prices on Fine Breeding Stock

Cocks, \$5.00 and up; Hens, \$3.50 and up; Cockerels, \$5.00 and up; Pullets, \$3.50 and up.

Prices on exhibition stock quoted on request. The chick crop of 1912 was much below the average, consequently the demand for baby chicks, eggs and stock is sure to be unusually large the coming season. We therefore recommend early placing of orders. By ordering now and making a small deposit customers may insure for themselves shipment on date selected by them.

All our Baby Chicks are hatched in Mammoth Hot-Water Incubators and are equal in every respect to hen hatched chicks.

Mating list, with prices of eggs, baby chicks and stock, now ready. Send for a copy.

GRANNIS BROS.

Route 14, Bryn Mawr Park, YONKERS, N. Y.

HERMAN W. GRANNIS, General Manager.

handled. Mr. Reepmeyer won places in the cock, hen and pullet classes.

William Reepmeyer, Cohoes, N. Y., won places in the hen and pullet classes of the S. C. Brown Leghorns, winning first hen in a class of 30 crackerjacks, the like of which was never before seen in the Garden, considering competition. Mr. Reepmeyer is to be congratulated upon winning a blue ribbon this year at Madison Square Garden.

The Newtown Giant Mammoth Incubator was there in all its magnificence. Mr. Watson, with Howard Davis of Fireless Brooder and trapnest fame, ably assisted by Mr. Oliver, the well known breeder of fancy poultry, were kept busy explaining the many good features of this great substitute for the Mother Hen. Mr. Watson reported making a number of sales to parties on the continent, whose representatives selected the Newtown as the embodiment of perfection in incubation. Look up their ad. and send for their great free poultry book.

The Candee Mammoth Incubator with Brooder attached seemed to be making a hit, judging from the number of interested poultry people that were constantly around it. President Schleight, Manager Stickles and Professor Stephenson were able to give arguments so convincing that many orders were received for machines to be delivered and put up in time for the winter hatching.

W. M. Whiting was on hand with his "Roupenes" curing what birds that were taken with colds. There is no possible doubt but what Roupenes cures roup, when used according to directions, and it is the greatest boom to the poultry industry of the age.

The Hall Mammoth in charge of Frank Sweeney was a feature as every one understands that it was the pioneer, and the introduction paved the way for the successful construction of a large day old chick business. Look up their ad. and send for their great poultry book. It's sent free.

Cyphers Incubator Co., of Buffalo, N. Y., had a splendid display of their Incubators, Brooders and supplies, in charge of Mr. French of the New York office and a corps of assistants. The Cyphers Incubator has no superior as a hatcher. Many of our leading breeders and exhibitors annually hatch their blue ribbon winners in a Cyphers Incubator. Brood them in a Cyphers Brooder and raise them on Cyphers feeds.

John W. Pruy of Yonkers, N. Y., was a new exhibitor in the Silver Wyandotte classes, making good winning—4th cock; 2nd hen; 5th cockerel and 2nd pen. Mr. Pruy is a progressive breeder and we look forward to his ranking with the best Silver Wyandotte breeders. He made a big win at Yonkers, viz., 1, 4 cock; 1, 2 hen; 1, 2 cockerel; 1, 3 pullet; 1 pen; special for best color male and female and cup for best display. Mr. Pruy has a few choice breeders for sale, also eggs from his best pens.

Jacob Dam, Prop. of Gray Oaks, Yonkers, N. Y., and breeder of White Wyandottes and White Rocks, had a nice exhibit and won a place on a

very fine pen of White Rocks. Mr. Dam shows quality birds and is one of our very best New York State breeders. At the big Yonkers show he won 19 firsts and 13 seconds, including Mayor's Cup for best pen in show. Mr. Dam is one of Yonkers representative citizens.

August D. Arnold of Dillsburgh, Pa., attended the show. Mr. Arnold informed us that he has still a number of his stay White Orpington females and males to spare at very low prices. Mr. Arnold has taken up the Silver Campines and the coming season he is going to have close to 200 fine females in his breeding pens from which to supply eggs for hatching. The Campines are here to stay and with such men as Geo. Noeth, K. M. Turner, J. F. N. Kennedy, M. R. Jacobus and Mr. Arnold back of them they will still further advance, and with a standard prescribing a bird of the lines of a Leghorn, they will become one of the most popular breeds.

The most sensational win of the whole show was that made by Foxhurst Farm, Lime Rock, Conn., in the Single Comb Black Orpington classes. These classes as a whole were the strongest ever cooped in the Garden and the nice thing about the win was that everybody seemed satisfied with

the judging. We were out and in the aisles all during the week and we did not hear one kick against the work of Judge Byers, and it is certainly a feather in his cap to make such a hit in such important classes as the Buff and Black Orpingtons at Madison Square Garden. A feature of the Foxhurst Farm winners is that they are strictly American bred, every bird in their exhibit having been bred and raised on Foxhurst Farm. Some are inclined to believe that a winning Orpington cockerel or pullet must be imported from England and January

Champions That Have Proven Themselves Champions
Hilldorfer's Champion Jumbo Black Minorcas

THE HILLDORFER BLACK MINORCA FARM,
G. E. Norman, Mgr., SAXONBURG, Bntler Co., PA.
Complete Catalogue on request. Please mention this Journal

S. C. WHITE LEGHORNS

Majestic Strain (Young's via E. G. Wyckoff's)
Winners at the New York State Fair,
1908-'09-'10-'11.

EZRA C. CARTER, MARATHON, N. Y.

ARMER'S BUFF ROCKS

won three firsts, three seconds and also best display at the great New York State Fair, which was held in September. Birds for sale.

FRED ARMER, BALLSTON SPA, N. Y.

My First Prize Cockerel Won Allentown Futurity
Rose Comb Rhode Island Reds are our specialty.
Fine young birds for sale.

Address
LOUIS ANDERSON, BLOOMSBURG, N. J.

BUFF WYANDOTTES

Stock For Sale.

HENRY R. INGALLS,

Box 33,

GREENVILLE, N. Y.

Summer Sale of Blink Bonnie S. C. White and S. C. Buff Leghorns

Note the prices. A fine lot of two year old breeders at 75 cents each. Choice yearling breeders at 1.00 each. Also a few cockerels at \$3.00 each. Order direct from this "Ad". First come first served.

Scotch Collies for Sale.

BLINK BONNIE POULTRY YARDS,

Box W,

BATH, PA.

EVERETT'S SINGLE COMB REDS

"Color Strain" Champions of Central New York. Have some fine cockerels bred from same pen that produced our State Fair winners for sale—are show birds. Address

C. W. EVERETT,

WAVERLY, N. Y.

White Wyandottes

Exhibition and Utility Stock for sale, all farm raised under ideal conditions. Eggs for hatching from 10 pens of grand stay White Birds. The male heading each pen has won in hot competition.

Ernest H. Beardmon,

Seymour, Conn.

"PERFECTION" STRAIN S. C. BROWN LEGHORNS EXCLUSIVELY

At New York State Fair:—1st, 2nd, 5th hens, three entered, class of 11.

1st and 3rd cock birds, two entered class of 10.

1st pullet, one entered, class of 11.

2nd cockerel, class of 10.

1st pen old, 1st pen young, 1 pen each entered, class of 7 & 5 pens.

Best display, also best display at Trcy, N. Y., Sept. 5th. Some exceptionally fine cockerels for sale.

Will furnish guaranteed winners. Write me stating your needs.

WM. REEPMAYER,

P. O. Box 60,

COHOES, N. Y.

QUALITY WHITE ROCKS

Win at Grand Central Palace, New York, Dec. 3 to 7, 1912

First and Fifth Cock, Third Hen, First, Second, and Fourth Cockerel, First and Second Pullet, First Pen. Best Display, Special for Best Pullet in the Show, any variety.

When in need of the quality kind, write

L. C. BONFOEY, Box A, VERNON, CONN.

hatched, but Foxhurst disproves this as the 1st prize cockerel and pullet were hatched in June. The winnings were 1, 3 cock; 1, 5 hen; 1, 3, 4, 5 cockerel; 1, 2, 3, 5 pullet; 1, 4 pen and all specials including best display. Such a decisive win was never before made in the Orpington classes in the Garden, and we congratulate Mr. Barnum, owner, and Superintendent Hubbard upon their unprecedented success.

Yama Farms, Napanoch, N. Y., and Newton Cosh, their capable manager, have every cause to feel proud over their first appearance at the Garden with both S. C. Black Minorcas and Barded Plymouth Rocks. On the latter they won 2nd best display, and when we consider that they won more prizes in the hen and pullet classes than any other exhibitor we may well imagine the well satisfied look that could always be seen upon the handsome countenance of Mr. Cosh. Yama Farms are particularly proud of their female line, and their display of females in the cage in center of hall represented the acme of perfection in sharp, clean, snappy barring, and was always the centre of attraction for admirers of the true modern standard bred Barded Plymouth Rock. But their S. C. Black Minorcas made a record in these classes that never has been equalled and will probably never be surpassed in the Garden. Here it is: 1, 3, 5 cock; 3rd hen; 1, 4, 5 cockerel; 1, 4, 5 pullet; 1, 2 pen and the classes were big and hot. Judge Story said the best he ever saw or handled and he knows Yama Farms are looking forward to the day when eggs will be sold by weight, then the acknowledged supremacy of Yama Farms S. C. Black Minorcas will be more than demonstrated, as their strain lays the largest eggs of any breed on earth. The victory of Yama Farms birds at Mr. Crawford's farewell Madison Square Garden show will make one of the brightest chapters of its most glorious history.

J. F. Van Alstyne was very warmly commended for his good work on the Columbian Wyandotte and Columbian Rock classes, and we understand that he has been retained for next year. Mr. Van Alstyne is young in years, but old in the fancy, having been a breeder of Silver Wyandottes since a boy. We recommend Mr. Van Alstyne as a judge and we are pleased to note the good work that he has done, having given universal satisfaction wherever he has judged.

Edgar Briggs of Pleasant Valley was at the show. Mr. Briggs announces the purchase of a tract of land immediately adjoining his own and he will greatly enlarge his breeding operations. His Single Comb

White Leghorns in his noted fresh air type of poultry house is one of the greatest laying strains of poultry in the world. We look upon Mr. Briggs as one of America's leading poultrymen.

T. A. McKittrick of Hudson, Col. Co., N. Y., after the smoke of battle cleared away in the Rose Comb Black

Minorca alley, came over and said, "I am satisfied with my winnings, and I can still advertise that I have won more blue ribbons than any other exhibitor at Madison Square Garden." Mr. McKittrick has the goods in Rose Comb Black Minorcas and is one of the best men in America to deal with.

Brubaker's S. C. W. Leghorns 1st pen, Philadelphia, December, 1912, also special for best shaped male and best headed male. At the New Jersey State Show, Camden, December, 1912, 1st and 5th cock, 1st hen, 1st and 3rd cockerel, 1st and 4th pullet and 1st pen. Cockerels and Pullets for sale from \$2.50 up.

E. E. BRUBAKER,

and special on only 3 entries in a hot class **GET OUT OF THE RUT** Try some of our pedigree stock out of **200 Egg per year Hens.** Fine Cockerels, Cocks and Females. Book your order for Eggs and Baby Chicks now. 200 Egg Chicks \$20.00 per 100. Eggs half as much. Get Vermont stock of this breeding and be at the head. Write wants for booklet.

SUNNYSIDE POULTRY FARM,

BIRD IN HAND, PA.

BRISTOL, VERMONT

SCHULTZ'S BUFF WYANDOTTES

My winnings at Hagerstown, Cleveland, Williamsport, and Toledo places my birds in a class with the best in the country. At the recent Cleveland Fanciers Club Show in competition with the best in the country my birds won 1 cockerel; 1 pullet; 2, 5 cock; 2 hen. A limited amount of stock for sale. Eggs for hatching. Write for circular.

W. FLOYD SCHULTZ,

Box 20,

RAVENNA, OHIO

Birds Like This Produce

Newtown

White Leghorn Chicks

And Eggs For Hatching

The Newtown Strain of White Leghorns is of the prize-winning kind—high class, line bred and famed for its egg-laying qualities.

Baby chicks hatched from eggs of such birds must be heavy, livable and profitable. The blood does tell.

Hundreds of buyers come back every year for more Newtown Chicks, because they please and prove profitable to them.

Newtown Chicks are safely shipped 2000 miles in large, roomy wooden boxes and arrive lively and healthy. That's sufficient proof of their inherent strength and vitality.

If you want select chicks or fertile eggs from a stock of assured quality, order Newtown Chicks or Newtown Eggs.

Send now for price list and Poultry Catalog.

NEWTOWN PRODUCING CO., Newtown, Pa.



SINGLE COMB WHITE ORPINGTONS

In purchasing stock or eggs the first question one will ask is, what are your Blood Lines. Through careful mating we have attained a strain of S. C. White Orpingtons that are fine Pure Bred Birds and Heavy Winter Layers, they have no superior. Our exhibition Pens are headed by some of the finest male birds in the world. True in color and type, and birds that are sure to produce high class stock. We can furnish you with eggs from our best exhibition pens at better prices than any other breeder in the world to-day. Write for mating list and prices that will satisfy. We absolutely guarantee satisfaction. Remember March is the month to hatch your early winter layers. We have only a limited number of eggs from our best exhibition pens. Make us prove our assertion. Write today and be convinced.

J. E. CARROLL,

Box B,

CLEVELAND, OHIO

The classes in which twenty-five or more specimens were exhibited are shown in the following table:

	Single Entries	No. Birds in Pens
Black Langshans.....	40	25
Barred Plymouth Rocks.....	131	60
White Plymouth Rocks.....	100	55
Buff Plymouth Rocks.....	78	40
Silver Penciled Plym. Rocks....	14	15
Partridge Plymouth Rocks.....	33	10
Columbian Plymouth Rocks....	33	20
Silver Wyandottes.....	51	25
White Wyandottes.....	171	90
Partridge Wyandottes.....	22	15
Black Wyandottes.....	26	..
Buff Wyandottes.....	42	..
Silver Penciled Wyandottes....	29	10
Columbian Wyandottes.....	49	5
Anconas.....	66	30
R. C. Anconas.....	16	15
S. C. Rhode Island Reds.....	100	50
R. C. Rhode Island Reds.....	59	35
R. C. Buff Orpingtons.....	21	25
S. C. Buff Orpingtons.....	74	50
S. C. Black Orpingtons.....	81	40
S. C. White Orpingtons.....	124	60
R. C. White Orpingtons.....	31	15
Blue Orpingtons.....	33	10
Single Comb Brown Leghorns..	91	45
Rose Comb Brown Leghorns....	40	5
Single Comb Black Leghorns..	15	10
Single Comb White Leghorns..	81	35
Rose Comb White Leghorns....	16	10
Single Comb Buff Leghorns....	64	40
Rose Comb Buff Leghorns....	22	5
Silver Campines(English Type)	86	45
Golden Campines.....	33	15
Black Minorcas.....	54	20
Rose Comb Black Minorcas....	46	25
Blue Andalusians.....	31	10
Black Spanish.....	27	..
Houdans.....	41	25
Cornish Fowl.....	25	10
Black Red Pit Games.....	39	..
Any Other Color Pit Game....	25	5
Pekin Ducks.....	20	15
Indian Runner Ducks.....	49	20
English Penciled Runner Ducks	23	10
Bronze Turkeys.....	28	..
Buff Cochon Bantams.....	42	15
Black Cochon Bantams.....	34	5
Silkie.....	19	15
Old English Game Bantams....	23	5

The varieties having a representation of less than twenty-five specimens are shown in the following paragraph:

Light Brahmans, 20; Dark Brahmans, 11; Buff Cochins, 23; Partridge Cochins, 14; Golden Wyandottes, 18; Barred Cuckoo Wyandottes, 16; White Dorkings, 4; Silver Grey Dorkings, 11; Colored Dorkings, 3; R. C. Black Orpingtons, 13; Diamond Jubilee Orpingtons, 17; Any Other Variety Orpingtons, 7; Single Comb Duckwing Leghorns, 11; Silver Campines (Belgian Type), 21; Golden Campines (Belgian Type), 16; White Minorcas, 23; Rose Comb White Minorcas, 14; Sussex Fowl, 18; White Crested Black Polish, 14; Bearded Golden Polish, 2; Buff Laced Polish, 9; Silver Spangled Hamburg, 23; Favorolle White, 6; Favorolle (Any Other Color), 9; Lakenvelders, 16; Exhibition Game, 14; Brown Red Pit Game, 14; Grey Duckwing Pit Game, 8; Round Head (Any Color), 12; Any Other Variety Poultry, 20; Guinea Pair, 1; Rouen Ducks, 7; White Crested Ducks, 2; Muscovy Ducks, 8; Mallard Ducks, 9; East Indian Ducks, 2; Alesbury Ducks, 2; Blue Swedish Ducks, 6; Buff Orpington Ducks, 11; White Turkeys, 12; Buff Turkeys, 4; Slate Turkeys, 2; Bourbon Red Turkeys, 5; Toulouse Geese, 9; Embden Geese, 5; Black Breasted Red Game Bantams, 20; Brown Red Game Bantams, 9; Golden Duckwing Game Bantams, 9; Silver Duckwing Game Bantams, 9; Red Pyle Game Bantams, 8; Birchen Game Bantams, 7; White Game Bantams, 4; Golden Seabright Bantams, 12; Silver Seabright Bantams, 7; Rose Comb Black Bantams, 15; Rose Comb White Bantams, 4; White Cochon Bantams, 23; Partridge Cochon Bantams, 7; Light Brahma Bantams, 11; Dark Brahma Bantams, 7; White Japanese Bantams, 2; Black Japanese Bantams, 7; Black Tailed Japanese Bantams, 14; Japanese Bantams (Any Other Variety), 5; Bar-

red Plymouth Rock Bantams, 4; Polish Bantams (Any Variety), 6.

WINNINGS OF AMERICAN POULTRY WORLD ADVERTISERS

BLACK LANGSHANS—Edwin G. Reynolds, 4 cock. Paul Pomeroy Ives, 1 cock; 1 hen; 3 cockerel; 2 pullet; 2 pen. Top Notch Farms, 2 cockerel. Elm Poultry Yards, 4 pullet; 5 pen.

BARRED PLYMOUTH ROCKS—E. B. Thompson, 2, 3, 4, 5 cock; 3, 4 hen; 1, 2, 6, 8 cockerel; 1, 6 pullet. Yama Farms, 7 cock; 2, 6, 7 hen; 5 cockerel; 3, 8 pullet. Henry D. Riley, 6 cock; 5 hen; 3 cockerel; 4, 5 pullet. A. C. Hawkins, 4, 7 cockerel.

WHITE PLYMOUTH ROCKS—C. F. Webster, 5 cock. L. C. Bonfoey, 2 cock; 2, 5, 6 cockerel; 1 pullet. Owen Farms, 1, 4 cock; 2, 5 hen; 2, 3, 6 pullet; 1, 2, 3 pen. The International Poultry Sales Co., 3, 4 cockerel; 4, 5 pullet. Jacob Dam, 6 pen.

BUFF PLYMOUTH ROCKS—Linfield Poultry Farm, 1, 4 cock; 1, 2, 5 hen; 3, 5 cockerel; 1, 2 pullet; 1 pen. Fred Armer, 2 cock; 3 hen; 4 cockerel; 5 pullet. E. H. Lichtenwaller, 2 pen.

PARTRIDGE PLYMOUTH ROCKS—Bird Bros., 1, 2, 3, 4 cock; 1, 2, 3 hen; 1, 2, 3, 4, 5 cockerel; 1, 2, 4, 5 pullet; 1 pen.

COLUMBIAN PLYMOUTH ROCKS—Lew H. Bown, 1 hen; 2, 4 cockerel; 5 pullet.

SILVER WYANDOTTES—Leroy W. Seigfried, 1 cock; 1 hen; 1 cockerel; 1 pullet; 3 pen. J. Reepmeyer, Jr., 6 cock; 3 hen; 4 pullet. J. Frank Van Alstyne, 3 pullet.

WHITE WYANDOTTES—Arthur G. Duston, 6 cock; 5 hen; 3, 4 pen. Onlya Farm, 4 hen; 2 pullet.

BUFF WYANDOTTES—Dr. N. W. Sanborn, 4, 5 cock; 4 pullet. T. S. Hewke, 2, 3 cock; 1, 3, 4 hen; 1, 2, 3, 4, 5 cockerel; 1, 2, 3, 5 pullet. Stuart A. Howland, 1 cock; 2, 5 hen.

PARTRIDGE WYANDOTTES—Sheffield Farm, 1, 3, 4 cock; 1, 2, 3 hen; 2, 5 cockerel; 1, 3, 5 pullet; 1, 2 pen. Chas. McEwan, 2 cock; 5 hen; 3 cockerel; 4 pullet; 3 pen.

COLUMBIAN WYANDOTTES—Sunnybrook Farm, 1 hen; 3 cockerel; 1 pullet.

S. C. RHODE ISLAND REDS—H. F. Deming, 4 cock; 3 pen. Old Acres, 3 hen; 1, 5 cockerel; 1, 2 pen. Lester Tompkins, 1 hen; 2 pullet; 5 pen. F. E. Woodward, 5 hen. A. S. Bailey, 3, 4 cockerel. Maplecroft Farms, 1 pullet. Schenly Heights Poultry Yards, 3 pullet.

R. C. RHODE ISLAND REDS—Payne Bros., 1 cock; 5 hen; 1 pullet; 3 pen. Red Feather Farm, 2 cock; 4 hen; 1, 3 cockerel; 4 pullet; 1 pen. Lester Tompkins, 3, 4 cock; 1 hen; 4, 5 cockerel; 2, 3 pullet; 4 pen. Annesley M. Anderson, 5 cock; 2, 3 hen; 2 pen. Louis Anderson, 2 cockerel.

SILVER GREY DORKINGS—Skylands Farm, 1 cock; 1, 2 hen.

SINGLE COMB BUFF ORPINGTONS—Hugh A. Rose, 2 hen; 4 cockerel; 1 pullet; 4 pen. William Cook & Sons, 1 cockerel. H. E. Challis, 3 pullet; 5 pen.

S. C. BLACK ORPINGTONS—Hugh A. Rose, 2 cock; 4 hen; 2 cockerel; 4 pullet; 2 pen. Foxhurst Farm, 1, 3

cock; 1 hen; 1, 3, 4, 5 cockerel; 1, 2, 3, 5 pullet; 1, 4 pen.

SINGLE COMB WHITE ORPINGTONS—Aldrich Poultry Farm, 3, 5 cock; 1 hen; 3 pullet; 1, 5 pen. Hugh A. Rose, 2 cock. C. L. Pensyl, 4 hen. William Moore, 2 hen. William Cook & Sons, 4 cockerel. A. C. Hawkins, 2 pen.

R. C. WHITE ORPINGTONS—Lawrence Jackson Farm, 1, 3 cock; 2, 3 hen; 1, 4 cockerel; 1, 3 pullet; 2, 3 pen.

DIAMOND JUBILEE ORPINGTONS—Mrs. Henry B. Prescott, 1 hen.

S. C. BROWN LEGHORNS—Grove Hill Poultry Yards, 4 cock; 2, 3, 5 cockerel; 1 pullet; 1 pen.

R. C. BROWN LEGHORNS—W. W. Kulp, 5 cock; 2 hen.

S. C. WHITE LEGHORNS—Skylands Farm, 2, 7, 8 cock; 3, 8 hen; 4, 5, 8 cockerel; 2, 4, 6, 7 pullet; 1, 4 pen. D. W. Young, 1, 3, 4, 5, 6 cock; 2, 4, 5, 6, 7 hen; 1, 2, 6, 7 cockerel; 3, 5 pen. Elm Poultry Yards, 1 hen; 1, 8 pullet; 1 pen.

SILVER CAMPINES—(English Type)—M. R. Jacobus, 2, 3 cock; 2, 3 hen; 3 pullet. Ridge Egg Farm, 4 cock; 3 pen. Manhattan Farms, 1, 5 cock; 1, 4, 5 hen; 1, 2 cockerel; 2, 4 pullet; 1, 4 pen.

WHITE WYANDOTTES EXCLUSIVELY

I have a few breeders for sale. Eggs for hatching, \$2 per sitting. Circular. Mrs. Edith M. Handy, R. R. 1, Winchester, N. H.

Champion Black Orpingtons EGGS AND STOCK.

JAMES H. STAIR, AKRON, OHIO

Barred Rocks Neafie Bros. White Rocks
Madison Square Garden—Philadelphia—Trenton Fair
We have egg orders booked from some of the largest and oldest breeders in America. Another convincing fact. Some fine stock for sale. We raise all our winners.
Neafie Bros., Drawer N-1, Spring Lake Beach, N. J.

ROSE COMB BLACK MINORCAS

Produce Results — Ask Arthur M. Moody, Box W, Newburyport, Mass.

Don't Feed Green Food

Do away with all the bother, the time and labor of feeding your chickens green sprouted oats, cabbage, beets, roots and all other green food.

Succulent Tablets

Save One-Half the Cost
Greatest discovery ever made in the poultry industry. Simply dissolve a tablet in drinking water and forget about green foods. Fowls drink it with relish. We guarantee satisfactory results or refund money.
By Parcels Post Only 250 large tablets 1.00
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Remit by money order, cash or check; no stamps accepted. Try them at once, and solve the green food problem forever.
THE SUCCULENTA CO., Box 405D Newark, N. J

WILLETS' QUALITY S. C. REDS

Again made a big winning at New York State Fair. At the biggest and best Red show ever held at Syracuse. Choice quality exhibition birds now ready for shipment. All stock farm range raised. Send to the "Quality" man.

W. M. WILLETS, SHERBURNE, N. Y.

COLUMBIAN PLYMOUTH ROCKS

"WORLD'S BEST STRAIN"

Have won more blue ribbons at leading shows than all competitors combined. Think of it, 83 first prizes out of a possible 85 in 1911, 62 first prizes out of a possible 63 in 1912-13. This proves their quality. Stock and Eggs for Sale. Mating List Free.

FRANK G. BEAN, Box W, COLLEGEVILLE, PA.

NIXON'S WHITE WYANDOTTES

make the best win at Club meet at Albany, N. Y., namely—**First pen young** also third pen old. First and sixth hen, shape and color specials and etc. Over 300 birds shown, new literature, Feb.

CHAS. NIXON, JUDGE AND BREEDER, Box 500, WASHINGTON, N. J.

GOLDEN CAMPINES—(English Type)
 —Manhattan Farms, 1 cock; 2, 5 hen; 1, 2, 4 cockerel; 1, 2, 3, 4 pullet; 1, 3 pen. M. R. Jacobus, 1, 3, 4 hen; 5 cockerel; 5 pullet; 2 pen.
BLACK MINORCAS—Yama Fams, 1, 3, 5 cock; 3 hen; 1, 4, 5 cockerel; 1, 4, 5 pullet; 1, 4 pen.
R. C. BLACK MINORCAS—T. A. McKittrick, 2, 3 cock; 3 hen; 3, 5 pen. G. A. Clark, 1 cock; 5 hen; 5 pullet; 2 pen.
BLACK SPANISH—R. A. Rowen, 1, 2, 3 cock; 1, 2, 3, 4, 5 hen; 1, 2, 3, 4 cockerel; 1, 2, 3, 4, 5 pullet.
WHITE CRESTED BLACK POLISH—Carpenter & Carpenter, 2 cock; 2 hen.
INDIAN GAME—Dartmoor Yards, 1 cock; 3 hen.
GUINEAS, PAIR—Elm Poultry Yards, 1st.
INDIAN RUNNER ENGLISH PENCIL-ED DUCKS—C. S. Valentine, 1 duck. Mrs. Andrew Brooks, 1 young drake; 2 young duck; 1 pen.
BRONZE TURKEYS—Bird Bros., 1, 3, 5 cock; 1, 2, 4 hen; 1, 2, 3 cockerel; 1, 2, 3, 5 pullet.
WHITE COCHIN BANTAMS—Edwin G. Reynolds, 1, 3, 4 cock; 3, 4, 5 hen; 2 cockerel; 2, 3 pullet; 1 pen.
BLACK COCHIN BANTAMS—Edwin G. Reynolds, 2 cock; 4 hen; 5 cockerel; 5 pullet.

PROBLEMS IN BABY CHICK PRODUCTION

New Methods in Breeding, Feeding and Housing that have been Rendered Necessary by Recent Advances

The tremendous growth of the baby chick industry has necessarily brought about many changes and improvements in the methods employed on the plants where the baby chick has come to be a vital factor in the total sales. Special operations have been devised and radical alterations made in those formerly in vogue. A rapid survey of some of the most important of those will be of interest to every poultry keeper.

The Michigan Poultry Farm, located at Lansing, Michigan, has an incubat-



ing capacity of 60,000 eggs at a time, and hence may be classed as one of the foremost day old chick plants. Its output runs into the hundreds of thousands, yet for years it has been two-thirds sold months before the chicks were hatched. Knowing so nearly its demand, the Farm has been able to work out a definite line of operations that assure greatest certainty of hatching, and healthiest chicks. It is a fact that for years old customers have booked orders for nearly every chick hatched, months ahead.

All buildings at Michigan Poultry Farm are of the fresh air type, among them several Tolman houses. The new open front laying house is one of the most modern in equipment in the country. It is built on the plan advocated by Gowell, of Maine, and in it each bird has the run of 2,500 square feet of floor space, instead of the 250 feet usually given the average flock.

This new house accommodates 750 layers and breeders, with the greatest abundance of air, water, fresh feed and exercise. There is a specially built bed of clean white sand that has proved a most profitable addition. Adjoining, are feed rooms and quarters for the attendants. Beneath, are found engine room and workshop. In the former is a 4½ h. p. Olds engine, that supplies power for the various apparatus on the farm and also pumps water through the modern installation, recently installed. In the cellar are also sprouting rooms, for making the winter feeds of sprouted grains.

The largest incubator cellar is 48 by 122 feet. In it are four 15,000 egg Hall

Mammoth Incubators, making a possible capacity of 60,000 eggs.

Over the incubator cellar is the nursery brooder house, to keep chicks until they go to the range or the colony houses. This brooder is 48 by 122 feet and is equipped with a hot water system, invented by Joseph Tolman.

The Superintendent of the Michigan Farm is a graduate of the Cornell Poultry College, and is a man of wide experience and ability in his line. Professor Rice's Cornell Balanced Ration is used for the birds on the farm, a feed that is perhaps the best ever invented for the White Leghorn.

In addition to these superb mechanical equipments, the personal care and attention, the long experience and the rigid culling and selection of every bird, have resulted in the Michigan Poultry Farm eggs, chicks and breeding stock securing a reputation, just and well earned, for sturdy vitality and health. Thousands of customers testify to entire satisfaction on these scores.

The Michigan Poultry Farm will send an attractive booklet, with description and prices, on request. Address Michigan Poultry Farm, Lansing, Michigan.

James Stair, Akron, Ohio, breeder of S. C. Black Orpingtons, made a very fine win at the recent Cleveland Fanciers' Show, winning 2nd cock, 2nd pullet and 3rd cockerel. He also furnished the male in the first pen. His birds are true Orpington type, grand in color. He states every one of his winners will be in his breeding yards the coming season.

*** "The Bantam Book," buy it for the little ones. It tells all about these little favorites. Copy post paid fifty-cent ***

WANTED---A Central Custom Hatchery

to hatch eggs for famers and everyone in your section who wants chicks. Most people don't want to take the time or bother to run small machines and if they can take their eggs to a hatchery and call for their chicks, there is no limit to the business the hatchery can do. Any clean cellar and a Candee Automatic sectional incubator are all that is needed. Write for our free Custom Hatching booklet that gives full instructions how to start and run a hatchery. Address Dept. 3, Candee Incubator and Brooder Co., Eastwood, N. Y.

FAIR HAVEN POULTRY FARM PRIZE MATING WHITE ORPINGTONS

PRIZE WINNERS FARM BRED WINTER LAYERS
 We are now booking orders for stock and eggs. Order early. Write for prices and mating list. W. J. WEAVER, "White Orpington Specialist,"
 R. F. D. No. 9, Hillsboro Road, NASHVILLE, TENNESSEE

PARTRIDGE ROCKS

Breeding and Exhibition Stock for Sale. Write
 W. O. LYLE, R. F. D. No. 1, GNADENHUTTEN, OHIO

ANDERSON'S ROSE COMB R. I. REDS

Have won at Madison Square Garden whenever exhibited. I have furnished winners for Boston, Hagerstown, Cleveland, Buffalo, Chicago, St. Louis, Pittsburgh and many other big shows. I breed my winners and I can furnish you a male that will win at your show for \$5 to \$10. Elegant females \$2 to \$5. My young flock is the largest and best I ever raised. I can furnish winners for any show.
SATISFACTION GUARANTEED
 ANNESLEY M. ANDERSON, MORTON, PA

Single Comb Rhode Island Reds

Our winnings at Allentown, Pa., 1-2 pens, other prizes. 1st pen, 1st cockerel at Philadelphia, 1911, show, against the leading Northern Breeders and our big winnings at Baltimore, Md., and other leading southern shows, places the stamp of approval upon my strain. We have 200 high class quality exhibition and breeding pullets and cockerels for sale at right prices. We have the birds to help strengthen your flock. Eggs from best pens now mated for winter delivery. Address
 GEO. W. WHITE, S. C. R. I. Red Specialist, HAMILTON, MD.

The Howard Sanitary Poultry House



Contains sixty-four square feet of floor space; two stories high; scratching pen on ground in first story; second story moves front and rear on rollers, allowing access to all parts; nests on rear door; roof screens removable; smooth, removable, galvanized iron drop board; water fountain swinging outside and easily replenished; litter on top floor kept in place; roof, windows and ventilation doors adjustable to all angles; wire mesh protecting openings; perfect ventilation; plenty of light; sanitary in all respects; constructed with number one lumber and of the best workmanship. Price Thirty Dollars (\$30.00) F. O. B. Hornell, N. Y. Plans Two Dollars (2.00). Send for catalog. Mail orders promptly attended to.

Manufactured by the

Howard Manufacturing Co., Hornell N. Y.

THE BOSTON SHOW

By J. H. Drevenstedt

(Continued on page 279)

Silver Wyandottes to make up even and well balanced classes.

ORPINGTONS

The Orpington classes at Boston were unusually strong this year, the quality being exceptionally fine in the Buffs, Whites and Blacks as many of the New York and Baltimore winners were lined up before the judge. Major Hugh A. Rose, Welland, Ont., Can., had his magnificent team of Blacks in charge of Manager Conway on dress parade, and all the blue ribbons went to his birds. In Buffs, Major Rose also scored several important wins, including first hen. H. E. Challis, captured first prize on pen in a crack class of fifteen, with a grand quartette of females, headed by an equally fine male. Henry B. Prescott, also scored several well deserved wins, in the Buff classes. H. A. Rose again scored in the White classes, capturing first and third prizes on pullets and second and third on cockerels. In the any other variety Orpingtons, Mrs. Henry B. Prescott took the blue ribbon in the cock and hen classes. Blue Orpingtons good classes. This variety is a most attractive one and should become very popular with fanciers in the future.

MEDITERRANEAN CLASSES

Leghorns with the exception of the S. C. Whites, were not so strongly represented as in the past although the quality of the Brown Leghorns was first class, especially the winning cockerels in the Single Comb variety. In S. C. Whites, Dune Alpin Poultry Farm made a clean sweep in the Single Classes, capturing every first prize, but the International Poultry Sales Co. took the blue ribbon with a finely matched pen of females headed by a typical male.

Buff and Black Leghorns small but good classes.

Single Comb Black Minorca classes did not fill as well as they should have, but the Rose Combs were unusually strong in numbers and quality, the cockerel class being exceptionally well represented with twenty-four specimens.

Black Spanish attracted much attention owing to the fact that Mr. Rowan's beautiful string from California was present. These magnificent specimens of the breed easily repeated their Madison Square Garden triumph.

Anconas made an excellent showing, Urban Farms making a fine record in the cock, hen, pullet and pen classes, winning two blue and two red ribbons.

HAMBURGS AND POLISH

The Hamburg classes furnished the surprise of the show with 229 specimens, the largest entry of this beautiful breed on record in recent years. The quality was superb in all classes, and to a lover of beautiful feathers, Hamburg alley was the chosen spot for him to linger.

Polish, small but good classes, and the same applies to Houdans.

BANTAMS

Both Game and Ornamental Bantams fell off in number to an alarming extent, and it would be well for the National Bantam Association to hold a club meet at Boston next year to revive the interest in the little pets. Following are George W. Tracey's comments on Rhode Island Reds and other features of the show:



WHAT TRACEY SAW AT BOSTON

One of the greatest attractions of the show was the display cage in which Owen Farms had their cups and ribbons that they won at the Southern and Western shows this

season. Such a magnificent display of Silver and Gold cups never before appeared at a poultry show and they surely excited interest in the minds of visitors who were always thronged

OCULUM is a sure cure for sick fowls —a free trial—ad page 358.

Crown Bone Cutter
 Hens fed cut green bone lay more eggs. Get a Crown Bone Cutter. Send today for catalogue. WILSON BROS., Box 825, Easton, Pa. **BEST MADE Lowest in Price**

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.

==VIERHELLER'S BUFF ROCKS==

SPECIAL SALE of Last Year's Prize Winning Cocks and Hens. This is your chance to get something good.

VIERHELLER BROS., 71 Sylvania Ave., PITTSBURGH, PA.

CLARK'S QUALITY S. C. W. LEGHORNS Winners at Catskill, New Paltz, Middletown, N. Y., and Red Bank, N. J. Exhibition cockerels and pullets at prices that will move them. Eggs for Hatching from Quality Matings.

T. A. Clark, "Woodcrest," RIFTON, N. Y.

WHITE LACED RED CORNISH FOWLS

Stock for sale for immediate delivery at \$5.00 each, for good breeding birds. Show birds a matter of correspondence. Watch my pen of White Laced Red Cornish in laying contest at Storrs, Conn. **W. H. CARD, MANCHESTER, CONN.**

1882 - JODREY'S SILVER WYANDOTTES - 1912

Champions of the great club show Boston 1912, Won the Steinmesch Challenge Cup for best 4-150 competing. The Boston Champion Cup for best male, 52 competing.

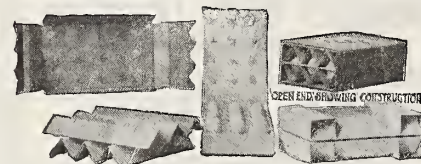
They won on quality not quantity. Breeding and exhibition stock for sale that will improve your stock.

J. C. JODREY, DANVERS, MASS.

COLUMBIAN MAPLE GROVE FARM INDIAN

PLYMOUTH ROCKS My quality strain of both varieties are equalled by few, and surpassed by none as my record in leading exhibitions will prove. I have the choicest lot of young stock in each breed that I ever raised. Hundreds fully matured and fit to win. Prices reasonable. Write your wants.
H. M. Munroe, Maple Grove Farm, Lexington, Mass.

RUNNER DUCKS



BUY DIAMOND EGG CARRIERS

It is a fact and not a boast that eggs get the maximum protection in the Diamond Egg Carrier. Order today. Sample 25c. 15-egg size, dozen \$1.50, hundred \$11.00.

DIAMOND EGG BOX CO.,

1116 New York Life Bldg., Minneapolis, Minn.

S. C. WHITE LEGHORNS

S. C. BLACK MINORCAS

Bred for perfection in standard requirements combined with extraordinary egg production. Eggs \$1.50, \$2.00 and \$3.00 Per 15. Baby Chicks 20, 25 and 35 cents each. Special price on eggs and chicks by 100. Write for circulars.

THEY WIN

THEY LAY

THEY PAY

Park View Poultry Yards, Box W, E. A. Waring, P. O. Box No. 3, Sta. C, Memphis, Tenn.

RANCOCAS WHITE LEGHORNS WIN

At the first big show this year—Syracuse Fair—all first prizes but one awarded to RANCOCAS White Leghorns, with additional winnings for RANCOCAS White Plymouth Rocks. This time it's the Trenton State Fair. RANCOCAS birds win championship, two silver cups, 29 ribbons, and Cash Prizes. Here's the Trenton list:

White Leghorns

- 1st and 2nd Cock
- 1st and 2nd hen
- 1st, 2nd and 4th cockerel
- 1 pullet
- 1st pen
- Best display and all specials.

These WIN

White Plymouth Rocks

- 4th cock
- 3rd and 5th hen
- 1st cockerel
- 2nd and 4th pullet
- Silver cup for best cockerel in show and championship.

If you want to win prizes, show RANCOCAS birds. We supply birds for competition and condition them for shows. For full particulars write

RANCOCAS POULTRY FARMS, INTERNATIONAL POULTRY SALES CO., Box 575, Brown's Mills-in-the-Pines, N. J.

around the cage. Over 400 cups and ribbons is a record for one farm for one season. Owen Farms have had a very successful season.

The Barred Plymouth Rock classes were big and hot, when such noted breeders as Chas. Latham of Lancaster, Mass., Haldie Nicholson, Leominster, Mass., Pittsfield Poultry Farm, Pittsfield, Me., Chas. Shaylor & Son of Lee, Mass., and other noted New England breeders meet there is surely something doing. Chas. Shaylor, the popular Barred Rock judge, has lately taken his son in partnership with him and this is their first exhibit, and they achieved great distinction by coming out on top, winning best display. They concentrated their efforts to win first pen, a much coveted prize at Boston and they succeeded, winning 1st, 4th pen. The male in 1st pen was considered to be the best Barred Rock male in the show and it was conceded that he would have been an easy winner in the open class. Judge Shaylor informed me that he and his son will devote all their time to the breeding of exhibition Barred Plymouth Rocks of the very highest type of perfection and they will cater to the egg trade. If in need of stock or eggs I commend C. H. Shaylor & Son to my friends. I wish them all possible success.

Pittsfield Poultry Farm, Pittsfield, Me., the greatest exhibition and utility Barred Rock Poultry Farm in the world were also very much in the running, winning ribbons in every class, also winning many specials including color specials on males. Mr. Briggs of this firm was in constant attendance at the show and made sales aggregating close to 2,000 dollars when I last talked with him, and no doubt he closed up considerably more on Saturday. Pittsfield quality is known the country over, no matter where I go I come across customers of theirs, either in stock, eggs or baby chicks, and they are satisfied ones. I never hear a kick against them. They are the authority on the incubation and brooding of chicks, being especially experts in the handling of a Mammoth machine. They use the Hall. They publish a book called Money Making Poultry, which is sent free to all readers of A. P. W. Send for it, addressing them, Pittsfield Poultry Farm Co., 276 Main St., Pittsfield, Me.

The White Rock classes were declared to be the greatest ever shown at Boston and the males being the strongest ever shown anywhere. The stars were first cock and first cockerel. There were 54 cockerels of wonderful quality. Chas. W. Pratt of No. Abington, Mass., won on two entries, winning first and 3rd cockerel with two wonderful birds. Judge George who very ably handled the class said, with more time to furnish 3rd cockerel would be first, supplementing this statement by saying that he is one of the very best White Rock males that he ever handled. Showing the two stars in a class of 54 cockerels is a great feather in the cap of Mr. Pratt, who to my mind is one of the very best White Rock breeders. He also is a noted breeder of White Wyandottes and has furn-

ished winners and showed winners at the leading shows including Madison Square Garden. Parties desiring quality, stock and eggs at reasonable prices can get them from Mr. Pratt, and I take great pleasure in introducing him to our readers.

International Poultry Sales Co., Brown's Mills, N. J., also won several ribbons on some very classy birds in the cockerel class, also winning 4th on pen, 16 pens in. They also won many ribbons in the S. C. White Leghorn classes including 1, 4 pen. This great poultry farm played a trump card when they secured Mr. M. L. Chapman. He has the reputation of having bred many fine White Rocks and as a

Duston's White Wyandottes

The Acknowledged Leaders

Win at leading shows from coast to coast. Describe your wants and send for printed matter.

Arthur G. Duston, Sa. Framingham, Mass.

FOR SALE Prize Winners, firsts, Cocks, Cockerel and young Pen Buff Rocks, New York State Fair 1912 also prize winning hens. Quality for 20 yrs. unsurpassed

EDGEWOOD FARM, BALLSTON LAKE, 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 98-2, MANSFIELD, MASS.

BUFF WYANDOTTES "GOLDEN GLOW" STRAIN.

1st, 2nd, and 3rd Madison Square Winners head my breeding pens.

THEODORE S. HEWKE, MIDDLETOWN, N. Y.

RHODE ISLAND REDS Rose Comb Warnings in 1912—4 firsts, 3 seconds 3 thirds, 1 special. Eggs from The Winners at \$5.00 per 15. **S. C. WHITE LEGHORNS** Eggs from high scoring pen \$1.00 per 15.

W. E. BARBER, 526 J Avenue, SUPERIOR, WIS.

WHITE CRESTED BLACK POLISH - BUFF WYANDOTTES

Great Bargains Now Offered.

CARPENTER & CARPENTER, EAST RANDOLPH, N. Y.

ENGLAND'S OLDEST FOWLS...RED DORKINGS

These birds the Romans brought to Britain, are the most beautiful of the best table breed. Cocks black-breasted reds of eight pounds; hens black-spangled reds of six. Heavy layers, winter and summer, of white eggs. Cockerels, five dollars up. Sittings of fifteen, first pen, five dollars; second pen, two dollars. Write for new sort of circular to

C. WEYGANDT, Wissahickon Ave., Mt. Airy, PHILADELPHIA, PA.

GABRIEL'S "RAVEN BLACK" Strain of S. C. MINORCAS

At the Indiana State Fair Indianapolis Sept. 1912 Won First Cockerel, First Pullet, First Pen. FRED C. GABRIEL, Prop., Raven Black Yards, SOUTH BEND, IND.

LOVE'S BARRED ROCKS are Champions of the South. At the Tri-State Fair, Memphis, 1912, 1 won as follows: 1 cock, 1-4-5 hen, 4-5 pullet, 1-2-3-4 pen. Special for best shape cock, best colored cock, best pen, best display Barred Rock from Tennessee, and several other minor prizes. It takes quality to do this and I have it. Choice stock for sale. Write your wants.

W. E. LOVE, Jr., Box W, 1129 Union Avenue, MEMPHIS, TENN

Morgan's Black Langshans and Rose Comb White Leghorns

Exhibition and utility stock for sale. Write for my free price list.

Morgan Bros., Dept. 4, W. Alexander, Pa.

RICHARDSON'S ROSE COMB REDS

Madison Square Garden, Baltimore, Hagerstown, won this season 5 firsts, 4 seconds, 4 thirds, 1 fourth, 5 fifths. Write your wants. Member Red Club and A. P. A.

M. C. RICHARDSON, JR., FRONT ROYAL, VA.

TOLMAN WHITE PLYMOUTH ROCK

BABY CHICKS and EGGS FOR HATCHING

When you order from Tolman, you get the best at a popular price. Eggs and Chicks now ready. Circular and fine list Free.

JOSEPH TOLMAN, Dept. G, ROCKLAND, MASS.

PRESCOTT'S ORPINGTONS

BUFF, BLACK, WHITE AND DIAMOND JUBILEE

Located in their new home. We are only 23 miles from Boston, on the main line of the B. & M. R. R., which gives us the best of train and express service.

We have grown a grand lot of Orpingtons and are prepared to furnish choice birds in both old and young stock. Let us hear from you.

H. B. PRESCOTT, 75 Salem Street, ANDOVER, MASS.

conditioner he has no superior. He is an expert on mating and breeding and withal is very popular, and he already is making a great reputation among the customers of Rancocas.

The Partridge Plymouth Rocks were the strongest classes of this, now popular member of Rock family yet shown at Boston, and the class was made notable as it contained the first effort as an exhibitor by Master J. V. R. Bright, son of Wm. Ellery Bright, Proprietor of Grove Hill. Master Bright is a born fancier who taking a liking for the Partridge Rock was encouraged by his father, who secured the best specimens as a foundation for his boy to work on and he has had wonderful success, as in 1st cockerel he showed a bird that in the estimation of Judge Drevenstedt was the best Partridge Rock cockerel he had seen this year. Master Bright's total winnings were, 1st, 2d cockerel; 1st winning shape and color specials, 1st pullet and first pen. Master Bright will breed his variety in conjunction with his father's birds at Grove Hill and Partridge Rocks will be listed and sold along with the Barred Rocks and S. C. Brown Leghorns.

Grove Hill has always been noted for the great strength and color of their male line in their Barred Plymouth Rocks, and of late years they have been coming along very fast with their female line, but the great win made by their females at the big 1911 Topeka, Kansas, show, where they won all firsts, convinced the west that Grove Hill could justly claim the same pre-eminence for their female line as they have clearly demonstrated with their males.

The sensational pullet that was in the Grove Hill display cage at the Boston show, was one of the biggest attractions of the shows. Many experts claimed she was the best Barred Rock pullet out this year, and Superintendent Cook was repeating with no inconsiderable pride that Judge Schwab had told him that she was the best Barred Rock pullet raised in 1912. Some statement, but as Mr. Schwab judged at Madison Square and other leading shows this season his words are worth repeating and they mean and count for a great deal. The three other pullets were also great birds and were good enough to win at any show. Superintendent Cook is making good at Grove Hill and he reports as having had a splendid sale of stock. He asks me to note that they have a choice line of pullets and cockerels to dispose of in Barred Plymouth Rocks, Partridge Plymouth Rocks and S. C. Brown Leghorns, the three varieties now bred at Grove Hill Poultry Yards, Waltham, Mass.

The Columbian Rocks were a very attractive looking class. When such breeders as F. G. Bean of Collegeville, Pa., and H. M. Munroe of Lexington, Mass., enter strings there won't be much left for the other fellows. Mr. Bean is clearly the leader in this popular variety of the Rock family. From the start he worked for true Rock shape and his birds have won the bulk of the blue ribbons at all the shows they have been exhibited at. His win at Boston was 1, 3 cock; 1, 3

hen; 1, 2, 5 cockerel; 2, 3 pullet and first pen.

Howard M. Monroe of Lexington, Mass., did very well, winning nicely in every class, winning 2 ribbons on cocks, 2 on hens, 1 on pullets, 2 on cockerels, and 2nd and 3rd pens. Mr. Munroe sold very short, having furnished a lot of birds to show and win. This prevented him from making as strong a showing as he originally intended at Boston, but Mr. Munroe had the money and his customers had the birds. Mr. Munroe also has one of the very best flocks of Indian Runner Ducks in New England and he does a thriving business in the same.

The Rhode Island Red classes are always interesting at Boston, generally made so from the fact that it can be considered the round up show, as here annually can be seen the win-

ners of the leading New England shows reinforced occasionally by winners from the Madison Square Garden show. The classes in both combs were good. The S. C. cock classes were strong, 1st a good winner, 2nd well up, all the winners in fact being good. There was plenty of color in the hen class. 1st cockerel was an easy winner, having color and condition. 2nd cockerel was a mighty strong bird, but had hurt his comb from fighting. He was 1st at Brockton Fair in a class of 48 cockerels, and I considered him the best cockerel ever shown by White Birch. Pullets were very strong. The Rose Comb classes were strong, all the winners showing high class. 1st cock strong; 3rd cock good one; 4th crackerjack, but out of condition. Hens all Red ones, 1st and 2nd good winners.

Here We Have What You Want--Why Did You Not Let Us Know Before?

At your own price stock that will win, also lay 200 eggs or better. Rocks, Reds, Orpingtons, Wyandottes, Minorcas, Leghorns, Bantams, Ducks, Geese, Stock, Eggs and Chicks. Catalogue Free.

MAPELING POULTRY YARDS,

Lock Box 86 N,

MANLIUS, N. Y.

ALL OUR SHOW BIRDS FOR SALE in *Black Orpingtons, R. I. Reds, all varieties Leghorns, Rocks, and Ornamental and Game Bantams, Silkies*, all varieties of *Waterfowl*—our *White China Geese* are the Champions of the World. We are now through showing, will sell cheap. Over 6000 prizes won. Address **MRS. W. P. MASTEN,** PLEASANT VALLEY, N. Y.

D. & F. REDS

Win at New York State Fair, September 9th to 14th, 1912, \$25.00 for best exhibit Rhode Island Reds, winning 3 firsts, 3 seconds, 1 third, 3 fourths and 3 fifths. We sell guaranteed winners. Also a good number of breeders for sale at \$1.50 up. Ask the Editor of this paper about us.

ROCK CREEK FARM,

Route 2,

GENESEO, N. Y.

VERMONT'S FAMOUS WHITE WYANDOTTES

Are Still Winning Strong. Five out of six firsts is their latest. Cocks, Hens, Cockerels, and Pullets that can win for you. Write your wants.

GEO. M. BEECHER,

Box 125,

WEST PAWLET, VT.

WILSON'S INDIAN RUNNERS and BUFF, BLACK and WHITE ORPINGTONS

Our Orpingtons are of the same high quality as our Runners and have won at such shows as Ohio State Fair. Get our Mating List.

WILSON FARM,

Route 11,

DOYLESTOWN, OHIO

BAILEY'S CHAMPION SINGLE COMB REDS

Winners at New York and Challenge Cup at Boston. Forty superb exhibition and breeding Cockerels for sale.

A. S. BAILEY,

COBALT, CONN.

If I Buy Baby Chicks What Will They Mature Into?

Will they grow into birds that I can feel proud of and that will lay winter eggs in quantities or win the blue ribbons for me or will they be just scrubs? That's the question before everyone who will buy day-old chicks. It's not the first price that counts but will they be right at maturity?

CALDWELL'S WHITE PLYMOUTH ROCK

FISHEL STRAIN

"BABY CHICKS OF QUALITY"

From Utility Matings

will mature into long backed, well-made birds pure white in color that will be the secret of "winter eggs." Every utility breeder is descended from well known good layers that have been bred that way.

From Exhibition Matings

will mature into blue ribbon winners. Every exhibition pen is made up of birds with good combs, of good type and chalk white in color possessing the rich blood lines of generations of Fishel blue ribbon winners. Our birds were among the principal winners at the Indiana Poultry Show, Indianapolis, 1912.

Our Flocks are Vigorous

All fall our flocks have roamed meadows and woods accumulating health and vigor. They are now in winter quarters so full of life and vitality that their chicks will be strong and sturdy.

Here is the Caldwell Selling Plan

We are now booking orders for "Baby Chicks of Quality" for spring delivery. We never have been in such fine shape to handle orders of any size. Our fine plant is fully stocked with the finest birds we ever owned of both utility and exhibition quality. An early placed order enables us to so arrange our hatchings that we save money. By your faith you are entitled to that saving so we will allow you discounts for early placed orders the earlier the greater the discount. **Safe arrival of chicks is guaranteed.**

A New Catalogue is Now Ready.

One of the finest ever issued by any breeder. It tells just how "Baby Chicks of Quality" are produced and describes every grade of stock that we have to sell, with prices. A copy is ready for you.

R. C. CALDWELL, Box 102-A, LYNDON, Ross Co., OHIO

Cockerels high class and the ribbons well placed. 1st cockerel was considerable ahead of the 1st prize cockerel here last year. 2nd and 3rd were also great birds. 1st pen was a good one.

Old Acres, Foxboro, Mass., only made 2 entries at Boston this year, a cockerel and a pen, winning 1st cockerel and 2nd pen. Old Acres has now the distinction of winning 1st S. C. cockerel in the same season at both Boston and Madison Square show. This makes the 3rd year in succession they have won 1st cockerel at Boston. Old Acres does certainly produce wonderful cockerels and a whole lot of them each season. They also have the pleasure of learning from their customers that Old Acres strain is winning the blues at many big shows. The 1st prize cockerel at a recent big show selling for 200 dollars was bred from a bird secured from Old Acres, while the 2nd prize cockerel at the same show selling for 100 dollars was out of a setting of eggs purchased from Old Acres. Old Acres is going to establish a more uniform price for selling eggs, a price that will place the eggs from their best pens within the reach of all. Old Acres strain nicks with any strain and a cockerel from them will greatly improve any breeders flock.

A. S. Bailey of Cobalt, Conn., won 1st hen and color special, winning this coveted prize over pullets. He also won 2nd cock and 1st prize on eggs, making the 3rd year in succession that he has done this.

White Birch Poultry Farm, Bridgewater, Mass., made a very fine showing in both Rose and Single Comb Reds and from the quality of their birds shown this season I will state that they are now producing and showing the best Reds in their history. Their 1st prize cockerel at Brockton last fall winning all specials in a class of 48 cockerels was by far the best S. C. they ever showed. They also showed and made a big winning on Rouen and Pekin Ducks, winning 8 firsts and 6 seconds. Manager Withington of this great modern poultry and duck farm, announces a sweeping reduction in the prices of eggs from their best matings for next season. They sell eggs for hatching also from their best duck matings, selling both baby chicks and day old ducklings, and will be ready to ship February 15th.

A very proud man was Geo. W. Little, the R. I. Red specialist of So. Braintree, Mass. He was formerly a White Wyandotte breeder, but some years ago he took up the breeding of Reds, finally landing on the Bean strain of Rose Combs and he has made good with them. Last season at Boston he won, among other prizes first pullet. He was offered a big price for this pullet as she had won all shape and color specials, but he reserved her for breeding and she more than paid for herself as she proved a great breeder, and the mother of first prize cockerel at the big 1913 Boston show. Mr. Little also received a fancy offer for 1st prize cockerel, but very wisely refrained from selling him, as he is a great bird and will prove a great breeder. Mr. Little will

spare a few settings of eggs from pen headed by him at 15 dollars per setting and I call it very cheap.

Jones & Thayer, whose breeding yards are at Randolph, Mass., had a very strong string of Rose Combs in showing, no cocks. They won 1st hen on a corker, 1st pen, 6th pullet and 2, 3 cockerel. 3rd cockerel was next to first, the strongest Rose Comb cockerel in the class and several flattering offers were made for him, they refuse one hundred and fifty dollars for him. These two energetic fanciers have been making a success with the Bean strain of Rose Combs. Now they have united and will raise about 1000 birds the coming season. Their matings will be strong and they will sell eggs for hatching from them all without reserve, and it will be a splendid opportunity to secure Pure Bean Stock.

Lester Tompkins, the acknowledged king of them all, won the cups and specials in both combs for best display. His 1st S. C. Red won shape special while his 2nd prize Rose Comb pullet won special for best wing hackle and tail. This latter prize seemed to amuse Lester and he avail-

ed himself of every opportunity to show to admirers one of his winning singles, which had a hackle tipped exactly right, a beautiful black tail and she had the best marked wing of any R. I. Red female I ever saw.

I. W. Bean went into ecstasies over the splendid markings of this Single Comb pullet and took great pains to show her to the many students of Reds that frequented the Red Alley at Boston and pointed to her as a Red female that has real standard markings.

Mr. Tompkins took a great deal of pride in showing his Single Comb pen which he says is the best he ever exhibited and in his estimation the best pen ever put together. This is a pretty strong statement for Lester Tompkins to make, when we take into consideration the fact that he won first S. C. pen 6 years in succession at Madison Square Garden. Mr. Tompkins says that he will have the very strongest matings in his breeding pens this year that he ever had and he also states that he is going to reduce the price of eggs from his championship matings.

A. F. Tilton, the Single Comb R. I.

PARTRIDGE WYANDOTTES HENS and COCKERELS

Also a few S. C. White Leghorn yearlings. Prices on above from Two to Ten Dollars each.

C. B. McEWAN,

ALBANY, N. Y.

Big Whites of Quality OHIO ORPINGTON YARDS Big Whites of Quality

I will send an extra setting of eggs with each order, for the rest of the season. A chance to get genuine English stock cheap. \$5.00 per setting.

C. F. LOUIS,

Box 18-L,

WARRENSVILLE, OHIO

ROSE COMB REDS

Our matings are the strongest in our history, and we sell eggs from these matings without reserve at \$5.00 per 15.

Send for Catalogue. Address

Red Lion Poultry Yards, Jenkins & Park, Props., Chatham, Col. Co., N. Y.

HOUDANS "Worth While"

LATEST WINNINGS, 5 1sts; 4 2nds; 4 3rds., at recent Big Illinois State Fair. Orders for eggs and baby chicks booked now. 10 cents for instructive HOUDAN book.

DR. G. G. BILLMAN,

Box D,

EVANSVILLE, IND.

VINCENT'S BUFF ROCKS

Win at the Grand Central Palace Show, 4 cock, 3 hen, 3 pullet and 3 pen. A choice lot of stock for sale. Prices reasonable.

Satisfaction guaranteed.

Write your wants.

JAMES H. VINCENT,

HAZELTON, PA.

FAIRFIELD WHITE ROCKS TO THE FRONT

At the great Allentown Pa., 1912, Show won 1st cock, 1st cockerel, 1st pullet, also Col. Trexler Cup for best bird in White Rock class, have won this cup twice. Also at Bridgeton, N. J., Quality Show, November, 1912, won 1st, 2nd, 4th cock, 1st, 3rd, 5th hen, 1st, 2nd, 3rd cockerel, 1st, 2nd, 5th pullet, 1st pen, also Commercial League Cup for best display of Rocks, all varieties competing, also medals for best hen and best pullet in the show. We have lots of good husky cockerels for sale at bargain prices, also about 100 pullets we can spare that will please anyone, also a few very choice cockerels and pullets fit to show anywhere. Write just what you want and what you wish to pay and we will give you more than your money worth. Eggs for hatching after February 1st.

FAIRFIELD POULTRY FARM, H. W. Schnitzer, Prop., FAIRTON, N. J.

Red specialist of Rockland, Mass., was an interested visitor during the show. Mr. Tilton did not exhibit, but birds of his strain, he informed me, were in evidence. Mr. Tilton is the originator of the celebrated Imperial strain of Single Comb R. I. Reds, and he is noted as being one of the very best Single Comb Red breeders that the world affords. He only shows each year at Brockton, Mass., where I have seen and handled many phenomenal blue ribbon winners of his breeding. Mr. Tilton does not believe in showing your best breeding birds as late as the Boston show, not caring to weaken them as he requires the utmost vigor in his breeders. Mr. Tilton is known and recognized as one of our best judges of a Red and many have expressed the wish that he would consent to judge at several of our big shows. If this should happen the Red men then would be assured that the best Reds in the class would get the ribbons. Mr. Tilton's breeding pens are select and he will sell eggs from them without reserve.

Fred Almy, Prop. of Red Feather Farm, Tiverton-4-Corners, R. I., also stepped in, just to see how 1st prize R. C. pen at Boston compared with his first prize pen at Madison Square Garden. As Mr. Almy never says anything against the other fellow's birds, I of course cannot give his impressions, but in going through the show I noticed that the blue and other ribbons were mostly all advertised as Bean strain. He said that he was mighty glad that he purchased Sensation from I. W. Bean as it placed him in a position wherein he could style himself monarch of all he surveys as applied to the Rose Comb R. I. Red field. Aside from his big win at Madison Square Garden, Mr. Almy made his usual annual clean up at the big Providence show.

The sensation of the Boston show was the unprecedented win of John S. Martin, Port Dover, Ont., Canada, originator of the world renowned Regal strain of White Wyandottes. One first in the White Wyandotte classes at Boston is something to crow over and it means a whole lot as it is generally admitted that the strongest classes of White Wyandottes in the whole country are to be found at Boston. There are many classy White Wyandotte breeders in and around New England who although they sell birds that win at all the big shows of the country, always reserve their very best to show at Boston. Boston is their home show and they must appear at their very best among their neighbors. There is Geo. W. Dakin, F. H. Nickerson, W. W. Tirrell and some others that you will have to get up in the morning if you expect to beat them at Boston, but against all this John S. Martin's win was as follows: 25 cocks in a class, he won 1, 6; 25 hens, he won 1, 5; 51 cockerels, he won 1, 3, 4; in a class of 50 pullets, he won 1, 3, 4; 13 pens in, he won 2, 3, 4, and the nice thing about this big win was that every one including the loser seemed to be glad that "Johnny Martin" did it. There is not a shadow of doubt but what Mr. Martin is the most popular breeder in America.

In mentioning Mr. Martin's wins it would seem that there was no glory

left for any one else, but such is not the case for J. W. Andrews of Dighton, Mass., was right after him, winning 2, 4, 5 on cock; 2, 3 hen, 2 cockerel and first pen, making 6 times that Mr. Andrews has won first prize pen at Boston since 1907. There is no disguising the fact that Mr. Andrews has made a wonderful record with his White Wyandottes and we believe he has his strain so line bred that he rarely now produces a cull. He only raises 150 each year and of this number nearly everyone is either a show bird or else a first class breeding bird. I visited his place this past fall and I never saw so many first class exhibition birds in such a small flock.

The Partridge Wyandottes were a great class at Boston and Mr. Wood of 240 Main St., Worcester, Mass., cleaned up things as follows: cocks 1, 2; hens 1, 3; cockerels 1, 2; pens 1; and the following specials: \$100 champion challenge cup for best male, same for best female; these cups offered by the Partridge Wyandotte club of America, also Silver Cup for best cock, hen, cockerel and pullet, also the champion challenge cup and silver medal for best male. This is the usual Boston special. Mr. Wood also cleaned up things just about as big at the big Providence show. He is one of our fanciers and he is making a great success of his poultry. He is also a

ORPINGTONS BLACK AND WHITE

If you want to get in the King Row you will want some of our birds. We have the kind that make good in the show room, dinner pot and egg basket. Some choice young stock for sale at hard time prices, also colored Muscovy and White Indian Runner Ducks.

STAUFFER BROS.,

APPLE CREEK, OHIO

Reepmeyer's Silver Laced Wyandottes

Again Big Winners. This season at Grand Central Palace on four entries we won First Cock, First Hen, Third Cockerel, First Pullet. Madison Square, 2nd Cockerel, 2nd Pullet. Last season at Philadelphia in the largest and best class of Silvers ever shown we won First Pullet. At Buffalo, N. Y., First Hen. These winnings stamp them champions. Eggs from these winners \$5 per 15. Book your orders now. Write J. REEPMAYER, Jr.,

CRAIG, Schenectady Co., N. Y.

Coe's Light Brahmas

An unparalleled record of 314 first and second prizes during the past three years. Quality birds fit for any show in this country.

CLAUDE E. COE,

LEXINGTON, OHIO

COCKERELS AND PULLETS FOR SALE

R. C. Rhode Island Reds

from Kaufmann & Windheim's Madison Square Garden Winners

S. C. White Orpingtons

from Cook, Kellerstrass and Jackson stock. A few White Embden Geese from Madison Square winners. "Moderate prices and pleased customers" our slogan. Write us as these birds will be disposed of very shortly. PARSONS'S POULTRY PLANT, AVON LAKE, OHIO

WHITE ROCKS AND PEKIN DUCKS

Our White Rocks are bred for utility as well as Standard points and are consistent winners at the large shows, including New York State Fair, Rochester, etc. A few choice cockerels and yearling hens for sale. Farm reared, healthy and vigorous, the paying kind.

Our Pekin Ducks are unexcelled for size and quality. Champion winners at New York State Fair, Grand Central Palace, Buffalo, Rochester, etc. Choice early hatched young stock for sale at reasonable prices. Write your wants. Our stock will please you.

F. M. DODGE,

Route W,

FRANKFORT, N. Y.

S. C. WHITE LEGHORNS

Breeders for Sale—Selected stock from my quality matings this season at cut prices.

OAK POULTRY YARDS, Paul C. Bork, Prop.,

Member A. P. A. and National S. C. White Leghorn Club,

AKRON, OHIO

WHITE ORPINGTONS - WHITE ROCKS

INTERNATIONAL CHAMPIONS

Birds from my yards have won at Dairy and Palace Shows in England, also in New Zealand and at every big show in Canada. New York State Fair, 1911 and '12, ten firsts; Michigan Round Up Show five firsts; Madison Square, 1911, 1st, 2nd, 3rd, 5th and 6th. Birds sold on approval. Duty paid to United States.

HIGH WORTH POULTRY YARDS,

FRED A. ANDREWES, Proprietor.

LONDON, CANADA

AGAIN VICTORS

Scranton's S. C. Rhode Island Reds



At Louisville, Ky., against the best Reds of the South, won 1, 2, 3, 4, 5 cockerel; 2, 3, 4, 5 cock; 2, 5 hen; 2, 4, 5 pullet; 1, 2 old pen; 1, 3 young pen. \$75.00 Cup for best display in show—114 points.

Remember they made the Greatest Win at Chicago last season that has ever been made in that show by one breeder of Reds—5 first prizes and all specials, besides many minor prizes.

At Hagerstown, Md., in October they also made a remarkable record. These with their unequalled records of past years stamps them as the leading strain of Reds of the present day.

Why do they win? Because they have been carefully line bred for years and have established blood lines that will reproduce.

My matings this season are better than ever before. If you want to know more about them send for a catalogue of matings today. It will be mailed free.

B. H. SCRANTON,

RISING SUN, IND.

great lover of thoroughbred cattle and has one of the best herd of Jerseys in the country. He has great faith in the AMERICAN POULTRY WORLD as through his ad. in it he has made sales at big prices in all sections of the United States and Canada, having made many sales on the Pacific coast. There is plenty of room in the fancy for men of the class of Chas. H. Wood.

Henry B. Prescott of Andover, Mass., breeder of Buff, Black, White and Jubilee Orpingtons, made a nice entry and made a nice win, winning 3 firsts with their Diamond Jubilee Orpingtons Their 4th prize pen of S. C. White Orpingtons with more age would hustle 1st very easily. He also showed up very strong in the Buff Orpington and fairly well in the Blacks. Mr. Prescott is a fancier that I like to see win. He is always the same, never having any kick over the judges' rulings, always satisfied. He shows good birds and he is doing a good business, and now that he has moved into the fanciers' country, viz., Massachusetts, he will be more favorably situated and will be better able to conduct his poultry business along larger lines as he has plenty of room to expand. I have met many customers of H. B. Prescott in my travels and they all speak well of his methods of doing business. Give him a trial.

The Orpington classes were quite an improvement over last year, the Buffs being the largest class. There was a lot of interest shown in the different classes and more sales were made than one would expect at this time of the year.

Hugh A. Rose, Font Hill, Ont., Canada, showed some very remarkable birds in the various classes of the Buffs, Blacks and Whites, 1st Black cockerel being especially noteworthy of mention. Mr. Rose won more points than any other exhibitor and his strings looked very good considering the long campaign that many of them have went through, and Frank Conway must be given a great deal of credit for the masterly manner with which he handles this great string of birds. I believe him to be the equal of any man living when it comes to keep birds healthy and in condition.

A. B. Cox, 49 Thurston Road, Rochester, N. Y., did things up in great shape in the Buff Leghorn classes, which by the way were the best I have ever seen at Boston. Mr. Cox is one of our very best Buff Leghorn breeders and has made as much progress in this variety as any breeder I know of. His Boston string was probably the best out this season. He showed the best hen of the season, at Boston, she was a wonder. His winnings were 1, 2 cocks; 2, 3 hen; 1, 3, 4 cockerels; 2 pullets and 1st pen, winning best display and other valuable specials. The star of the class was first cockerel, which Mr. Cox informed me was a son of his first Madison Square cockerel of last season.

R. A. Rowan of Los Angeles, Calif., won nearly all the places on Black Spanish, although he had very strong competition against him, only losing 1 fifth, 1 fourth and 1 sixth. Mr. Rowan did about the same at the Garden, and he shows considerable

pluck in sending a string of birds from the Pacific Coast to compete with the pick of the east.

The winning of Dune Alpin Poultry Farm, East Hampton, L. I., was the feature of the Single Comb White Leghorn classes and was the real sensational exhibit of the show, as there was no other class in which the 1st prize bird so clearly outclassed their rivals as did the Dune Alpin birds. This fact was cheerfully admitted by all. Dune Alpin's win was as follows: 1, 2 cock; 1, 3, 6 hen; 1, 2, 3, 4 cockerel; 1, 3, 5 pullet, winning best display as a matter of course.

Great credit must be given to Geo. J. Kerr, their able manager, whose skill in mating and breeding was instrumental in producing such a wonderful flock of modern type prize winning S. C. White Leghorns and whose skill in conditioning enabled them to appear in their best possible dress for the judge to admire. Dune Alpin's future is very bright and they are looking forward to another still greater year in 1913, as they have retained all their very best birds for their breeding pens and their egg customers will reap the benefit of this as they will sell eggs from every pen. I invite all S. C. White Leghorn breeders

OCULUM grows the finest fowls you ever saw—a free trial—ad. page 358.

America's Best Silver Duckwing and S. C. Buff Leghorns

A grand lot of Cockerels and Pullets for sale in both Silvers and Buffs. If interested write me stating what you want. Mating list on request.

THOS. PEER,

Sec'y-Treas. National S. C. Buff Leghorn Clb.

CALDWELL, N. J.

WHITE ORPINGTONS "OF THE BETTER SORT" ARE WHITE AND STAY WHITE

Get Right. That means White. The yellow, brassy White Orpington is out of date. Send for our White booklet, it contains some boiled down facts and sound reasoning. It's Free.

MOUNTAIN VIEW FARM, E. A. Haring, Prop.,

R. F. D.

SOUTH KENT, CONN.

EASTERN STAR STRAIN S. C. REDS

Winners at Hagerstown, Syracuse and other big shows. I have never had a dissatisfied customer. Squareness keeps the Reds advancing. Write for prices on stock and eggs. Satisfaction or your money back is my motto.

L. W. MAXSON, Box W, SCRANTON, PA.

CLOSING OUT SALE OF CLARK'S HOUDANS

I find it necessary to close out my entire stock of Houdans. I have spent 13 years of untiring effort in building up this strain of birds. Their record in the show room is a matter of history. They have been shown at Madison Square, Cleveland, Pittsburgh, Columbus, Toledo, Chicago, Kansas City and many smaller shows, and have won best display repeatedly. I am going to make prices attractive, considering the quality. Many of the birds would never be priced under any other circumstances.

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SULLIVAN, OHIO

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I have 500 fine utility, breeding and exhibition birds for sale. If your flock is weak in a certain section, why not write me for a male strong where they are weak. Prices reasonable and stock sent on approval. I line breed and trap nest the McIntosh Strain which is the oldest and best strain. Have just added another 250 capacity breeding house equipped with trap nests. Of a possible 29 firsts at six last showings I won 20 firsts. Send for special sale list of stock. It is free.

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Box B,

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Fogg's Single Comb White Leghorns

ARE BRED FOR EXHIBITION AND HEAVY LAYING

Get our prices on breeders and young birds. We have the quality that will please you. Our breeders this season are the finest lot we have ever mated. Write us early about *Baby Chicks* and *Eggs For Hatching*. Our Baby Chicks are the kind "That Live" and eggs for hatching will produce that kind. Send for Booklet and Mating List now.

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Winners at leading shows for 14 years. Special prices on 1912 breeders. 1000 growing chicks for the fall and winter shows. Circular Free.

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Imperial Columbian Rocks At the big Albany, N. Y., Show make another sweeping victory by winning 1, 2 cock; 1, 2 hen; 1, 2 cockerel; 1, 2, 3 pullet; special for best display. Send for my new illustrated catalogue just off the press.

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and lovers to send for Dune Alpin's handsome mating list. It is handsomely illustrated and it contains pictures true to life of the many birds that have made Dune Alpin Poultry Farm, East Hampton, N. Y., one of the most famous poultry farms in the world.

The R. C. Minorca classes were the best and biggest that we have ever seen at Boston. This was due to the fact that the club held their annual meeting at the Boston show. This was held at the Copley Square Hotel where President-elect Moody gave a splendid seven course dinner to the members of the club and their invited guests. It was a success. I mislaid the list of officers elected, but I remember that A. M. Moody, 8 Toppans Lane, was elected president, and Lloyd Mishler was re-elected secretary. I am referring to the Rose Comb Black Minorca club and the R. C. Black Minorca classes in which there were 13 cocks, 18 hens, 25 cockerels and 19 pullets and there was some very grand birds. Judge Story was real proud of the exhibit and went into ecstasies over first cockerel which was truly a wonderful bird in type and color. Mr. Moody should receive great credit for the bringing out of such a wonderful exhibit of Rose Comb Black Minorcas at the Boston Show and it is bound to result in great good for the breed.

The Golden and Silver Campine classes attracted a great deal of attention at the Boston show, the Silvers especially. There is no denying the fact that the Campines have come to stay, and now all that remains to make their staying popular is to give them a standard that will show a bird of the elegance and grace of type of the Single Comb White Leghorn. This, I understand, such breeders as Geo. E. Noeth, proprietor of Manhattan Farms, Brighton, N. Y., and K. M. Turner, Prop., of Ridge Egg Farm, West Nyack, N. Y., have set out to accomplish and I earnestly hope that they will succeed in their efforts. If they do, then a bird of the markings of the Silver and Golden Campine, coupled with the shape of a Leghorn, will be one of the strongest contenders for popular favor in the future. Geo. E. Noeth, Prop. of Manhattan Farm, won on Silvers, 1, 4 cock; 1, 4, 5 hen; 1, 2, 3 cockerel; 1, 2, 3 pullet and 1st pen. In Goldens, 1 cock; 2 pen; 2, 3 hen; 1, 3, 4 cockerel; 1, 2, 3 pullet. The Campines owe a whole lot to Mr. Noeth, who is one of the best known and influential men in Central New York. Some time in the near future I will give my readers a description of Manhattan Farms, now famous as being the home of some of the world's best Silver and Golden Campines.

M. R. Jacobus, Ridgfield, N. J., is bubbling over with joy nowadays as

he is now receiving his answer to the world quoted question, Why is Jacobus giving up the Silver Grey Dorkings. The answer is because they were going to be supplanted by the Silver Campine, and they have, and Mr. Jacobus should receive all credit for the great popularity that has overtaken the Silver Campine and he is still quite a factor in their development, but he seems to work more for winning ribbons on eggs than he does on the chickens, but he wins many

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of them just the same. His Boston win on Silver cocks, 2, 4, 5; hen, 2, 3, 5, 6; cockerels 6; pullets, 4, 5, 6; pens, 2; Golden, 2 cock; 1, 4, 5, 6 hen; 2, 5, 6 cockerels; 4, 5, 6 pullets and 2nd pen. On eggs he won 1, 2, 3, 4, and his Campine eggs won over all eggs in the show and the egg exhibit at Boston is the biggest in the country.

Joseph Tolman of Rockland, Mass., and also of Fresh Air Poultry House fame, was a visitor at the show. Mr. Tolman must be given the credit as being the advance agent of the healthy poultry house, as he was among the first to advocate the Fresh Air Poultry House, others coming after him. Take him and Edgar Briggs and we have two men that have done more for the poultry industry than any other men in the country. Mr. Tolman informed me that he had the best flock of White Plymouth Rocks in the country and they are all housed and reared in the Tolman fresh air house.

A. C. Hawkins had in a display pen of Barred Plymouth Rocks. It contained the 4 pullets from 1st prize pen at Chicago and a cockerel of great quality that was never shown. Mr. Hawkins is next to I. K. Felch, our oldest poultryman considering years of service. He has sold over a million dollars worth of stock and eggs and he is still selling. He will sell to anybody, either to his strongest competitors in the show room or to his worst enemy in the poultry business, if he had one, it's all the same to Mr. Hawkins. He sells the best he has in his customers' opinion, then he comes out with some better. He has stood the test of long years of doing public business and is still one of the most trusted and honored poultry breeders.

J. C. Jodrey, the noted Silver Laced Wyandotte breeder of Danvers, Mass., came in one day to look over the show. Mr. Jodrey did not exhibit this year at Boston, owing to the fact that his health was in such a condition that his medical adviser told him that the excitement and work attendant upon preparing a string for a show would not allow of him to take the risk, but we are glad to state that he is now rapidly recovering. Birds of the Jodrey strain were very much in evidence, however. Mr. Jodrey is very emphatic in his belief that Silvers must be double mated to produce both males and females of proper color and the splendid top color of the Jodrey line of male prize winners attest to the truth of Mr. Jodrey's conclusions. Mr. Jodrey was of the opinion that the class was not up to the year previous in quality.

Mr. Haddock of Poughkeepsie, N. Y., had in a very fine string of S. C. White Leghorns and was awarded a number of prominent prizes. His 2nd prize pen was one of the best pens of S. C. White Leghorns ever exhibited at

Boston and were models of type and color. Mr. Haddock is to be congratulated upon such a fine win in what was the strongest classes of S. C. White Leghorns exhibited this season outside of Madison Square Garden. Mr. Haddock is conducting a model poultry farm in the suburb of Poughkeepsie, having installed a Hall Mammoth, he will make a specialty of selling baby chicks from his best matings. He also furnishes eggs for hatching as well as first class ex-

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Eggs from choice matings, \$3 and \$5 per setting, \$10.00 per hundred. A few nice breeders for sale. C. S. HUDSON, NEW BALTIMORE, N. Y.



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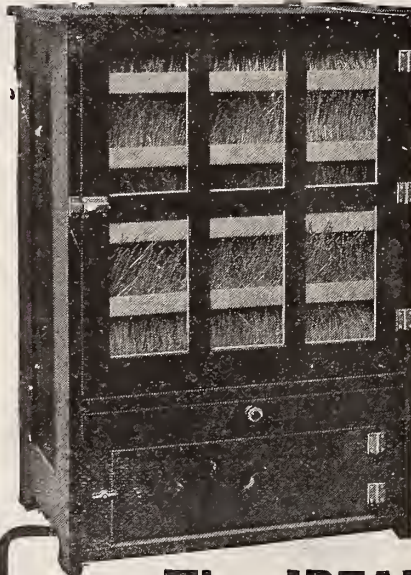
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by installing an Ideal Grain Sprouter and feed your hens the green food that is absolutely necessary to insure prolific egg production.

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The "Ideal" is made in several sizes—for a few hens up to hundreds. Can be used in summer (with-out lamp) as it has proper arrangements for moisture and ventilation to produce quick results and crisp feed.

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hibition and breeding stock. Mr. Haddock is a very enthusiastic fancier and gives his poultry business his direct personal attention.

The following classes were represented by twenty-five or more specimens:

Light Brahmas.....	44	35
Buff Cochins.....	36	20
Partridge Cochins.....	14	15
Black Langshans.....	34	5
Barred Plymouth Rocks.....	135	60
White Plymouth Rocks.....	148	80
Buff Plymouth Rocks.....	44	10
Partridge Plymouth Rocks.....	55	30
Columbian Plymouth Rocks.....	31	15
Silver Wyandottes.....	42	15
Golden Wyandottes.....	35	15
White Wyandottes.....	148	65
Buff Wyandottes.....	41	5
Silver Penciled Wyandottes.....	63	20
Columbian Wyandottes.....	71	50
S. C. Rhode Island Reds.....	106	65
R. C. Rhode Island Reds.....	62	20
Silver Grey Dorkings.....	43	..
S. C. Buff Orpingtons.....	100	75
S. C. Black Orpingtons.....	68	35
Blue Orpingtons.....	21	5
S. C. White Orpingtons.....	78	70
S. C. Brown Leghorns.....	32	5
S. C. White Leghorns.....	74	30
R. C. White Leghorns.....	15	10
Buff Leghorns.....	29	10
Black Leghorns.....	22	10
R. C. Black Minorcas.....	73	20
Black Spanish.....	36	..
Mottled Anconas.....	54	5
Houdans.....	23	30
W. C. Black Polish.....	28	30
Black Hamburgs.....	81	10
Golden Spangled Hamburgs.....	34	5
Silver Spangled Hamburgs.....	72	15
Silver Campines.....	36	20
Golden Campines.....	21	10
Bronze Turkeys.....	27	..

Less than twenty-five specimen were shown in the following varieties:

Dark Brahmas, 15; Black Cochins, 17; White Cochins, 7; White Langshans, 7; Buff Langshans, 2; Black Wyandottes, 9; Partridge Wyandottes, 21; Blue Wyandottes, 14; Blue Columbian Wyandottes, 4; American Dominique, 19; White Dorkings, 2; Colored Dorkings, 6; R. C. Buff Orpingtons, 4; Rose Comb White Orpingtons, 8; Any other variety, 7; Buckeyes, 17; R. C. Brown Leghorns, 15; Rose Comb Buff Leghorns, 5; Blue Leghorns, 11; Silver Leghorns, 3; Black Minorcas, 20; R. C. White Minorcas, 4; Blue Andalusians, 19; Silver Polish, 4; Bearded Golden Polish, 4; Bearded Silver Polish, 17; Buff Laced Polish, 8; Blue Polish, 4; Creve Coeur, 3; Sicilian Buttercups, 8; Golden Penciled Hamburgs, 8; Silver Penciled Hamburgs, 6; Faverolles, 8; Lackenvelders, 4; Black Breasted Red Games, 21; Golden Duckwing Game, 1; Silver Duckwing Games, 4; Red Pyle Games, 2; Dark Cornish, 14; Red Laced Cornish, 8; Black Breasted Red Pit Games, 8; Blue Breasted Pit Games, 2; Pyle Pit Games, 5; Greynic Duckwing Pit Games, 6; Any other variety Pit Games, 6; Erminettes, 2; Red Cap, 4; Pekin Ducks, 13; Rouen Ducks, 8; Call Grey Ducks, 7; Call White Ducks, 4; East Indian Ducks, 6; Muscovy White

Old Drake, 1; Indian Runners, 8; English Penciled Indian Runners, 4; White Indian Runners, 8; Buff Orpington Ducks, 2; White Turkeys, 5; Red Turkeys, 4; Toulouse Geese, 17; Embden Geese, 18; Brown Chinese Geese, 4; White Chinese Geese, 8; B. B. Red Game Bantams, 15; Brown Red Game Bantams, 5; Golden Duckwing Bantams, 7; Silver Duckwing Bantams, 1; Red Pyle Game Bantams, 6; Birchen Game Bantams, 12; White Game Bantams, 4; Black Game Bantams, 2; Any other variety Game Bantams, 5; Silkie Bantams, 4; Golden Seabright Bantams, 5; Silver Seabright Bantams, 6; R. C. Black Bantams, 7; R. C. White Bantams, 6; Booted White Bantams, 8; Buff Cochin Bantams, 6; Partridge Cochin Bantams, 15; White Cochin Bantams, 11; Black Cochin Bantams, 17; Light Brahmas, 9; Japanese Black Tailed Bantams, 10; Japanese Black Bantams, 5; Jap. White Bantams, 2; Japanese any other variety, 1; Polish any variety, 2; Ring Neck Pheasants, 1; Silver Pheasants, 1; Lady Amherst Pheasants, 2; White Guineas, 1; Wood Ducks, 2; Hungarian Partridges, 1; Ring Neck and Mongolian Pheasants, 1; Amherst Pheasants, 1; Reeve's Pheasants, 1; Manchurian Pheasants, 1; Impeyan Pheasants, 1; Peacock Pheasants; Sommerat's Jungle Fowl, 1; Wild Turkeys, 1.

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BLACK LANGSHANS:—Urban Farms,

Pine Ridge, Buffalo, N. Y., 1 cock; 5 hen; 5 cockerel; 1, 3 pullet; 1 pen. **BARRED PLYMOUTH ROCKS:**—Pittsfield Poultry Farm Co., Pittsfield, Mass., 6 cock; 6 hen; 2, 5 cockerel; 3 pullet; 2 pen. **WHITE PLYMOUTH ROCKS:**—Inter,

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Poultry Sales Co., Brown's Mills, N. J., 2, 3 hen; 2, 5 cockerel; 4 pen.

BUFF PLYMOUTH ROCKS:—Sunnyside Poultry Farm, Bristol, Vt., 6 cock; 4 pullet.

PARTRIDGE PLYMOUTH ROCKS:—Paul Klingbell, Walpole, Mass., 1, 5 cock; 1, 3, 4, 5 hen; 4 cockerel; 3 pullet; 4, 5 pen. J. V. R. Bright, Waltham, Mass., 1, 2 cockerel; 1 pullet; 1 pen.

COLUMBIAN PLYMOUTH ROCKS:—Howard M. Munroe, Lexington, Mass., 2, 4 cock; 4, 5 hen; 4, 6 cockerel; 5 pullet; 2, 3 pen.

WHITE WYANDOTTES:—J. W. Andrews, Dighton, Mass., 2, 4, 5 cock; 2, 3 hen; 2 cockerel; 1, 5 pen. John S. Martin, Pt. Dover, Canada, 1, 6 cock; 1, 4, 5 hen; 1, 3, 4 cockerel; 1, 3, 4 pullet; 2, 3 pen.

BUFF WYANDOTTES:—Henry R. Ingalls, Greenville, N. Y., 2, 6 hen; 2, 6 cockerel; 2, 4, 6 pullet; 1 pen.

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S. C. RHODE ISLAND REDS:—White Birch Poultry Farm, Bridgewater, Mass., 6 cock; 2, 6 cockerel. A. S. Bailey, Cobalt, Conn., 2 cock; 1 hen. Lester Tompkins, Concord, Mass., 1, 3 cock; 2, 6 hen; 5 cockerel; 1, 3, 4 pullet; 4 pen. Old Acres, Foxboro, Mass., 1 cockerel; 2 pen.

R. C. RHODE ISLAND REDS:—Lester Tompkins, 5 cock; 3 hen; 2 pullet; 3 pen. White Birch Poultry Farm, 2 hen.

SILVER GREY DORKINGS:—M. R. Jacobus, Ridgefield, N. J., 5 cock; 3 hen.

S. C. BUFF ORPINGTONS:—Hugh A. Rose, Fonthill, Ont., Canada, 3 cock; 1 hen; 5 cockerel; 6 pen. Henry B. Prescott, Andover, Mass., 6 cock; 3 hen; 3, 4 cockerel. H. E. Challis, So. Hadley, Mass., 5 hen; 1 pen.

S. C. BLACK ORPINGTONS:—Hugh A. Rose, 1, 2 cock; 1, 2 hen; 1, 5, 6 cockerel; 1, 2, 3 pullet; 1, 2 pen. Henry B. Prescott, 3 cock; 6 hen.

S. C. WHITE ORPINGTONS:—Hugh A. Rose, 3 hen; 2, 3 cockerel; 1, 3 pullet; 6 pen. Henry B. Prescott, 4 pen.

ANY OTHER VARIETY:—Mrs. H. B. Prescott, 1 cock; 1 hen; 1 pullet.

S. C. WHITE LEGHORNS:—Inter Poultry Sales Co., 3, 5, 6 cock; 2, 4 hen; 5 cockerel; 2, 5 pullet; 1, 4 pen. Dunc Alpin Poultry Farm, E. Hampton, N. Y., 1, 2 cock; 1, 3, 6 hen; 1, 2, 3, 4 cockerel; 1, 3, 6 pullet; 3 pen.

BUFF LEGHORNS:—John I. Taylor, Dedham, Mass., 4 hen; 5 cockerel; 5 pullet.

R. C. BUFF LEGHORNS:—Edw. J. Turner, Springville, Me., 1 hen; 1 cockerel; 1 pullet.

BLACK MINORCAS:—John I. Taylor, 1 cock; 2 hen; 4, 6 cockerel; 3 pullet.

R. C. BLACK MINORCAS:—A. M. Moody, Newburyport, Mass., 5 cock; 6 hen; 2 cockerel.

BLACK SPANISH:—R. A. Rowan, Los Angeles, Calif., 1, 2, 3 cock; 1, 2, 3, 4, 5 hen; 1, 2, 3, 4, 5, 6 cockerel; 1, 2, 3, 4, 5, 6 pullet.

MOTTLED ANCONAS:—Urban Farms, 2 cock; 2 hen; 1 pullet.

SILVER CAMPINES:—M. R. Jacobus, 2, 4, 5 cock; 2, 3, 5, 6 hen; 6 cockerel; 4, 5, 6 pullet; 2 pen. Geo. E. Noeth, Brighton, N. Y., 1, 3 cock; 1, 4 hen; 1, 4, 5 cockerel; 1, 2, 3 pullet; 1 pen. John I. Taylor, 3 cockerel.

GOLDEN CAMPINES:—M. R. Jacobus, 2 cock; 1, 4, 5, 6 hen; 2, 5, 6 cockerel; 4, 5, 6 pullet; 1 pen. Geo. E. Noeth, 1 cock; 2, 3 hen; 1, 3, 4 cockerel; 1, 2, 3 pullet.

PEKIN DUCK:—White Birch Poultry Farm, 1, 2 old drake; 1, 2 old duck; 1, 2 young drake; 1, 2 young duck.

ROUEN DUCK:—White Birch Poultry Farm, 1, 2 old drake; 1, 2 young drake; 1, 2, 3 young duck.

ENGLISH PENCILLED INDIAN RUNNER:—Mrs. Andrew Brooks, Auburn, N. Y., 1 young drake; 1 young duck.

BRONZE TURKEY:—Henry B. Prescott, 3 cock; 1 hen.

WHITE CHINESE GOOSE:—Mrs. W. T. Masten, Pleasant Valley, N. Y., 1, 2 old.

WHITE CHINESE GANDER:—Mrs. W. T. Masten, 1, 2 young gander; 1, 2 young goose.

JAPANESE BLACK TAILED BANTAMS:—Urban Farms, 1 cock; 3, 4 hen; 2 cockerel; 1, 2 pullet.

AMERICAN CAMPINE CLUB

During the past year the American Campine Club has increased nearly 180 per cent. in membership. At the meeting of the club held at New York one year ago the club had a membership of 96 members, at the present time the membership is 268 or an increase of 174 members.

It is the secretary's wish and belief

that before the next annual meeting the total will be increased to at least 1000 members. M. R. Jacobus, Secretary and Treasurer.

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Absolutely Pure

Experiments were successfully made in England in 1909, 1910 and 1911 to stimulate egg production, increase vigor and fertility of fowls by the use of mustard. Send us your name and address and we will send you free of charge a copy of a pamphlet as edited by Mr. Ralph Allen, of Herts, England, the conductor of the experiments. The book contains a full account of the experiments extending over the years named, together with a number of testimonials of prominent American users of French's Poultry Mustard.

French's Poultry Mustard is an actual improvement upon the mustard used in England during these experiments. One teaspoonful of French's Poultry Mustard for every six fowls is the right amount. Mix it with the dry meal first and then add water until in a crumbly consistency. (Can also be used in dry mash feeding.) French's Poultry Mustard can be obtained of any dealer for 20c. per pound in 6 and 10-pound boxes, 25-pound kegs, or a sample package of 1½ pound, can be had for 35c. If your dealer does not have it, write the

R. T. FRENCH COMPANY,

Mustard Makers

Dept. B,

ROCHESTER, N. Y.

KLINGBEIL'S PARTRIDGE ROCKS

AT BOSTON, 1913

Win 1st cock, 1st, 3rd, 4th, 5th hen, 4th cockerel, 3rd pullet, 4th, 5th pen and *best display*. *Club Specials* for cock, hen and best display. *Specials* for best shape and color females. *Silver Cup* for best Penciled Partridge Plymouth Rock Hen. Eggs and Stock for sale. Descriptive Catalogue free.

PAUL KLINGBEIL,

WALPOLE, MASS.

Pleasant View Fruit and Poultry Farm

WHITE ORPINGTONS

Superb Type and Superior Quality

My First Show 1912, TEXAS STATE FAIR—First, Second and Fourth Cock, First, Second and Fifth Hen, First, Second and Third Cockerel, First, Second, Third and Fourth Pullet.

Won at ST. LOUIS, 4 Cock, 2 Cockerel, 1, 2, 4 Hen, 1, 4 Pullet, 1 Pen and Several Specials.

My birds are absolutely white, of that deep bodied type, low down on legs, up to weight and I know that I can please you. The last time I showed at Madison Square Garden, 1911, I again controlled the winning male birds. My winnings included first cock, third hen, fifth pen and the cockerel heading the first pen. The winning cock is, without doubt, the greatest White Orpington in the world, having defeated the Crystal Palace Champion and all the great cocks of America. These great birds, together with my other prize winners place *Russell Cave White Orpingtons* far in the lead. Both at Allentown and Augusta, two shows

I made last year, I won at each the cup to that exhibitor whose ten or more birds of one variety showed the highest degree of excellence and uniformity of type and breeding. This record of winning in two of the most important shows in this country the cup for the ten best birds has never been equalled by any other breeder in America.

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 the blue grass range, 100 acres in Russell Cave Poultry Yards and 8,000 acres in Elmendorf Farm. We still have a few more cockerels, pullets and hens at bargain prices. EGGS from the greatest of all matings—\$5.00, \$10.00 and \$20.00.

RUSSELL CAVE POULTRY YARDS,
Elmendorf Stock Farm

Route No. 3,

P. O. Box 2025,

LEXINGTON, KENTUCKY
Louis Lee Haggin, Prop.

IMPRESSIONS OF THE EGG LAYING CONTESTS

By O. Wilson

(Continued from page 277)

White Leghorns and S. C. Buff Orpingtons for the feeding test that is being conducted, there are sixty pens entered. Of this number forty-five are general purpose fowls, but at the end of six weeks some eggs have been produced by all the pens entered. The difference in the arrangement by variety may be taken as a fair indication of a preponderance of general purpose breeders in the middle west.

INFLUENCE OF CLIMATE AND MARKETS ON EGG TYPES

No criticism is offered for this appearance further than it is thus made to appear that the breeders of the egg type in that country have not the confidence of their eastern brothers who are breeding similar types. Climates and markets also figure into this matter for the egg types are a large combed, closely feathered tribe that can not devote so much of their blood to a high egg-production during severe weather. This difference may be better observed from the tests made at Storrs during January, 1912, while the thermometer registered about eight degrees less than nothing at all. At this test the Orpingtons showed a body heat of 106, the Plymouth Rocks 105 and the Leghorns 102. These tests were made while the birds were on the roosts, and although we have no records as yet to show that similar tests were made during the hours when the birds were active, it is to be supposed that the activity of the lighter breeds made up the difference during the day.

Just why the biggest of our eastern

markets demands a white egg in preference to the richly tinted or brown egg has never been completely explained, but it is safe to assume that while such an advantage is open to that particular kind of an egg, the birds that can produce them are surely going to be in high favor with those who have access to that market.

Be that as it may, the inland breeders, it appears, are going to be afforded some pleasant reflections when the total scores are recorded at Mountain Grove, for with all varieties laying within two weeks of the contest at that plant, a high score for the 600 contestants for special honors and the 100 individuals that are being used in

HERE IT IS FOR \$4.00



A GREAT BIG HAND GRINDER

that will save its cost several times a year and will furnish one to two bushels per hour of fresh ground corn, oats, peas, dry bone, oyster shells, nut shells, dry stale bread, etc., for poultry feed, or will grind table meal for family use.

A child can operate it. Thousands sold annually. Shipping weight 40 lbs. We also build a full line of Power Feed Mills, Samson Wind Mills, Gasoline Engines. Ask for catalogs, stating line in which you are interested.

Stover Mfg. Co., 321 Plymouth St., FREEPORT, ILL.

Golden and Silver Campines

A lot of cockerels for sale. Positively no females. Orders for Eggs booked now, \$10 per 15. We guarantee 10 chicks to a setting, if they do not hatch we send more eggs free to make that number.

Aug. D. Arnold,

Box D,

Dillsburg, Pa.

The Orange County Poultry House

Represents the modern idea of "efficiency" and "Scientific management" in poultry house construction.

"Let your head save your heels" is the slogan of

"Mapes the Hen Man"

It is a combination brooding and laying house. Just what you want for 100 hens or for 10,000. Descriptive Catalogue and Price List ready about February 15th. Sent on application.

If you are dissatisfied with present day restrictions or present day profits of milk production, investigate this modern plan of egg production.

O. W. Mapes,

Box W,

Middletown, N. Y.



FIRST PARTRIDGE WYANDOTTE PULLET
BOSTON - January, 1912

Bred & Owned by SHEFFIELD FARM, Glendale, Ohio

"PREMIER"

Partridge Wyandottes

FOR UTILITY AND BEAUTY

Partridge Wyandottes are the **great utility** birds of the day, and on account of their superior merit are rapidly displacing the older breeds. As to the **fancy quality** of "Premier" Partridge Wyandottes, at the big shows last season we won fifty-one first prizes out of a possible sixty three, and this season, to date, we have won **49 firsts out of a possible 52**, a record never equalled by any breeder. Our birds have won at New York, Boston, Chicago, Buffalo, Syracuse, Hagerstown, Allentown, Columbus, Indianapolis, Springfield and Brocton.

Eggs for Hatching. Breeding Stock. Excellent values in \$5 and \$10 birds.

Send for your copy of "The Partridge Wyandotte Book."

Sheffield Farm,

H. B. Hark, Manager Poultry Dept., Glendale, Ohio

the feeding tests is exceedingly probable, and the possibility that the Connecticut entries may have to take off their hats to these producers when an individual average is obtained may not be a bad guess.

METHODS USED IN FEEDING TESTS

In the feeding tests ten methods are being used. The test pens are composed of ten layers each and five of these pens were selected from well developed Buff Orpington pullets of as near the same age and breeding as was practicable and five pens of W. Leghorns, each of the latter pens containing eight pullets and two hens. Just why the hens were introduced will probably be explained in due time and the results from the various methods used in feeding these pens may be the basis of much good at some future writing.

It is to be hoped that Mr. Quisenberry will see fit to continue his experiments on the same rations for a few more years that he is now feeding in these tests, but applied to the same varieties included at the present on a reversed basis, so that, although we may never be able to see the realization of our suggestion that the A. P. A. co-operate with the feed committees at the various contests by suggesting or proposing a succession of feeding formulas, we may at least be able to realize on the experiments of some one of them to our future advantage.

SUNSWICK POULTRY FARM

The Sunswick Poultry Farm, South Plainfield, N. J., Rufus Delafield, owner, who recently disposed of all their White and Black Orpingtons and decided to specialize on S. C. Buffs, have made a great record at the leading fall and winter shows with the latter variety. At the great Allentown Fair they won 2d cock, 1st hen, 1st cockerel, 2d pen. Next in line came Atlanta, Ga., and a grand class of Orpingtons were on exhibition. Here they won 2-5 cock, 1st cockerel, 2-3 hen and silver cup for the second consecutive season for best Buff Orpington cockerel. The next show of importance was the great Chicago show, in December, where they carried off four first prizes on their Buff Orpingtons and Ducks. The first prize Buff Orpington hen at this show was the occasion of much comment and admiration by Buff fanciers and well she might be as she was awarded the championship sweepstake special. Nine more prizes were added to their already large list at Baltimore, Md., in January, as follows:—4th cock, 1-3-5 hen, 1-2-3 cockerel, 2d pen, club special for best two males and four females in the show.

These winners with many other birds of equal merit are now in their breeding pens and are ready to supply hatching eggs and baby chicks. To avoid disappointment, orders should be sent early with full instructions as to when to ship.

BIG SALE OF WHITE WYANDOTTES

We are in receipt of advice from John S. Martin, Port Dover, Ontario, Can., originator of the noted "Regal Strain" White Wyandotte, that he has just sold to Geo. Peabody, Williamstown, Mass., two hundred twenty-five females and twenty-five males and that the purchaser has received the birds in fine condition. Mr. Martin further states that he is preparing a shipment to go to Pretoria, South Africa. The Regal Strain White Wyandottes are one of the best known strains of standard-bred fowl in the world and they may be found in fanciers' yards in almost every country of the world.

Kan-U-Beat It?

Our S. C. Buff Leghorns won at Brunswick, Me., in hot competition, 1st cock, 2nd hen, 1st cockerel, 2nd pullet, 3rd pen and display and 5 specials on 5 entries. A few fine breeding cockerels at bargain prices. Satisfaction Guaranteed.

HILL CREST FARM

Box 86,

NORTH GORHAM, MAINE

MICHENER'S BLUE RIBBON STRAIN BUFF PLYMOUTH ROCKS

Again win the State Cup for best Cock, Hen, Cockerel and Pullet. Won the same week at Chicago, Ill., 3rd cockerel and 4th hen. Have 25 cockerels yet at \$3.00 to \$20.00 each, sent on approval.

KARL MICHENER, Life Member A. P. A., Member Buff Rock Club, ORRVILLE, OHIO

SINGLE COMB REDS

High-class matings—Superb in shape and color. My Madison Square, Philadelphia, Hagerstown and Camden winners in my pens. Catalogue.

EGGS \$2.00, \$5.00, \$10.00 per 15. CHICKS \$18.00 per 100.

Special Matings—Chicks 50 cents and \$1.00 each. Eggs \$10.00 per 100.

J. H. CROSSLEY & SON,

Box 177,

MAGNOLIA, N. J.

WHITE WYANDOTTES

Winners at Philadelphia, 1911-12.

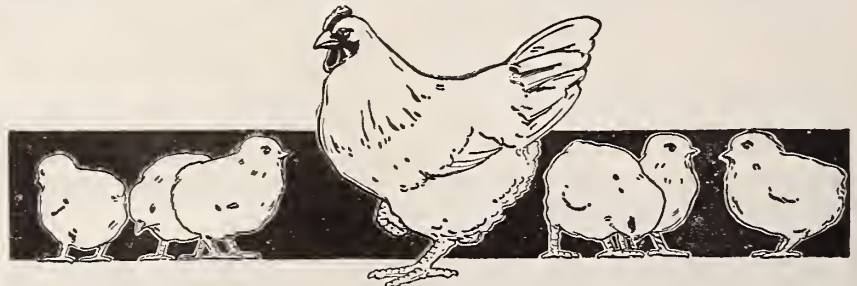
Two years in succession they won the blue at this great show in competition with the leading breeders of the east. Have a number of cockerels bred from the same matings that contain my Philadelphia winners that I will sell at reasonable prices. When in need of stock write me your wants and let me quote you prices. 1913 matings will contain the winners.

Eggs \$3.00 per setting, two settings \$5.00.

Eggs from grand champion matings headed by first Philadelphia cock and second cockerel 50 cents each. Satisfaction guaranteed. Catalogue and mating list ready February 15th.

A. J. SAVACOO, Box W,

CORNWELLS, Maud P. O., Bucks Co., PA.



It's Steam-Cooked—That's Why

Poultry raisers often wonder at the eager way chicks take to H-O Steam-Cooked Chick Feed, and turn it into bone, flesh and feathers.

H-O Steam-Cooked Chick Feed

digests with such remarkable ease because it's *steam-cooked* by a special process.

This food is a carefully prepared mixture of Corn, Cut Oatmeal, Cracked Wheat, Kaffir Corn, Peas and Millet.

Try it and you'll swear by it.

Sold only in 10-lb., 25-lb., 50-lb., and 100-lb. bags. Each bag bears a tag showing the guaranteed analysis.

If you cannot get H-O Steam-Cooked Chick Feed, Intermediate Scratch, Scratch Feed, Poultry Feed, Dry Poultry Mash or Chick Feed from your dealer, write for samples and prices.

JOHN J. CAMPBELL
General Sales Agent
HARTFORD, CONN.

The H-O Company Mills
Buffalo, N. Y.

ROSE'S ORPINGTONS WIN EVERYWHERE

Following up their great record of wins at Madison Square Garden, 1911, of 1st cock, 1st and 3rd hen, 2, 3 and 6 cockerel, 1 pullet, 2nd pen and \$25.00 gold special for best display of Black Orpingtons, Canadian National Exhibition, Toronto, New York State Fair, Syracuse, Allentown, Pa., and Hagerstown, Md., with a sensational performance of winning 18 out of 21 possible first prizes at the four last named great shows this autumn, the famous Black Orpingtons of Major Hugh A. Rose, Fonthill, Ontario, Canada, have set up another mark of their excellence of quality.

With the Madison Square Garden and Baltimore Shows coming on the same dates, Major Rose split his string of Blacks, sending one team to Baltimore, winning 1 cock, 3 and 5 hen, 1 and 2 cockerel, 1 and 2 pullet, 2 pen, special best display, gold special two best males and four females, and grand special best bird in English classes, while the other team at Madison Square Garden won 2 cock, 4 hen, 2 cockerel, 4 pullet, 2 pen. At the Garden show, many notable sales were made by Major Rose, including the sale of his second prize cockerel for \$200.00.

The next week with his two teams of Blacks coming together at the Great Boston Show, he succeeded in landing 1, 2 cock, 1, 2 hen, 1, 5, 6 cockerel, 1, 2, 3 pullet, 1, 2 pen, special best display, special best three cockerels and three pullets, special best two pens. At the Madison Square Garden show in Bufts he won 2 hen, 3 cockerel, 1 pullet, 4 pen, and at Boston, 3 cock, 1 hen, 5 cockerel, 6 pen.

Business has never been so brisk as at present time at his Orpington Farm, and he still has many high class specimens to dispose of at moderate prices. Egg orders are now being booked, and will be filled in strict rotation. His catalogue describing the matings for the coming season, and his method of doing business, is free for the asking; be sure to write for one of these attractive catalogues.

Major Rose desires us to state that he pays the duty on all birds sold by him to customers in the United States, and also that there is no duty on eggs shipped from Canada to this Country.

E. H. Lichtenwalter's Buff Rocks again proved that they are one of the leading strains in America. At the Cleveland Fanciers' Club Show, January 20 to 25th, they again got the lion's share of blues by winning 1-2 cock, 1-2 hen, 2-4-5 pullet, 5 cockerel, 1 pen, in one of the best classes shown this season in the west.

Mrs. D. E. Parson, Avon Lake, Ohio, breeder of S. C. White Orpingtons and Rose Comb Reds, is one of our coming lady exhibitors and breeders. The stock shown by her the past season proves her ability as an expert breeder. Parson's Farms winnings at Toledo, O., were: S. C. White Orpingtons—1-4 cock, 1-3 hen, 1-2 cockerel, 2-4 pullet, Reds—2nd cock; at Cleveland, O. R. C. Reds, 2nd cock, S. C. White Orpingtons, 3rd cock and 3rd hen. Their second cock in Rose Comb Reds being a bird of very good headpoints, with a strong eye; also very even color. Their White Orpingtons have grand shape and color.

*** Twenty-five cents will secure for you a copy of "Reliable Poultry Remedies." Tells you symptoms of diseases and how to treat sick fowls ***

*** How to feed and care for baby chicks is told in a comprehensive manner in the "Chick Book." Fifty cents secures a copy ***

J. F. BURLEIGH, Box 93, Breeder of Exhibition **Rose Comb Rhode Island Reds.** At the Grand Central Palace Show, New York City, held December 3, 7, 1912, also the meeting of the New York State Branch of the Rhode Island Red Club of America, I won on three entries, second exhibition pen in a class of thirteen, second pullet in a class of twenty-seven in the strongest class of Rose Combs ever shown. Stock for sale, eggs in season. Mating list on application.

ENGLISH PENCILED (Cumberland) RUNNERS

Hatching Eggs from pens in which are my Philadelphia and Madison Square Garden FIRST prize and CUP winners. Heavy Laying Barred Rocks of great value. They make great records for my customers.

MRS. ANDREW BROOKS, Brookhaven Farm, Box W, AUBURN, N. Y.

Lisk's White Wyandottes

I am not showing this season but my birds are winning as usual for my customers at our best shows. I am mating up my pens early for our mutual benefit with the best birds I ever bred. The birds not having been exhibited the eggs are extra strong and fertile. *Lisk's* Strain is bred to lay as well as win, one customer reports a bird laying 54 eggs without a skip. *Get in line for the best White Wyandottes now, you will sometime.* Eggs guaranteed from my best pens the same as I am hatched from, \$5.00 per 15, \$12.00 per 45, \$24.00 per hundred.

FRED C. LISK, Box L, ROMULUS, N. Y.

Only Live Chicks Count

It is not the number of chicks hatched, but the number raised, that makes a poultry farm profitable. Chicks trampled to death or smothered in the brooding represent loss.

International**SANITARY HOVER**

The only hover that is warmer near the curtain than at the center. This, by causing the chicks to distribute themselves near the edge of the curtain, prevents crowding and assures plenty of fresh air.

The Sanitary Hover can be picked up and carried around with ease and used anywhere. No carpenter work is required to set it up. It is fireproof, unbreakable, absolutely reliable.

More sales are being made of Sanitary Hovers than of any other two makes combined. Sixty per cent. of the Sanitary Hovers sold are replacing other brooding devices. If you are going to raise chicks this spring, you owe to them to investigate the results achieved with the Sanitary Hover.

Indorsed by Kellerstrass, Owen Farms, Wm. Cook & Sons, and America's leading poultrymen generally. The concerns named are breeders of the highest priced birds in the country. Every chick entrusted to a hover by them represents from \$10 to \$100 in value. They use the Sanitary Hover because they know it can be depended on.

Write for booklet containing a full description of the one perfect brooding device—the Sanitary Hover.

INTERNATIONAL POULTRY SALES CO.,
Box 611, Brown's Mills, N. J.

Now as the hatching season is beginning and you surely want to buy the best stock that you can get for the money, we will quote you a few of our winnings in four state fairs in competition with the large Eastern breeders.

IN THE S. C. BUFF ORPINGTON CLASS

At the Nashville State Fair we won 1st hen, 2nd cock, 2nd pullet, 3rd and 4th cockerel, 3rd and 5th pen, 5th cock. Also a special premium on the hen for being the best hen in the fair. At the Alabama State Fair we won 1st cockerel, 2nd cock, 2nd hen and 2nd pullet. At the Mississippi State Fair, one of the largest ever held in Jackson, 1st cock, 1st hen, 1st and 3rd cockerel. At the Louisiana State Fair we won 2nd cock, 3rd hen, 3rd cockerel. We have the nicest lot of S. C. Black Orpingtons which were not exhibited this year.

IN THE S. C. BLACK MINORCA CLASS

At the Alabama State Fair we won 1st, 2nd and 4th cockerel, 1st, 2nd, 3rd, 4th and 5th pullet, 1st and 2nd cock, 2nd, 3rd and 4th hen, 1st and 2nd pen. Also a premium for best display of Asiatics. At the Mississippi State Fair we won 1st, 2nd and 3rd cockerel, 2nd and 4th pullet, 2nd hen, 3rd cock, 1st pen. At Louisiana State Fair, 1st and 2nd cock, 1st, 2nd and 3rd cockerel, 1st, 2nd, 4th and 5th pullet, 2nd hen, 1st and 2nd pen. This should be evidence that we have stock or eggs that you are looking for. We have the largest and best equipped poultry farm in the South. You do not have to go East for eggs for hatching season, taking chances on the climate when you can get them just as good for possibly less money. All our stock are free range. They are up to the Standard in weight, type and color. Correspondence solicited. Day Old Chicks only when ordered.

KENMORE POULTRY FARM,

Maxey Lane and Gallatin Pike NASHVILLE, TENN.



A beautiful pen of White Plymouth Rocks caught by the camera man in a characteristic pose. These birds not only show an abundance of vigor but also fine standard qualities, two things that have made "The Best in the World" strain of White Plymouth Rocks popular in all sections of the country. Hundreds of birds showing the characteristics of the above group may be found at the farm of U. R. Fishel, Hope, Ind.

"PROFITABLE POULTRY AND EGG PRODUCTION"

A NEW PUBLICATION THAT SHOULD BE IN THE HANDS OF EVERY POULTRY KEEPER. DESCRIBES METHODS TO ESTABLISH PROLIFIC EGG YIELDING FLOCKS. HOW TO CONDUCT SMALL SCALE POULTRY KEEPING ON A PRACTICAL BASIS. A 244-PAGE BOOK CAN BE OBTAINED FOR A POSTAL CARD

BY WILLIAM C. DENNY, Associate Editor

"Profitable Poultry and Egg Production" is the title of the latest publication issued by the Cyphers Incubator Co. No. poultry keeper who is looking for greater success and larger profits can afford to be without this splendid book in their poultry library. The following titles of chapters suggest the scope and the value of this book:

- 1—"What is Possible in Poultry Meat Production."
- 2—"What Can be Done in the Way of Egg Production."
- 3—"Deep-Litter Feeding Experiments of 1912."
- 4—"Quick Maturity in General Purpose Fowl."
- 5—"Ages and Weight of Chickens for Table Use."
- 6—"How to Establish Prolific Egg Yield Flocks."
- 7—"Today's Best Chance in the Poultry Business."
- 8—"Small Scale Poultry Keeping on a Practical Basis."

How many readers have thought it possible for a single hen to produce from fifteen hundred to two thousand pounds of table poultry within a year? Chapter one of "Profitable Poultry and Egg Production" outlines plans that make this feat possible.

Again, think of a three pound Leghorn hen laying ten times her weight in eggs during 365 days. This is not an impossibility. It is being done on the Cyphers Demonstration Farm, where they have a hen that produced 288 eggs in 365 days. "Profitable Poultry and Egg Production" will tell you how this has been accomplished.

The other chapters in this book are equally helpful and will prove a mine of information for the beginner and a source of inspiration to the experienced poultryman.

Perhaps the most remarkable article is the annual letter by Grant M. Curtis, President of the Cyphers Incubator Co., in which he outlines the objects of the book, which Mr. Curtis states are as follows: "Every year we do our best to have this annual catalogue and guide prove to be a book of such PRACTICAL VALUE that thousands of earnest and thrifty poultry keepers will find it to their advantage to KEEP and READ and STUDY it."

Mr. Curtis' letter also tells of the uses and objects of the newly established Parcels Post as a means of bringing the producer and consumer

of poultry products in direct touch with one another.

He describes quick maturity, prolific egg yield and attractive appearance as three money making qualities that every poultry keeper who is after profit should understand and seek to secure in his flock.

Six avenues of needless waste that are profit killers are named by Mr. Curtis, as follows: The poor layer, killing the laying hen, the hatching of late pullets, the selling of early pullets, disposing of stock without properly fattening and finishing same and the neglect to improve Standard qualities.

Comparison is made of the development and magnitude of the poultry

industry of the country, which, according to the United States census, has increased from \$280,686,429.00 in 1900 to \$850,000,000.00 for the year ending June 30th, 1910.

The Cyphers Incubator Co. is the

POTTER PORTABLE

*FRESH AIR
NO YARD
SANITARY*

\$22-POULTRY HOUSE



This House—7 feet high, 6 feet wide, 8 feet deep—a fine one for 25 hens. Just right for the back yard or vacant lot. Hens will lay the year "round" in a Potter fresh-air house. High-grade material and workmanship guaranteed. Made of inch red cypress flooring; painted two coats, complete with Potter V. E. roosts, dropboard, nests, feedhopper, fountain, etc. You could not build this house for \$25.00. Buy our factory made houses and save money. 2 Big Catalogues (132 pages and over 150 illustrations) showing Potter Portable Houses, coops, hoppers, roosting and nesting fixtures in all styles and sizes. You need Potter goods. They are made right and sell at right prices. Our catalogue mailed for two red stamps to cover postage. Write today. Potter & Co., Box E 16, Downers Grove, Ill.

QUALITY SILVER LACED WYANDOTTES

Maintain their superiority by winning 1st cock, 1st hen, 1st cockerel, 1st pullet and 3rd pen at Madison Square Garden.

LeROY W. SEIGFRIED,

Route B,

WATERLOO, N. Y.

215

EGGS

AYEAR

A flock of 31 Pullets grown from our Chicks averaged 215 Eggs a year in the hands of a customer—an amateur.

MOUNT PLEASANT FARM

SINGLE COMB WHITE LEGHORNS

BRED-TO-LAY

DAY OLD CHICKS

EGGS FOR HATCHING

500 COCKERELS 2⁰⁰EACH

We Guarantee Safe Delivery
Day Old Chicks

We Replace all Infertile Eggs

MOUNT PLEASANT FARM
MT POCONO PA

READ
OUR NEW
BOOKLET
FREE

POLEY'S WORLD'S BEST BUFF ROCKS

Great Victory at Madison Square Garden, N. Y., January, 1913—Winning 4 firsts, 2 seconds, 1 third, 2 fifths and all shape and color specials, and as many points as all of our competitors combined for best display, in the largest class of Buff Rocks ever shown at the Garden and our winning birds were claimed to be the finest ever shown at the Garden. Send for our mating list and catalogue and get prices on Stock, Eggs and Baby Chicks.

LINFIELD POULTRY FARM, John W. Poley,

Box W,

LINFIELD, PA.



A scene at the home of D. V. G. Curtis, Ballston Spa, N. Y., specialty breeder of Columbian Wyandottes. The high quality of Mr. Curtis' birds is demonstrated by his recent winnings.

largest concern of its kind in the world. It manufactures and offers for sale fire-proof insurable incubators that may be heated by oil, gas, electricity or coal, and a full line of brooders, poultry foods, poultry supplies and laboratory products, over 100 in number. It has branch offices in New York City, Chicago, Ill., Boston, Mass., Kansas City, Mo., Oakland, Calif., and London, England. The total sales are more than a million dollars per year.

In addition to its large factories at Buffalo, N. Y., it has a poultry food mill at Chicago that has been erected and fitted by them at a cost of \$140,000.00. It is the largest mill in the world devoted exclusively to the manufacturing of poultry foods, having a storage capacity of 60,000 bushels. It has an output of 20 cars of poultry food every 24 hours.

At Elma, N. Y., the company has established a demonstration and experimental farm. Here every device that is manufactured or offered for sale by the company is given a practical test to determine its usefulness before being offered to the public. The Cyphers Poultry Farm is said to be the best equipped and largest all-purpose poultry plant in existence. It consists of 50 acres and \$75,000.00 has been invested in the land, houses, equipment and stock.

In addition to the numerous and valuable articles on poultry keeping contained in "Profitable Poultry and Egg Production", it pictures and describes the Cyphers Company factories, offices, demonstration plant, and

the full line of goods manufactured and sold by them. It not only shows the material used and the numerous steps in the various stages of manufacture of the different articles, but



ANDREWS' WHITE WYANDOTTES

Boston Winners Again 1913.

In Strongest Competition Ever Known

First Pen, 2nd, 4th, 5th Cock, 2nd, 3rd Hen, 2nd Cockerel. Remember I hold the world's record of winning at Boston every year for the past 16 years. Six First Pens in the last seven years, 3 first Cockerels in last four years, 4 second Cockerels in the last four years, A few grand breeding males left that will do you good. Send for mating list showing winners. Eggs from finest matings ever bred, \$10 per 15, \$18 per 30, \$25 per 45. Book early.

J. W. ANDREWS,

Box W,

DIGHTON, MASS.

"BABY CHIX and HATCHING EGGS

S. C. Rhode Island Reds

S. C. White Leghorns

Silver Penciled Rocks

Winners of 1000 Prizes and Ribbons

OAKLANDS POULTRY FARM R. F. D. No. 3 TRENTON JUNCTION, N. J.

Fiske's White Leghorns

Were the talk of Madison Square Garden where they won 2, 7, 8 on Cocks, 3, 8 on Hens, 4, 5, 8 on Cockerels, 2, 4, 6, 7 on Pullets and 1st and 4th on Pens, our 1st Pen winning over the 1st Madison Square Garden pen of last year and the 1st pen at the New York Palace Show this year. Send for mating list, also a few males for sale.

Skylands Farm, Harlo J. Fiske, Mgr., Sterlington, N. Y.

tells how their goods have found favor with prominent and successful poultrymen all over the world.

"Cyphers Company Service" is the company's slogan. It includes the company's free bulletins and free-



THE "SIGNET" ALUMINUM LEG BAND
The Band That Stays On
PRICE—12-15c., 25-20c., 50-35c., 100-60c. Stamp for sample.
W. J. BALL. SALEM, OHIO

CAPON TOOLS



CAPONS bring the largest profits—100 per cent more than other poultry. Caponizing is easy and soon learned. Progressive poultrymen use

PILLING CAPONIZING SETS

Postpaid \$2.50 per set with free instructions. The convenient, durable, ready-for-use kind. Best material. We also make Poultry Marker 25c., Gape Worm Extractor 25c., French Killing Knife 60c., Capon Book Free.
G. F. Pilling & Son Co., Philadelphia, Pa.

personal letter service. This service was established to meet the demand of customers, and prospective customers, for definite and trustworthy advice and information, and to furnish means of passing to customers the result of important experiments at the Cyphers Experimental Poultry Farm. To date 24 bulletins on important subjects connected with poultry culture have been completed. A complete set of these bulletins are offered to Cyphers Company customers, but any person interested in poultry keeping may select any two or three bulletins from the list which appears in "Profitable Poultry and Egg Production" and they will be furnished without any charge.

The Cyphers Company's personal letter service is open to anyone, anywhere who desires to write for reliable poultry information or practical advice. It is in charge of experienced and practical poultrymen who understand fully in regard to the poultry industry and who are capable of solving perplexing problems that confront the average poultry keeper.

A year ago the Cyphers Co. offered one thousand dollars in cash in the form of eighty-three prizes to poultry raisers who would furnish the best and most helpful reports of their individual successes in raising poultry for profit. This contest is to be repeated this year and will close August 31st, 1914.

"Profitable Poultry and Egg Production" contains 244 pages and weighs a pound. An edition of 200,000 copies has been printed. It required more than six car-loads, each containing 30,000 pounds of paper stock, to publish this great book, which, including postage of eight cents, cost the Cyphers Incubator Co. 24 cents each, yet every reader of AMERICAN POULTRY WORLD is welcome to a copy without any expense or trouble except the asking. We recommend that every reader of A. P. W. send for a copy of this valuable treatise and catalogue on poultry culture. It does not obligate you to purchase and should be worth dollars in the way of furnishing valuable information that can not be purchased in any other single publication. A postal card will bring you a copy. Address the Cyphers, Incubator Co., Department 31, Buffalo, N. Y.

R. D. SLY'S HAMBURGERS

The Hamburgs have been called everlasting layers. The Silver Spangled Hamburgs bred by R. D. Sly, West Clarksville, Ohio, are no exception to this rule. They not only rank high as egg producers but are among the top-notchers where exhibition quality is considered and their show record stands second to no other strain of Silver Spangled Hamburgs in the country today. It would require a great deal of space to enumerate the long list of prizes won by them during the past few years, therefore we will content ourselves by noting some of their latest achievements, namely at Toledo, Ohio, and Chicago, Ill. At the former place in what was said to be the largest class of Hamburgs ever exhibited in America outside of Boston, Mass., they won as follows:—1st pen, 1-3 cocks, 1-2 hens, 5th cockerel, 3-5 pullet, silver cup for best display and color and shape specials on both males and females. At Chicago, in December, they won 1st cock, 5th hen, 1-2 cockerel, 1-2 pullets, championship male; also other valuable specials.

HIGH-CLASS SEEDS INDISPENSABLE IN GROWING GREAT CROPS

The quality of the seed planted means success or failure to the planter. The higher and purer the quality of seeds are, the greater and better the results will be.

When purchasing seeds patronize seedsmen that have established a reputation for fair dealing and whose business increases year after year. Such a firm is the L. L. Olds Seed Company, Madison, Wisc., whose new catalog for 1913 is one of the most satisfactory seed catalogs we have ever read. It is full of clean cut descriptions of vegetables and flowers, accompanied by truthful illustrations made from photographs of hundreds of varieties of grains and plants grown on their experimental farms.

Last year the total business done by this firm was \$357,000, an increase of 45 per cent. over 1911. L. L. Olds Seed

Company sold last year 34,000 bushels seed potatoes, 12,000 bushels seed corn, 15,000 of oats, 10,000 of barley, 180,000 pounds of Montana grown Alfalfa, 300,000 pounds of millet seed, 340,000 pounds of clover seed and 170,000 pounds of timothy to satisfied customers. For 1913 they are better prepared for business than ever before, as crops were generally abundant last season and prices are lower. Readers of AMERICAN POULTRY WORLD, who are in need of high-class seeds and supplies should send to the L. L. Olds Seed Company, Madison, Wis., for their new 1913 catalog at once, as the demand for seeds and plants of high-class is always great, so that early orders are advisable.

*** Have you a copy of "Poultry Houses and Fixtures?" Don't attempt to build until you procure a copy. We send it postage paid for fifty cents ***

LEROY SANDS' S. C. WHITE LEGHORNS

Baby Chicks and Hatching Eggs from large size heavy laying quality birds. The money making kind. They are bred that way. Orders booked now. LEROY SANDS, Successor to Sands & Beilman, Box W, HAWLEY, PA.

TOOL CHEST FREE I want to send you this fine, large TOOL CHEST. Send no money, but WRITE me TODAY.



Strong Chest
Finest Tools
Given Away.
Every Boy
and Man
Wants One.
Quality
Guaranteed.

This is a splendid premium for any boy or young man and, in fact, it is a very convenient set of tools to have in the house. The chest itself, is well made of oak and steel. It is 21 3/4 inches long, 10 1/4 inches wide and 7 3/4 inches high; moulded cover and base; polished wax, dark mission finish. Polished brass finish heavy lock and key, and heavy screw-plate end handles. Two-compartment basswood tray. Contents: Skew-tack saw, brace, half hatchet, adze-eye hammer, box-opener chisel, screw driver, iron plane—7 1/2 inch, auger, bit, German gimlet bit, gas-burner pliers, level—brass-bound, 5-inch; 20-inch folding spring-jointed rule, handled bradawl, milled nail set, 6-inch steel try square, taper file with handle and socket chisel.

Any Boy or Man may have one of these dandy chests by my very easy plan

You will be agreeably surprised to know how easily you can earn one of these highest quality tool chests by the splendid plan which I will gladly explain to you. I will help you to earn this chest of fine tools and my plan makes it so easy there is no reason for any boy going without one of them if he really wants it.

SEND COUPON TODAY

FREE TOOL CHEST COUPON

E. T. MEREDITH, Des Moines, Iowa. A. P. W. Please send me by return mail full information about your easy plan by which I may have a free tool chest like the one shown in your advertisement. Send me free outfit and tell me how you are going to help me. I am in earnest.

Name

P. O.

P. F. D. State

E. T. Meredith, Publisher
Successful Farming, Des Moines, Iowa

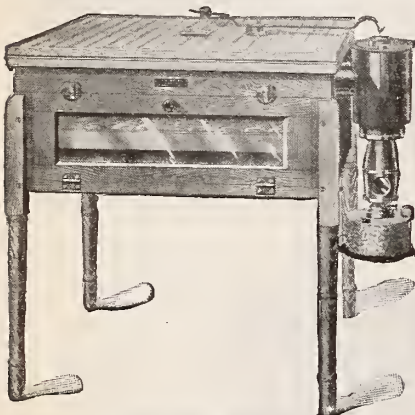
**THE PERFECTED INCUBATORS
BUILT BY "THE MAN
WHO KNOWS"**

An incubator is an incubator—but there's a big lot of difference in the results given. The difference lies in the way the incubator is made, and the knowledge of the man who does the building.

This is an age of specialists. You naturally expect a man who knows chickens, who has studied them and their development all his life, to know more about hatching than the man who merely makes incubators to sell. A surgeon wouldn't touch an instrument made by a man who knew nothing about surgery. The instrument maker is a specialist, just as much as the surgeon.

The incubator maker must have a complete knowledge of chickens, their organisms, their habits, their natures, if he is going to make the right incubator for you.

That explains the remarkable success of the Ideal Incubators and Brooders



120-Egg Ideal Hatcher.

built by J. W. Miller, poultry expert and incubator man, of Rockford, Illinois.

A few minutes talk with Mr. Miller would convince any poultryman that here is a man who knows his business. And that business, first, last and always is chicken-raising. For over thirty years, long before he ever thought of an incubator, his chief purpose and study have been chickens. Mr. Miller knows his subject from every angle. His life has been given to it.

When he finally decided to make incubators every item of this knowledge was applied to the machine. It wasn't some wood, asbestos and tin thrown together, with a lamp inside.

The Ideal is, to all intents, the nature of the mother-hen transferred to an incubator. And all the losses, all the troubles of the old-time methods are removed.

Your correspondent saw the results in a visit to the Miller factory at Rockford. Thousands of Ideal Incubators and Brooders are in use—tens of thousands of letters have been received from enthusiastic poultrymen. Without an exception the Ideal has "made good", far beyond the fondest hopes of the user.

In fact, so great has been the success of the Ideal—so enormous has been the demand for this incubator built by "the man who knows", he has been compelled to move to Rockford from his original location, to get necessary facilities. And now he has them.

Now the best of materials, designed and built right, are used to even greater advantage than ever before. The poultryman gets this advantage in quicker deliveries, better building than ever and better results than ever. Miller has added to the former supremacy of his product.

But this poultry expert wasn't satisfied with merely making an incubator. He has gone further. He has solved the problem of egg production the year round.

The Ideal Grain Sprouter is a proved success.

It is a well known fact that hens lay more eggs, and more fertile eggs in the spring and summer than any

other season. Mr. Miller, following this fact back to its source, found in the crops of the big egg-producers, more green food than any other. These experiments proved to him that green grains, grass, etc., built up the organ-

BUFF ORPINGTONS
BROAD AND DEEP, HEAVY LAYING STRAIN
YOUNG STOCK WELL MATURED,
E. L. GROVE, MEADVILLE, PA.

We Say If You Are Going To Win You Have To Get
THE FAMOUS S. & B. STRAIN
RHODE ISLAND REDS
FIRST PRIZE WINNERS

Madison Square Garden, N. Y., Boston, Mass., Allentown, Pa., Grand Central Palace, N. Y., Augusta, Ga., Paterson, N. J., Richmond Hill, N. Y., Easton, Pa., Philadelphia, Pa., White Plains, N. Y., Utica, N. Y., Mineola, N. Y., Hagerstown, Md., Yonkers, N. Y.,

Season of 1911, at four large shows we won 17 first prizes, 4 Silver Cups, 14 Special Ribbons. At Philadelphia won the CHAMPION PEN OF THE SHOW, Season of 1912 won 22 First Prizes, 8 Silver Cups, 17 Special Ribbons.

We breed all our prize winners and hundreds of others. Why not for you? Eggs and Baby Chicks from 45 very choice matings now ready. Send for mating list.

Seaman & Bogert, Box W, Port Washington, N. Y.

More Eggs - Bigger Profits

YOU can have both by feeding Darling's Meat Scraps to your hens. Every ounce of Darling's Meat Scraps is absolutely fresh. Trimmings from roasts and steaks sold over the butchers' counter are picked up by our wagons the same day and cooked that night. In short, Darling's Meat Scraps are made from the fresh trimmings from the edible portion of the carcass. This gives uniform quality and sweetness. Besides—

Darling's High Protein Meat Scraps

Contain 55% Protein

They are low in fat, and fine ground as recommended by both the Experiment Stations and practical poultry raisers.

Darling's Meat Scraps cost no more than goods of lower protein content. Insist upon Darling's 55% Protein Meat Scraps at your dealers.

Every Poultry Man should send for a free copy of our book on poultry feeding.

This book is replete with timely, helpful and specific suggestions and hints on the care and feeding of poultry that you should know and profit by. It tells how to increase egg production and egg profits. Whether you own 25, 50 or 500 fowls, you will be tremendously benefited by reading and studying this book. Write for your free copy today. Simply address:

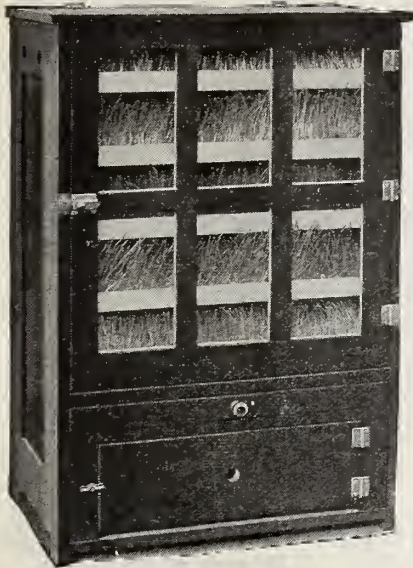
Darling & Company
4205 Ashland Avenue
Chicago

The Van Iderstine Company
20 Railroad Ave.
Long Island City, N. Y.



ism of the pullet or hen,—enabled the fowl to perform its full functions and produce all the eggs nature provides for.

This is the big profit-making secret



The Ideal Grain Sprouter.

which the Ideal Grain Sprouter has made clear to every poultryman.

To sum it all. Miller, the poultry expert, has solved the problem of hatching most eggs; he has solved the equally great problem of getting the most eggs to hatch.

It will be worth the time of every man interested in making hens pay, to write the J. W. Miller Company, Box 123, Rockford, Illinois, and get Mr. Miller's book, "Poultry For Profit." Its free, yet points the way to unapproached profits.

LAWRENCE JACKSON, HAYSVILLE, PA.

The variety of poultry that is attracting considerable attention of late is R. C. White Orpingtons and much progress has been made in the development of this variety; specimens seen at prominent poultry exhibitions compare very favorably with their single comb sisters. Lawrence Jackson, Haysville, Pa., was among the first to become identified with Rose Comb Whites and he has devoted close attention to their development. How well he has succeeded in this direction is evident by his recent winnings at the great Madison Square Garden Show of 1st and 3rd cock, 1st and 4th cockerel, 1st and 3rd pullet, 2nd and 3rd hen; 2nd and 3rd pen; Club special on cockerel and club special for best display. Mr. Jackson is very enthusiastic over this variety and predicts a very bright future for them. He believes that they are bound to become as popular as the single comb variety and that all those contemplating taking up Orpingtons should try the rose combs. He will be glad to hear from all interested in the variety and take pleasure in telling of their good points.

THOROUGHbred PEDIGREE STRAWBERRY PLANTS

Strawberries are the most profitable crop a fruit grower can grow, provided he has the right kind of berries to market. None but the best varieties should be planted and raised. If you want great crops of Strawberries and also want to know how to grow them send to R. M. Kellogg Co., Three Rivers, Michigan, for their book on "Thoroughbred Pedigree Strawberry Plants." It

will be sent free to readers of AMERICAN POULTRY WORLD, and will prove invaluable to them when starting a strawberry patch.

"Kellogg's Thoroughbred Strawberry Plants are the outgrowth of one man's faith in the integrity of Nature's laws and the universality of their operation is a striking, effective paragraph in this book, for it shows that Mr. Kellogg was confident that the same fundamental laws of breeding and selection were intended to apply to all forms of life and that results of such application in all cases would be similar. The faith in this theory was justified in the wonderful increase in the strawberry crops, due to pedigree breeding and selection of the plants by the Kellogg system.

One British Columbia grower reports 54,000 quarts of berries from four acres of the Kellogg Thoroughbreds, while a Colorado grower netted from one acre of plants in 1912, \$1,200.00.

But a perusal of this handsomely illustrated book of 68 pages will convince every intelligent reader that there is big money in strawberry culture provided the right kind of plants are cultivated by the Kellogg plan of selection and culture.

Book on Dog Diseases AND HOW TO FEED.



Mailed FREE to any address by the author.

H. CLAY GLOVER, D. V. S.

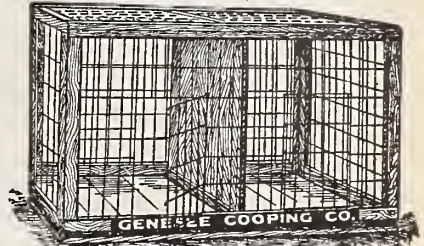
118 W. 31st Street, NEW YORK

*** Do you know how to treat your fowls when sick? Send twenty-five cents for a copy of "Reliable Poultry Remedies." It tells you how ***

BROWN LEGHORNS,
THE EMPIRE STRAIN
ALWAYS WINS.

GEO. H. BURGOTT
LAWSON'S CATALOGUE FREE! LAWTON'S BIRD CO., N.Y.
EXHIBITED AT
MADISON SQUARE GARDEN

GENESEE COOPING CO., ROCHESTER, N. Y.



Manufacturers of exhibition Poultry and Pigeon Coops of every description. Shows cooped on rental a specialty.
GEO. W. WEBB, Mgr., 34 Weldon Street.



Make Your Hens Lay

You can double your egg yield by feeding fresh-cut, raw bone. It contains over four times as much egg-making material as grain and takes the place of hugs and worms in fowls' diet. That's why it gives more eggs—greater fertility, stronger chicks, larger fowls.

MANN'S LATEST MODEL BONE CUTTER

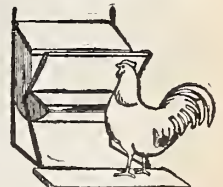
Cuts easily and rapidly all large and small bones with adhering meat and gristle. Automatically adapts to your strength. Never clogs. Sent on 10 Days' Free Trial. No money down. Send for our free books today.
F. W. MANN CO. Box 355 MILFORD, MASS.



EGG MONEY COMES EASY



When you are properly prepared for it, We have helped thousands. We can help you. The 20th century, automatic Feeder will save grain and labor enough to return to you double the amount of your purchase price before spring and twice the egg production. The easiest machine for fowls to operate, keeps feed dry and free from dirt and dust. No experiment, on the market for years. Our printed matter tells the story—it is free. (Also chick feeders and water tanks.)



C. S. BARNES, Successor to H. E. & C. S. Barnes, 86 King Ave., Dept. 1, COLUMBUS, OHIO

J. S. BRADY'S WHITE ORPINGTONS



I can furnish you more size, more high quality than you can buy on any breeding farm in the United States. I can furnish you as much size and quality as you can buy in England, and at much less price. I have cockerels and pullets above standard weight, fit to win in any show in the world. Get my prices.

J. S. BRADY,
Parkers Landing, Pa.

SALE OF S. C. REDS

WELLINGTON RED FARM, E. W. Phillips, Prop., Box W, WELLINGTON, O.

We have decided to dispose of our entire line of S. C. Reds and hereafter will breed nothing but R. C. Reds. All our youngsters, yearling breeders and exhibition birds must go. It is not often that you can step into a breeder's pens and buy his best birds at any price. We are offering you our S. C. Reds at prices never before made by a Red breeder. Many birds with long lists of prizes to their credit must go at only a small part of their actual value. This is absolutely your best chance to buy S. C. Reds of quality.

THE JOHNSON FAMILY AND CHICKEN RAISING

AN ACCOUNT OF A VISIT TO THE INCUBATOR AND BROODER FACTORY OF THE M. M. JOHNSON COMPANY, CLAY CENTER, NEBRASKA

By F. A. Sperry, Chicago, Ill.

A good many years ago I read an expression of Josh Billings, which went something like this: "My son, consider the postage stamp; it sticks till it gets somewhere."

I don't know of any phrase, which more perfectly describes the wonderful accomplishments of M. M. Johnson, his wife and son with their "Old Trusty" incubator.

Your correspondent has just visited Clay Center, Nebr., a town of but 1,135 inhabitants, yet seventh in the state for postal receipts. I have become imbued with the spirit of rugged honesty, the sure, unquestioning high quality of "Old Trusty" building.

But what I could not see, is the way in which it has been accomplished. There is no loud pretension, no "I know how to do it better than anyone" attitude shown. I found a small town, the home of a country-wide industry, and at the same time I met the "home folk" who are running the industry.

It's hard to pick out any one thing which has brought this wonderful success. Has it been that "sticking till you get somewhere," which was the spirit

means uninterrupted, increased, sure poultry results to its four hundred thousand users. It is "Old Trusty" in fact, as well as in name.

It is a far cry from that first hand-made incubator to the bustling enterprise of the present M. M. Johnson factory. I found at Clay Center that 400,000 of these incubators are now in use. In the neighborhood of 100,000 incubators and brooders will be shipped this year. I found a factory employing nearly one-half of the population of the town of Clay Center—a factory with an output of 800 finished machines a day, when necessary. I found an office building 38x80 feet, occupying three floors.

The entire factory is run by electrical power, provided by the firm's own power house, which supplies, as well, the electric power for the town and surrounding country.

The factory and offices of the M. M. Johnson Company are bee-hives of energy. Every worker believes his or her part the one salient feature in the in-

cubator. They do not know how to shirk or skimp. And over it all is an executive force, which by means of the quality of purpose and determination that nothing but the best shall enter into the makeup of "Old Trusty," are accomplished far more now than ever before in the history of the company.

Your correspondent is not mechanic enough to go into the details of the incubator itself. I read, however, a number of the hundreds of letters which are coming in every day. I saw in them the proof of every statement made—the figures showing poultry



The "Old Trusty"

back of M. M. Johnson, the inventor? No man had more ups and downs than he. Hundreds of thousands have read the story of his trials, the struggles for a living, and the making of a good incubator. He succeeded far beyond his dreams, and yet he himself admitted he knew nothing about the exact science of it all. He only knew he wanted to build an incubator for the poultrymen of the country, which would be a profitable incubator. And he did it.

Was it the faithful helping of Mrs. Johnson that accomplished it? Or was it the fact that when the farmer's wife wrote in about her chickens, she got an answer from one of her own kind, from one who was raising chickens herself and making it profitable?

Was it the loyal team-work of H. H. Johnson, the son? Was it his carrying of the burdens, when the inventor himself was too sick to continue?

Or, was it the rugged honesty, which would permit no makeshift to satisfy? The determination not to quit until the sure results were obtained?

I cannot tell you. Nor, for that matter, could H. H. Johnson, who now is head of the Company. He says: "We built, and are building, the incubators and brooders which made it possible for us to succeed at poultry raising. The fact that 400,000 other chicken raisers have found it just as profitable and satisfactory, is perhaps a natural result."

The story of the Johnson family and their sticking at it, may be summed up in a few paragraphs. After struggling with ill health and poverty for several years of incubator experimenting, M. M. Johnson built his first incubator and brooder in 1893.

It was right from the start. Neighbors tried it—it was exhibited at state fairs all over the country—it was proved correct. Attempts were made to show its weakness, but the attempts only demonstrated its strength.

For nineteen years it has stood high in the esteem of its users. Today, "Old Trusty" is no longer a trade-mark. It

S. C. Buff Leghorns TURNER'S GOLDEN ROD STRAIN have won blue ribbons at Boston, Brockton Fair, Holyoke, Springfield, Rochester, Portland, Freeport, South Paris, Gorham and wherever shown. Orders booked for eggs at \$5 and \$3 per 15. Satisfaction guaranteed. Send for mating list. **E. J. TURNER, SPRINGVALE, MAINE**



MADISON SQUARE Over 42 Prizes Rose Comb Brown and White Single Comb Brown and White Leghorns 240-242-244 Egg Strains Big eggs, big birds, White Wyandottes finest. Catalog. **W. W. KULP, Box 12, POTTSTOWN, PA.**

WHITE INDIAN RUNNER DUCK EGGS

Those wishing eggs from my prize winners or utility stock, the U. R. Fishel Whites or Brook's Walton's, the old Cumberland strain Fawn and White, should place orders early for prices that are right with **CLEARVIEW INDIAN RUNNER FARM, R. 1, E. BLOOMFIELD, N. Y.**

Hattersley's Royal Scarlet Strain R. C. RHODE ISLAND REDS

Blue ribbon winners at all the leading New Jersey Shows, also at Grand Central Palace, Allentown and Hagerstown. Eggs from four grand exhibition matings for sale. Send For Mating List. **CHAS. O. HATTERSLEY, NUTLEY, N. J.**

STANDARD BRED FAWN and WHITE I. R. DUCKS

White Egg Strain **S. C. R. I. REDS (that are Red)**

For Utility and Prolific Laying these two Strains are "Bred Right." Eggs for Hatching, and Day Old Chicks and Ducks. Satisfaction Guaranteed.

Willow Branch Poultry Farm, R. 1, Chillicothe, Ohio

Ideal-Hover

NEAT--HANDY--SAFE--DURABLE

Just set on the floor anywhere, light the lamp and in 20 minutes you have as good a chick Mother as money can buy. Pick it up and carry any place with lamp burning. HEATER: Our Duplex or Double Drum hot air Heater will produce 15 per cent more heat from the same amount of oil than any single drum Heater used in others. The Des Moines Seed Co., Des Moines, Iowa wrote us that the Ideal heat up the best of any Hover they had ever experimented with. LAMP: Our lamp will never cause trouble by smoking. Oil cannot become overheated as oil fount is on outside of Lamphox feeding oil to wick just as needed and just enough to keep it covered all the time. Lamp flame always in plain view. Lamp removed or pushed in place with one hand. The Ideal is 24 inches in Diameter, all metal but Double Curtain, has no Hot Center, and will brood 100 chicks. GUARANTEE: We will refund money if not entirely satisfactory. SPECIAL NOTICE: On account of Galvanized Iron and other products used in its Mfg., advancing in price, we have put the price to \$6.00 freight paid on two or more East of Rockies; \$7 freight paid on 3 or more west of Rockies. It is still from \$1 to \$2.50 cheaper than others, and the price will never be changed again, unless something extraordinary happens. Upon receipt of \$1 we will ship by Express C. O. D. to be examined. Freight allowed on two or more. Don't buy another Hover until you see our illustrated Circular; we can interest you. Don't fail to mention this paper.

DUPLEX INCUBATOR CO., TREMONT CITY, OHIO.



THE M. M. JOHNSON CO. FACTORY AND POWER HOUSE.
Home of "Old Trusty."

profits right out on the farm, far beyond anything I had ever thought possible.

If every poultry raiser could see what I have seen—if he could visit the factory and see the straight forward spirit of rugged honesty, which I have already mentioned, "Old Trusty" would find a home on so many farms this coming year, the factory would be hopelessly swamped with orders.

M. M. Johnson & Company, I learned, are assuming every possibility of dissatisfaction on the part of an "Old Trusty" user. I read their guarantee, and it is most binding. But "Old Trusty," itself, is the best guarantee. When you consider that red wood is used, where pine might temporarily satisfy, when you remember that metal sheeting covers the entire body of the incubator, instead of only part of it, that asbestos filling adds to the worth of the machine—when you consider these things, and their extra cost in manufacture, you can readily see the deep-seated quality which is the basis for "Old Trusty."

Write to M. M. Johnson and Company today for their books. You'll be surprised, as I was, at the high quality of everything.

SUMNER G. CROOKS

Attention is called to the advertising of Sumner G. Crooks, Lorain, Ohio, breeder of Single Comb Rhode Island Reds of the better class. Mr. Crooks has recently become an annual advertiser in AMERICAN POULTRY WORLD, the first appearance of his "ad" being in the January issue. From what we have been able to learn regarding his stock, we believe that he is breeding Reds of the quality kind and our belief is strengthened by his record at such shows as Akron, Mansfield and Cleveland Ohio, where he won a total of 32 regular prizes and numerous spe-

cial; included in his winnings were 15 firsts which would indicate that he was more successful along this line than

his competitors. Mr. Crooks has some very choice stock for sale and would be pleased to quote prices to readers of this magazine who are interested in Rhode Island Reds. He has also mated six select pens for the breeding season of 1913 and is now booking orders for eggs. Prices range from \$2 to \$5, according to the mating. If you are in the market for hatching eggs you better send for his mating list before placing your order.

THE VALUE OF TRAP NESTS

One of the first essentials when making ready to get the egg record of individuals in your flock is the trap-nest. Without it, it is impossible to make an accurate and dependable record. One of the oldest trap-nests on the market and one that has given universal satisfaction is the "Ideal." It is simple, accurate in its work and can be applied to almost any nest in a minute's time, can be used in the same space as the ordinary nest and can be made at home from plans that can be secured for a nominal sum from the patentee, F. O. Wellcome, Yarmouth, Me. Mr. Wellcome issues some interesting free literature on the "Ideal Trap Nest" that every poultryman should read. Send to him today and ask for circulars.

Deming's Single Comb Rhode Island Reds

Latest winnings—Waterbury, Conn., Dec. 17-20. A clean sweep. 1st and 2nd cock, 1st and 4th hen, 1st and 2nd cockerel, 1st and 2nd pullet, 1st and 2nd pen. Winning State Cup of R. I. Red Club for the second time. At Madison Square Garden, 4th cock and 3rd pen Best laying Reds at Storr's Egg Laying Contest Certified average of 186 eggs per hen. Stock and Eggs For Sale. Catalogue Free.

H. P. DEMING,

ROBERTSVILLE, CONN

SILVER SPANGLED HAMBURG

No other strain has won so consistently in America's leading shows. No other strain possesses as many all around good points as Sly's. No other breed possesses the exquisite beauty of the S. S. Hamburg. Quality has always been our "Slogan" and that we are producing it is proven by the following records:

AT CHICAGO, DEC. 1912—1 cock, 5 hen, 1-2 cockerel, 1-2 pullet. *Championship male and many other valuable and highly prized specials.*

AT TOLEDO, OHIO, January 6-12, 1913—*In what was said to be the largest Hamburg exhibit ever penned in America outside of Boston. I won 1 pen, 1-3 cock, 1-2 hen, 5 cockerel, 3-5 pullet. Color and shape special on pen, color special on cock, color special on male, color special on hen, color color special on female, Silver Cup for best display.*

More proof of quality is unnecessary. If you will have the best—you must come to Sly. Stock and Eggs for Sale. Write your wants. Mating List Free.

CARL H. SLY'S PARTRIDGE ROCKS:—Are also the quality kind. Winners of Best Display, Ohio State Show, Mansfield, Norwalk, and Toledo. Stock and Eggs for Sale.

R. D. SLY, for Hamburgs,

CARL H. SLY, for Partridge Rocks,

Box W, West Clarksfield, O.

"TWO OF A KIND"
TWO **OPEN AIR** HOVERS
Nature AND Close-to-Nature

Bird Life Demands Open Air --- Close-To-Nature Brooders Give It

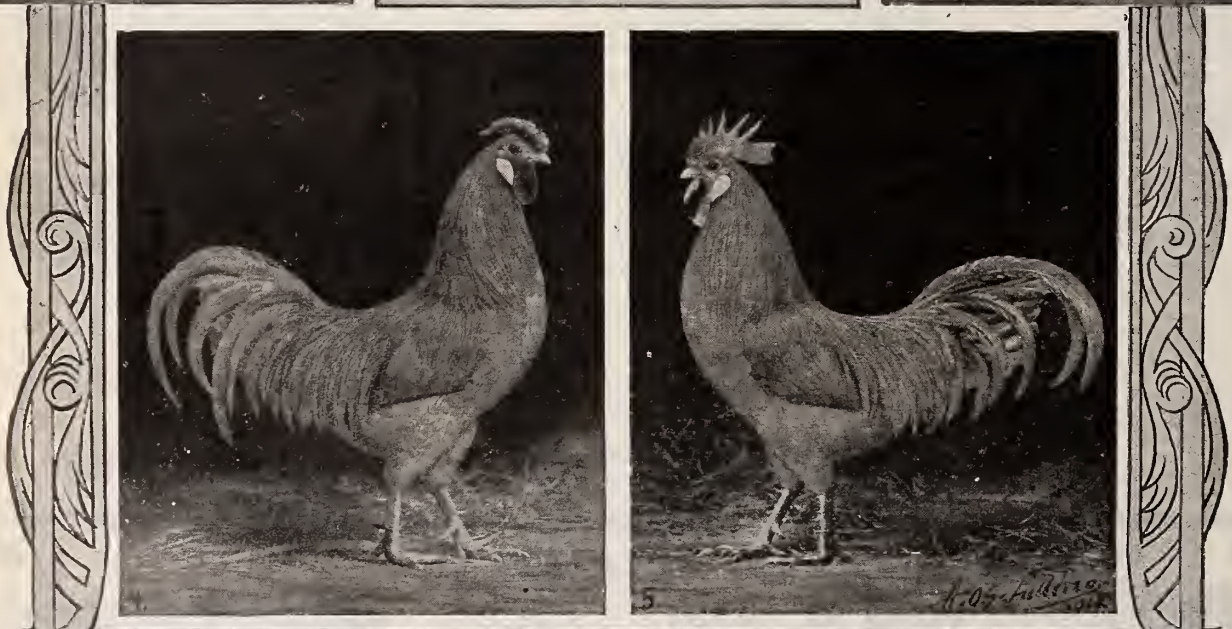
Contact Warmth like the old hen—Plenty of Fresh Air—No Over-Crowding. Give chicks these three things and raise every chick in flocks of 100 to 300. It is natural for chicks to get their warmth by coming in contact with a warm body. *Habit and Heredity* for several thousand years have made this the case. But Hot Air or furnace is not Natural. It dries out, weakens and kills. Chicks in Close-To-Nature Brooders nestle their backs against a warm body that perfectly simulates the broody hen.

The Close-To-Nature Brooders have a very long, narrow hover which allows large flocks with no congestion. Such hovers are not possible except with contact heat. For raising chicks in cold weather, the Close-To-Nature Brooders and Hovers excel. Send for Free Catalog.

CLOSE-TO-NATURE COMPANY,

48 Front Street,

COLFAX, IOWA



1. FIRST PRIZE HEN. — 2. FIRST PRIZE COCK. — 3. FIRST PRIZE PULLET. — 4. FIRST PRIZE ROSE COMB COCK,
 5. FIRST PRIZE S. C. COCKEREL. WINNERS AT CHICAGO SHOW DEC. 1911. BRED AND OWNED BY
 F. A. TECKTONIUS Route 5 — RACINE WIS.

F. A. Tecktonius, Racine, Wisc., has been one of the most successful breeders and exhibitors of Single and Rose Comb Buff Leghorns in this country for a considerable length of time. We can recall his wonderful winnings in the past at the great Chicago Show, and his recent showing at this great event was no exception, as Tecktonius Leghorns came out with the highest honors, winning 2, 4 and 5 cock; 1, 2, 4, 5 cockerels; 1, 2, 3 hens; 1, 2, 3, 4, 5 pullets; 1 old breeding pen, and 1 young breeding pen. This record speaks for itself, when one considers the fact that 53 Single Comb Buff Leghorns were shown in competition.

—A. O. Schilling.

A NEW WAY TO KEEP EGGS

Considering that there are now so many ways of preserving eggs "perfectly fresh," it is somewhat remarkable that these articles of food are so difficult to obtain in this condition. The latest plan involves the exhaustion of all contained or dissolved air in the egg and the substitution of an atmosphere of mixed nitrogen and carbon dioxide. Mr. Santolyne, who describes the method in *Cosmos* (Paris, August 22), tells us that the process now most used in France employs lime-water, but that cold storage still remains the best way of preserving eggs properly. The new gas process, just noted, is used in conjunction with cold storage, and enables the eggs to be kept for some time after removal from the refrigerating chambers, without impairment of quality. Says Mr. Santolyne:

"The method consists of keeping the egg in an inert atmosphere of carbonic acid and nitrogen. The eggs are placed in tin cases holding 500 each. These cases are then surrounded with two wooden frames, an outer one to enable the cases to be set in cold-storage chambers, and an inner to facilitate the circulation of the gaseous atmosphere around the eggs. A little anhydrous chlorate of lime is placed within to absorb the moisture, and then the cover is soldered on, leaving a small hole about one-quarter inch in diameter. The cases are then introduced into a horizontal receptacle in which a vacuum is produced, thus removing the air surrounding the eggs and the gases dissolved in their albumen. Then there is introduced carbonic gas, previously heated. This is all done slowly, to enable the gas to penetrate into the egg, until the pressure gage remains stationary. Excessive pressure is avoided, as it might be injurious to the eggs. With

a vacuum pump a certain quantity of the carbonic gas is now removed and replaced with compressed nitrogen. Then the cases are removed from the receptacle, a drop of solder is placed on the hole in the cover, and they are placed in cold storage at 35 degrees. It is unnecessary now to take care of the ventilation of the cold chamber or of the moisture of its air.

"The advantage of this system, the author tells us, are as follows: There is no evaporation at the surface of the eggs, no phenomena of oxidation, and no stale taste; they may be eaten from the shell even after ten months, and the albumen preserves the fine whitish tint that it has in fresh-laid eggs. The eggs may be kept some little time after being taken from cold storage before being delivered to the consumer. This is not the case with eggs preserved by cold alone. Bacilli, bacteria, and molds are killed by the cold and the gases, so that there are no moldy or decayed eggs and no loss. The cost is not much more than that of preservation by cold alone. The tin case, holding 500 eggs, costs \$1.60, and accommodation for 1,000 eggs, therefore, costs \$3.20. These cases may last ten years. All told, the extra expense comes to about 40 cents per thousand eggs."—The Literary Digest.

NEUBERT'S TRIUMPH

Attention is called to the advertising of R. F. Neubert on another page in this issue. Mr. Neubert has been in the poultry and incubator business for nineteen years and he feels so proud of his 1913 incubator that he calls it the "Triumph." It is so called because he regards it as his masterpiece. His entire nineteen years of experience in building incubators has been put into this model. In referring to this machine, Mr. Neubert says:—"The new 'Triumph' Incubator which I am selling this year is not a new machine, but simply the result of accumulated experience of all the years I have been manufacturing incubators and raising

poultry. Every principle has been tried out and proven, every bit of material in it has been tested and proved to be the right kind for the purpose used."

Mr. Neubert has issued a new book that is well worth reading whether you own an incubator or not. It contains much information you should possess before buying an incubator. Every reader of this paper should send a postal card today to R. F. Neubert, Box 7, Mankato, Wis., and secure this book free by return mail.

*** Properly constructed poultry houses are essential to success. Learn how to build them by purchasing a copy, "Poultry Houses and Fixtures." Fifty cents post paid ***

MINEOLA STRAIN

Buff Wyandottes

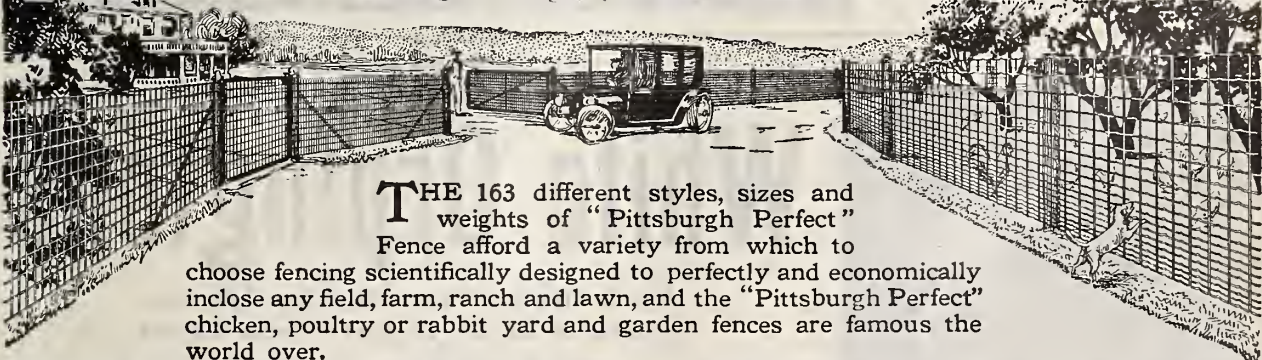
L. D. HOWELL, MINEOLA, N. Y.

\$1.00 POSTPAID  **The Awl For All**
Myers' Wonderful Sewing Awl sews leather, canvas, shoes—anything, heavy or light. Complete repair shop in itself. Saves many trips to town. Mends harness, saddles, wagon covers, blankets, buggy tops, belts, etc. Can't get out of order. Original and only awl with diamond point full grooved needle to protect the thread. **BIG MONEY FOR AGENTS.**
C. A. Myers Co., 6365 Lexington Ave., Chicago, Ill.

POULTRY FENCE
22 1/2 Cents a rod for 48-inch fence. Fewer posts and no base board or top rail required. Buy from the factory direct. Other styles of Poultry, Farm and Lawn Fencing. Large Catalog Free. Write today
Box 72 Kitzelman Bros, Muncie, Ind.

Smith Sealed. Prices postpaid: 12,30c; 25,50c; 60, 81.00, 100 81.50; 500, 88.50; 1000, 812.50.
LEG BANDS
Leader Adjustable. Prices postpaid: 12,15c; 25, 25c; 50, 40c; 100, 65c; 250, 81.50; 500, 92.75; 1000, \$5.25.
SAMPLES FREE
 Write postal or order now. Satisfaction guaranteed. Address **THE REYES-DAVIS CO., Inc., Dept. 545 Battle Creek, Michigan**

"PITTSBURGH PERFECT" FENCES



THE 163 different styles, sizes and weights of "Pittsburgh Perfect" Fence afford a variety from which to

choose fencing scientifically designed to perfectly and economically inclose any field, farm, ranch and lawn, and the "Pittsburgh Perfect" chicken, poultry or rabbit yard and garden fences are famous the world over.

When buying fence, select that style specially made for your particular purpose, for in this way only can you experience greatest fence-efficiency and satisfaction at lowest cost. "Pittsburgh Perfect" Fences, made of heavily galvanized Open Hearth Wire, with every joint **WELDED BY ELECTRICITY**, excels in strength and durability, and invests your property with a distinctive appearance of neatness and prosperity.

EVERY ROD GUARANTEED PERFECT

Dealers everywhere sell "Pittsburgh Perfect" Fences. We will gladly send free our complete catalogue showing all styles and sizes, and giving valuable information on fence-building, etc. Write for it today.

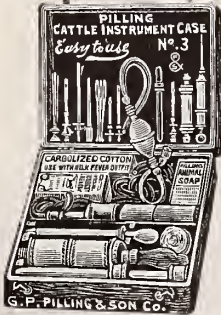
PITTSBURGH STEEL CO., PITTSBURGH, PA.

Makers of "Pittsburgh Perfect" Brands of Barbed Wire; Bright, Annealed and Galvanized Wire; Twisted Cable Wire; Hard Spring Coll Wire; Fence Staples; Poultry Netting Staples; Regular Wire Nails; Galvanized Wire Nails; Large Head Roofing Nails; Single Loop Bale Ties; "Pittsburgh Perfect" Fencing.



IS OUR LIVE STOCK WORTH TAKING CARE OF?

The winter season is the time to set things to rights on the farm, to take such measures as will bring men, stock and implements to the highest degree of efficiency for the ensuing summer campaign, and there is perhaps no better way of distinguishing the success-



ful from the unsuccessful farmer than by the manner in which they care for their stock and implements during the slack season. Go over the horses carefully and see what they need in the way of fixing up. Are their teeth sharp? File them down. Do they need a tonic? Get it. Is the barn tight and warm? Remember that you can't afford to warm all out of doors with feed at present prices. Are you prepared for emergencies that may arise in the treatment of milk fever and garget? Do you suspect tubercle in your herd? Now is the time to test your cattle.

Do you realize the money there is in capons? Get a set of caponizing instruments now and operate on two or three chickens weekly until you become expert so that when the season arrives you can take advantage of it.

The house of Geo. P. Pilling & Son, 23rd & Arch Sts., Philadelphia, Pa., make a specialty of supplying instruments and remedies direct to the farmer, delivered free to your home. You can get anything, tooth instruments, milk tubes, garget and milk fever outfits, tuberculin and hypodermics syringes, caponizing instruments, blisters, tonics, healing ointments, cattle powders, liniments, at prices that will please you—all of these goods are easy to use and are sent with such full instructions as to be absolutely satisfactory.

The Geo. P. Pilling & Son Co. also keep a staff of Veterinarians to give free information on request to their customers.

Write today, it costs nothing.

INTERNATIONAL POLISH CLUB

We are now preparing copy for our first annual year book, which we expect to issue at an early date, and to all breeders and lovers of the Polish or Polish Bantams, we extend a cordial invitation to become a member of our club. We also invite you to contribute an article on the merits of the Polish fowls, and last, but not least, place your ad. in the year book. If you wish to reach the better class of buyers, as time is short, we must ask you to act promptly in this matter. Why not be a live wire and help boost the Polish and the International Polish Club. Our annual membership fee is \$1.00 per year, while life membership fee is \$10 and no assessments. For advertising rates, membership blanks or any further information, address M. V. Caldwell, secretary and treasurer, Rt. 5, Lisbon, Ohio.

"IDEAL" TRAP-NEST

F. O. Wellcome, Bob W. Yarmouth, Maine, manufacturer of the "Ideal" Trap-Nest and other specialties, recently received the following letter from Prof. Herner of the Poultry Department of the Manitoba, Canada, Agricultural College:

"Your Favorite Combination No. 1 came to hand yesterday. Many people whom I know highly recommend your nests. As the 'Ideal' Convertible Trap-Nest fully fills every practical requirement—accuracy and economy in time, space and cost, I am sure it will meet with the same high favor at this college that it has at the Connecticut College and with breeders and ordinary poultry keepers all over America."

Mr. Wellcome will be pleased to send his printed matter, describing his nests, plans, leg bands, record sheets, etc., on request.

BRACE'S SINGLE COMB BROWN LEGHORNS

Are in a class by themselves, having won more prizes than any other strain. Thirty years breeding. 8 pens mated, including both cockerel and pullet matings. Write your wants. **WILLIAM F. BRACE,** **VICTOR, N.Y., U.S.A.**

S. C. WHITE LEGHORNS

OVERLOOK POULTRY FARM, E. C. Landers, Prop., **WHITNEY POINT, N. Y.**
If you are looking for birds for winter shows, write to us for prices as we have an elegant lot of males and females all in the pink of condition. We have 50 utility cock birds from 3 to 5 dollars each, 200 March and April hatched cockerels from 2 to 5 dollars each. These birds are from and sired by the best stock of the famous Pine Top Poultry Farm. All Stock Guaranteed.

Whiting's ROUPENE

ACTUALLY DOES CURE ROUP

Even the worst cases, even *Diphtheritic Roup* and *Canker*. We don't care how bad the case is so long as the bird is not in the last gasps of death.

ROUPENE WILL CURE

and leave no weakening or bad after effects in the bird or its progeny.

Just try it once. Pick out a bad case, one on which you have tried other so-called remedies, and we guarantee a cure or refund money.

Whiting's Roupene is a genuine disease germ destroyer. It takes right hold and cures without fuss and delay.

Roupene prevents contagion, you do not have to quarantine the diseased birds.

Roupene not only cures Roup, Canker and Diphtheritic Roup, but it also cures Sorehead, Limberneck, Colds and Pip—all diseases of the breathing organs. 50 cents and \$1.00 a bottle.

Whiting's White Diarrhoea Remedy prevents and cures White Diarrhoea. If the first feed of Baby Chicks is bread-crumbs moistened in *Whiting's White Diarrhoea Remedy* it will prevent their having diarrhoea, or will cure them if they already have it. 50 cents a bottle, all dealers or mailed by us on receipt of price.

SEND FOR FREE PRINTED MATTER

O. K. SALES CO., Dept. 21, 160 Pearl St., New York City

"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 today, and as to their *Fancy Quality*, they won first at Madison Square Garden, New York, 1905, 1906, 1907, 1908, 1909, 1910; also at Crystal Palace, London, England, and Chicago and Boston. If you need some birds to *Improve Your Stock* or for *Show 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.

KELLERSTRASS FARM, Westport Road, 9124, Kansas City, Mo.
Send for FREE Catalogue. Originators of Crystal White Orpingtons



EXPERIENCE EXCHANGE

Editor American Poultry World:

Having read page after page in various poultry journals on the numerous ways in which Roup may be carried to a flock, I wish to give here a way which I have never read or heard of, which may be value to some of the readers of this magazine.

This dreaded of all diseases has recently cost the writer more than six hundred dollars' worth of birds and was introduced into the flock by the feeding of infected "meat scrap" secured from a local butcher. This statement may seem strange to the reader and here is the explanation:

Usually, into the receptacle which contains the meat scrap, waste bone etc., are also thrown the chickens' legs and small bits of chicken neck, which the butcher cuts off just before selling. This we learned in searching for the cause of our trouble. These legs and bits of neck may lie in among the green bone, meat scrap, etc., for a day or more before being placed in the power mill to be ground into feed.

Perhaps it is possible that the birds which were sold by the butcher for meat may not have been diseased, but it is certain that they had come from some place where this diseased condition existed.

We usually read of this trouble being carried by birds, from the show room or by the purchase of new stock, but this is the first the writer has known of Roup being carried in this way.—Subscriber.

—o—

Editor American Poultry World:

Enclosed find egg record for pen of six Barred Rock pullets for the year beginning Nov. 14, 1911, and ending Nov. 13, 1912. They were hatched May 15, 1911, and began to lay November 14, bringing them just six months old. We started them as

we do all our chicks from the first with a good grade of commercial chick feed, also dry bran in hoppers, also chick size oyster shell scattered in the litter where they could readily find it. When two weeks old we add a little middlings and corn meal to the bran and a week later add about five per cent. of fine ground beef meal. This feed is kept up until they are large enough to go on second size chick feed when the following mash is fed in hoppers: Ground oats, 100 lbs.; bran, 100 lbs.; middlings (red), 50 lbs.; corn meal, 50 lbs.; beef scrap, 50 lbs.

In addition to the above they are fed as soon as we can get them to

eat it a liberal supply of green feed such as cabbage, beets, carrots and apples. When about twelve weeks old they are then given the regular laying feed as follows: When on range, scratch feed scattered broadcast over a large area and the following dry mash: Ground oats, 200 lbs.; bran, 200 lbs.; middlings, 100 lbs.; corn meal, 100 lbs.; gluten, 100 lbs.; beef

SUNFLOWER

Every poultryman in America should grow sunflowers for two reasons, shade and feed. The Mammoth Russian, largest of all varieties, showy and most profitable to grow in the poultry yard or garden. We offer select seed, clean and good, of this wonderful Sunflower, one pound, 25 cents, postpaid. With every 25 cent order we will include free a copy of the latest issue of

GOOD POULTRY

a quarterly magazine, devoted to special crops and intensive farming, with special attention to the care and handling of poultry. Tells how to make \$200 per acre per year on any farm from 5 to 100 acres. Good Poultry alone, 10c a copy; 25 cents a year. Copy free with every 25c order for Sunflower seed. Every poultryman needs it. Agents wanted, write today. SHOREWOOD FARMS CO., Saugatuck, Michigan City Office — 11 N. Market Street, Chicago, Illinois

Ward's Rose Comb Reds

show, 1st and 2nd cockerel, 1st and 2nd pullet and 1st pen. Only five entries.

JESSE WARD,

Make clean sweep at Olean, N. Y., winning special for best pen in the show, special for best pullet in the show, special for best pullet in the show. Eggs for hatching.

CHAFFEE, N. Y.

ORPINGTONS BUFF, BLACK, WHITE. Consistent winners at Pittsburgh four years in succession, 17 firsts and many other regular and special prizes, 1910-11-12. Pittsburgh, 1913, Black Orpingtons 1 pen, 2, 5 cock, 3, 5 hen, 4, 5 cockerel, 5 pullet. Buffs, 2 cock, 3 hen, 4 pullet. Whites, 2 cock, 7 pen. Choice stock for sale, two thousand to select from. Satisfaction guaranteed. Eggs.

SANDY LICK POULTRY FARM,

966 Liberty Avenue,

PITTSBURGH, PA.

L. O. Kettering, Prop.

J. W. McGinnis, Mgr.

SILVER WYANDOTTES AND SILVER CAMPINES

If you are looking for the very best in either of the above, we can please you. Our birds have demonstrated their quality by their winnings at Madison Square and Boston for the last 10 years.

J. F. VAN ALSTYNE,

NIVERVILLE, N. Y.

HUSTON'S IDEAL BARRED PLYMOUTH ROCKS

Again Triumph at Baltimore, Md., Williamsport, Pa., Corning, N. Y., Bloomsburg and Sunbury, Pa. Winning at these five shows during the past month a total of 12 firsts, 13 seconds, 9 thirds, 6 fourths, 1 fifth, 1 sixth on 49 entries.

Is this not convincing that My Rocks are indeed Ideal? Let me furnish you a trio at \$10.00 that will breed winners. Send for 1913 Mating List.

JAMES T. HUSTON,

Box L,

WILLIAMSPORT, PA.

SINGLE COMB RHODE ISLAND REDS

Winners of State Cup, Cup for the best cockerel in show and Grand Sweepstakes Cup for best bird in whole show all breeds and varieties competing. At the Big Philadelphia Show just held, President Hicks, Judge, our winnings—1 cockerel, 1 hen, 2-3 pullet, 1st pen. 1st cockerels winning all specials. 200 fine birds for sale. Address

SCHENLEY HEIGHTS POULTRY YARDS,

1202 Commonwealth Bldg., PITTSBURGH, PA.

AUTOMATIC SANITARY TRAP NEST



AUTOMATICALLY SELECTS LAYERS

1913—The Best is the Cheapest—1913

This nest requires none of your time or attention, no waiting for hen to lay or re-setting of nest. Operated as well and better by the hens during your absence than if present to disturb them. It saves time, labor and feed by selecting the good layers from the culls and drones. The good layers produce the hatchable eggs and strong, healthy chicks. All leading breeders are using the trap-nest. We are sending them everywhere. Made of galvanized sheet metal, are sanitary, vermin proof and will last a lifetime. Write for free booklet or agency or both. Address

AUTOMATIC SANITARY TRAP-NEST CO.,

DULUTH, MINN.

scrap, 100 lbs.; old process oil meal, 25 lbs. and salt 25 lbs.

The above mash is fed dry in hoppers throughout their pullet year. When placed in their winter quarters the same feed is given and the same method followed except that double the amount of scratch feed is given—one quart for twenty-five hens night and morning in deep litter. I have added two more hens to the six with individual records of 207 and 216, so I may look for some great layers from the offsprings of this pen next year. I have a fine cockerel from a great laying hen to mate with them. J. H. Trout, N. Y.

educate the farmers to raise standard-bred stock. At the Wheeling show they won 3rd pen in White Orpingtons and purchased, at a high price, the female in the 1st pen, so that their customers get the benefit of good blood lines, so any one wanting good reliable stock will do well to write them. C. F. K.

THE \$4.50 MANKATO INCUBATOR

Readers of this magazine will no doubt be surprised to learn that they can secure a Mankato Incubator complete for \$4.50. This is the case, nevertheless, as a reference to their advertisement will show. Of course this is not a large machine, but it holds fifty eggs and it has everything that a complete incubator should have, viz: splendid construction, reliable regulator and heating system, large roomy nursery,

which they sell for \$8.25 and brooders at proportionately low prices. It will be worth while for every reader to write the Mankato Incubator Company, Box 7, Mankato, Minn., for their new catalog, which explains all the facts about the construction and results obtained with their machines.

RECORD OF 6 BARRED ROCK PULLETS FROM NOV. 14, 1911, TO NOV. 13, 1912.

	Nov.	Dec.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.
1	1	2	3	5	3	5	4	5	3	3	3	2	
2	2	3	3	3	4	5	5	5	4	3	3	1	
3	1	2	4	6	4	5	4	6	3	3	4	2	
4	2	2	4	4	5	5	5	4	2	2	4	1	
5	1	3	5	4	5	4	4	4	3	2	3	2	
6	2	1	4	5	6	5	5	5	3	3	4	2	
7	2	2	3	6	5	5	4	4	4	2	3	1	
8	1	2	4	5	6	5	3	3	3	3	3	2	
9	1	3	4	5	5	4	4	4	3	2	4	2	
10	3	1	4	4	6	6	4	4	2	3	4	1	
11	2	3	5	5	4	5	4	4	4	4	3	2	
12	4	1	3	4	5	4	3	4	3	3	3	1	
13	2	2	3	5	5	5	4	3	3	3	4	1	
14	1	1	3	3	5	5	5	4	4	4	2	3	
15	1	2	2	4	3	6	4	3	5	3	4	3	
16	1	3	3	3	5	4	6	4	3	3	3	4	
17	1	1	2	3	4	5	5	4	5	3	2	3	
18	0	2	4	3	4	5	4	3	5	3	3	2	
19	1	1	2	3	5	5	5	3	3	2	3	3	
20	1	3	4	4	6	5	5	4	4	3	2	3	
21	0	2	4	3	5	5	4	5	4	4	3	4	
22	1	1	2	3	5	4	5	4	4	3	5	3	
23	1	2	3	3	5	4	5	4	4	3	2	2	
24	0	0	3	4	2	6	5	3	5	4	4	2	
25	1	3	4	4	5	5	4	4	4	4	3	4	
26	1	3	4	4	5	5	4	4	5	4	3	3	
27	2	2	2	5	4	6	5	5	5	3	4	2	
28	1	2	4	4	5	4	5	4	4	3	3	3	
29	0	3	4	3	5	5	4	4	5	4	4	2	
30	2	2	4	4	6	6	6	5	5	4	3	3	
31	3	3	3	3	4	5	5	5	5	3	2	2	

15 60 84 105 141 148 149 120 134 100 89 96 20
Grand total, 1231. Average per hen, 205 1/2.

ARMSTRONG POULTRY FARM

While on my way to the Great Wheeling Tri-State Show, I stopped off at the Armstrong Poultry Farm. Mr. Armstrong invited me to a good lunch and then we went over the plant. The first place was the incubator cellar, where they hatch 1,500 baby chicks at one time, then to the brooder house, which is 44 feet long containing ten adaptable hovers, then to their 60 ft. laying house where the two breeds are separated with ten ft. runs, 120 ft. long for sterile eggs which they supply to a selected trade. Their breeding stock have free range and it is a grand sight to see five or six hundred white birds on the grass about 4 p. m. They are making a specialty of baby chick orders which they are booking now. Another stunt that Armstrong Bros. do is to issue a monthly circular for their dry goods and merchandise store and in it try to

strong egg tray and a high grade thermometer. It is set up ready for use when received and is really a great bargain.

They also make a large sized machine

Gigantic Tomato SEEDS FREE

Here is the king of all Tomatoes, largest and most productive, fruit often weighing 3 to 5 lbs., each, and 100 to 150 lbs. have been grown on one plant, very smooth, few seeds, solid all through, ripens early, being a handsome red color. A few plants will produce more Tomatoes than any family can use.

OUR SPECIAL OFFER

We want every person who uses seeds to see our 1913 Seed Book and try this Gigantic Tomato and we will send a sample packet for trial, with Seed Book Free. This book is full of new Vegetables, Fruits and Flowers.

Send your address plainly written on Postal today, Fairview Seed Farms, Lock Box 122, Syracuse, N. Y.



FREE BOOK FOR YOU

THOROUGH BRED PEDIGREE STRAWBERRY PLANTS

Trade Mark


Kellogg Plants Yield \$500 to \$1200 Per Acre

Great Crops of Strawberries and How to Grow Them

IS a beautifully illustrated book of expert strawberry information written by America's most successful strawberry grower. It gives our famous sure-crop method of growing fancy strawberries, and explains how our Pedigree Plants are grown on our great farms in Idaho, Oregon and Michigan. **IT IS FREE!**

R.M. Kellogg Co., Box 375

THREE RIVERS, MICH.




20 Pkts. Northern Grown Seeds 10c

OLDS' SEEDS are planted every year by thousands of the most successful gardeners. To advertise our seeds we will mail the 20 packets named below for 10c.

LETTUCE,..... Good all the year round.
CABBAGE,..... Best early variety.
CARROT,..... The general favorite.
BEEF,..... Olds' best first early.
ONION,..... The best Red Wethersfield.
PARSNIP,..... The smoothest and best.
WATERMELON,..... The leading melon.
PARSLEY,..... Just right for seasoning.
MUSKMELO, Gol.-flesh Rocky Ford.
CUCUMBER, Olds' Ex. Ey. White Spine.

OLDS' CATALOGUE, an 88-page Potatoes, Field and Garden Seeds, Easiest

L. L. OLDS SEED CO.



PUMPKIN,..... The best for pies.
RADISH,..... Early, tender and crisp.
SPINACH,..... Olds' Long Season.
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Madison, Wis. Drawer 36

McKEE'S WHITE ORPINGTON YARDS OF WATERTOWN, TENN., Route 1

are giving away \$150.00 in gold to customers. Write for particulars. We won at 5 shows, 22 firsts, 18 seconds, 5 thirds, a number of specials. We can improve your flock. The most of our yards are headed with stay White males, all above standard weight. We also import any variety. Catalog ready January 15th.

COOK ORPINGTONS

William Cook & Sons, originators of all the Orpingtons, of Scotch Plains, N. J., have had a very successful show season and we are pleased to give some of their winnings. In S. C. Buff Orpingtons they have won this season first cockerel Madison Square Garden. First hen, first pullet and first pen at Memphis, Tenn. First pen, second and third cockerel at Allentown, Pa. First cockerel at Trenton. First and second cockerel, first hen, first pullet and first pen at Shreveport, La. First and second cockerel, first cock, first pullet and first pen at Savannah, Ga. First and second cockerel, first pen at St. Louis, Mo. First pen at Plainfield, N. J. At Birmingham, Ala., at the N. S. C. Buff Orpington Club show, first and second cockerel, first pullet, first pen, second cock and second hen, winning seven cups on Buff Orpingtons alone. At Louisville, Ky., first and third cockerel. At Atlanta, Ga., first and second cockerel, first pullet second pen. At Norfolk, Va., first cockerel. Their winnings in S. C. White Orpingtons were, first pen at Atlantic City. First cockerel, Memphis, Tenn. Second cockerel at Allentown, Pa. First cock and first cockerel at Trenton, N. J. First cock, first pen and second cockerel at Birmingham, Ala. First and second cockerel at Shreveport, La. First and second cockerel, second pen at Savannah, Ga. First cockerel at St. Louis, Mo. First cockerel at Plainfield. First and second cockerel, Elizabeth, N. J. Second cockerel at Grand Central Palace. First and second cockerel, first cock and second pen at Louisville, Ky. First and third cockerel, first cock at Columbus. First and second cockerel, second pen at Atlanta, Ga. First and second cockerel, Norfolk, Va. Their winnings in S. C. Black Orpingtons were first pen at Atlantic City. First cock, first pen, second cockerel and second pullet at Memphis, Tenn. First pullet, second pen, second cockerel at Allentown, Pa. First hen, Birmingham, second cockerel and pen. First and second cockerel, first cock, first pen, first pullet at Shreveport, La. First pullet, first pen, second cock at Savannah, Ga. First and second cockerel, first cock, first pen, first hen, second pullet at St. Louis, Mo. First cockerel, Plainfield. First cockerel, Elizabeth. First cockerel, Grand Central Palace, N. Y. First cockerel at Norfolk, Va. Besides these winnings they won first at every show in Blue Orpingtons, and also Diamond Jubilee Orpington pens where they exhibited. It will be to your advantage to write for their Mating List, which is now ready. The price of their best eggs from their winners is \$20.00 a setting.

A BLUE RIBBON CATALOG

Wide interest and much comment of a decidedly favorable nature have been created in poultry circles by the recent appearance of the superb catalog of the Tywacana Farms Poultry Company, Farmingdale, Long Island. Of course, the appreciation from the breeders and fanciers has been due purely and simply to the excellence of the material set forth in the book, and the interesting manner in which the story of one of the greatest poultry plants in the east is told. Indeed, "Tywacana Quality"—this is the title of the publication—is well worth reading by any poultryman, in any section. It is in the nature of an achievement—the setting of a high standard and the living up to it.

From the printing trade, however, have come other comments, equally favorable and of a different nature. These have centered on the mechanical excellence of the book. Bound in a rough blue cover, on which is embossed in rich gold the trade mark and emblem of the Farms, the exterior is decidedly prepossessing. Inside, everything is right up to the style set by the outside. Two colors, an illustration from an actual photograph on every page, and a most attractive type display, combine to make the booklet a thing of beauty as well as interest.

It is convincing evidence of the increasing progress and stability of the poultry business when such a catalog appears. A fine product requires—nav, demands—a fine catalog, and should have it. The superlative quality and excellence of the Tywacana stock cer-

tainly are well set forth in this book, and no poultryman should be without a copy on his desk. A postal to the Tywacana Farms Poultry Co., Farmingdale, L. I., N. Y., will bring one by return mail, postage paid.

*** Get a copy of the corrected Standard. We supply it—send your order now ***

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The new way to make hens lay. "The Golden Egg" tells all, free. A Humphrey Bone Cutter on free trial. **HUMPHREY** Buff St. Factory, Joliet, Ill.

A \$1000 COCKEREL

Headed one of my pens last spring. My chicks this fall are simply wonderful. Use Peerless Strain

S. C. WHITE LEGHORNS

and my success will mean success for you. Can furnish guaranteed winners for Boston, Philadelphia, Pittsburg or any show. Quality considered I believe my price means saving to you of 25 to 50 per cent. Have furnished big winners for years.

Unmatchable utility stock at lowest prices available for quality—but no dollar birds. Write for quotation and get my valuable 24 page free catalogue.

Leon C. Huntington, Box 12-G, Omaha, Neb.

CAUFFMAN'S S. C. RHODE ISLAND REDS I have the goods—My winnings at Red Bank, Trenton, Inter-State Fair, Philadelphia and Allentown Pa., demonstrate the quality of my Reds. I have a few good birds for sale at moderate prices. Write me your wants.

GEO. H. CAUFFMAN,

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are the winning kind, they not only win in the show room but are blue ribbon performers at the nest. 75 Choice Cockerels at reasonable prices. Just what you need to add vim and vigor to your flock. Eggs in season.

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THE FEATHERED WORLD YEAR BOOK, 1912

A veritable encyclopedia on poultry and pigeons; 704 pages with four colored plates and about 150 photographs of the great prize winning birds of the past show season. The 1913 edition ready about January 15 next. The price will be the same.

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S. C. Buff Orpingtons

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I have on hand a number of extra fine Cockerels, all sired by winners and bred from the best matings. These birds will put color, size and type in your flock and enable you to produce the highest quality exhibition birds, have them ranging in price from \$10 to \$25 each. Grand pullets \$5 and \$10.

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Better prepared than ever before in the history of Roseland to sell hatching eggs from the strongest pens of Buffs we ever yarded. Every bird a prize winner or sired by a prize winner. Send for illustrated booklet.

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CHAS. W. SWITZER, Proprietor,

SOUTH EUCLID, OHIO

QUESTIONS AND ANSWERS

EDITORIAL NOTE—This department will be devoted to answers to questions of general interest on practical poultry topics asked by subscribers and addressed to Editorial Department, AMERICAN POULTRY PUBLISHING COMPANY, Stafford Bldg., Buffalo, N. Y. Answers in this department are free of charge. Where two or more persons ask substantially the same questions, only one answer will be given. In asking questions try to send full information. The subscriber's name and address must be given [not for publication]. If a reply by mail is desired, be sure to enclose stamped addressed envelope.

PLUCKING GEESE

Q. What is the right season of the year to pluck geese for their feathers and how is it done? Mrs. W. G., Florida.

A. At one time it was a common practice among farmers who raised a few geese to pluck them from three to five times during the spring, summer and fall; the first plucking occurring late in March and the last as late as November. This has become to be looked upon as a cruel and barbarous practice and few if any of those now engaged in goose growing continue to inflict this punishment upon their geese. If you must pluck your geese watch them carefully and when the pin feathers are well started pen them in a clean, dry pen. After providing a clean box or barrel to receive the feathers, you may begin operations by holding the bird firmly on the lap with the head and neck confined between the knees or under your arm. The soft feathers on the breast, back and abdomen should then be quickly and carefully removed, exercising care not to injure the bird. Birds under eighteen months old should not be plucked.

BOWEL TROUBLE

Q. I have 35 S. C. White Leghorn pullets and one cockerel in an open front house 12x18 feet. I feed cracked corn, wheat and oats in deep litter morning and evening and keep before them at all times a dry mash consisting of bran, beef scraps and ground oats, also grit and shell and mangles and cabbage as green food. These birds were perfectly healthy up to six weeks ago, when from some cause they went off their feed, appear dull and stupid and their bowels become loose; the droppings were yellowish and white. Some of the first to be attacked now appear all right, but there seems to be new cases constantly appearing. Would appreciate any information you can give me that would aid in effecting a cure. F. C., Penna.

A. These birds are evidently suffering from a case of indigestion which is usually accompanied by a derangement of the bowels as described by the correspondent. There must be something wrong with the feeding methods or the feed. Sometimes, unless the greatest care is exercised damaged grain will be fed unnoticed, with the result that whole flocks suffer from intestinal trouble. Then again, too liberal feeding of beef

scrap will cause trouble. Caution must also be used in feeding cabbage on account of its laxative properties, and where fowls are allowed to eat too freely of this vegetable, trouble is sure to ensue. Just where the trouble is in this particular case I am unable to say as the correspondent does not give the quantities of each ingredient in his mash, at any rate a little middlings could be added with benefit. Would suggest, however, that the beef scrap be withheld for a few days and the cabbage be fed more sparingly and see if the bowel trouble does not improve. Give each of the affected birds one-half teaspoonful of Epsom salts to remove fermentation from the bowels. Then gradually restore the regular ration.

PULLETS STOPPED LAYING—LOOSE FEATHERING

Q. I have ten Barred Rock pullets that were hatched in March and April. They began to lay in September and October and after laying about one and one-half dozen eggs each stopped and haven't laid an egg since. Should they have stopped?

A. This is a very common occurrence among pullets and I am inclined to believe that the correspondent is a little impatient, and I firmly believe that before this reply is read by him that all will be doing their duty again.


Q. Should Barred Rock pullets be so fluffy behind that their feathers are soiled with the droppings all the time? Mine are loose feathered very much like the Cochin. A. E. S., New York.

A. Barred Rocks are a close feathered bird and any tendency to Cochin feathering is undesirable and is an indication of poor breeding. Regarding the soiling of the feathers near the vent, should say that this was an indication of bowel trouble, even though the birds are loose feathered in this section the feathers should not become soiled if the bowels were kept in good condition.

VARIOUS QUESTIONS

Q. Will lice and mites breed when

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Send for complete list of Conkey Remedies. If you enclose 4 cents in stamps we will mail you 80-Page POULTRY BOOK free.

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Chicken Pox, Canker or Colds can be prevented and cured by one hypodermic dose of

ROUP TOXIN

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LIFE INSURANCE**

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KILLS LICE AND MITES

DISINFECTS the Hen House, Brooder and Incubator. CURES Roup, Scaleg Leg, Canker, Cholera. PREVENTS White Diarrhoea

Endorsed by 50 Experiment Stations

Every person interested in the causes and symptoms of all poultry diseases should read CHICKEN CHAT—Free if you ask for it. It names diseases, and suggests methods for curing them, and offers ideas for preventing contagion and infection.

The most eminent poultry authorities in the world have contributed their stories to this book. An interesting report is made by the Ontario Government poultry expert, Professor Graham, in regard to his successful handling of incubators, and the prevention of white diarrhoea in his hatcheries.

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At dealers 8 oz., 25 cts; Quart, 50 cts; Gal., \$1.50
Postpaid 8 oz., 35 cts; Quart, 65 cts; Gal., \$1.50

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is a "wonder working" poultry remedy. It cures Cholera; Roup, White Diarrhoea and Canker in its worst form, increases egg yield 20 per cent.; grows the finest chickens you ever saw; lessens your poultry trouble 50 per cent. So confident are we of the merits of "Oculum," that we believe any honest poultry raiser will pay us "when he knows it does the work." At your dealers or if you prefer cut out this ad. today and send to us and we will trust you to do right by us.

THE HANCOCK INOCULATION CO., Inc., Box Q, SALEM, VIRGINIA

Please send me a 50c-\$1.00 bottle of "Oculum". I will test it fifteen days; if satisfied will pay you; if not will return what I have not used.

Name Address

coal ashes are used on the dropping boards?

A. Lice and mites will breed and thrive any where unless absolute cleanliness prevails and preventative measures are used at frequent intervals.

Q. Will coal ashes cause sore and scaly legs?

A. No.

Q. What is the remedy for scaly legs?

A. First remove all loose scales by soaking the legs in warm soapy water after which an ointment made of one part oil of caraway to five parts White Vaseline should be applied. Continue the ointment until the trouble disappears.

Q. At what age should little chicks reach before feeding whole wheat?
C. B. N., Mich.

A. Chicks will usually eat whole wheat at about six weeks of age.

POOR VITALITY

Q. I have a valuable White Rock cock bird whose comb is gradually turning black since the moult. After feeding or a chase around the yard he appears worse and I am thoroughly alarmed as he is a valuable bird.
H. C. S., Wisconsin.

A. This bird is undoubtedly lacking in vitality and the strain of the moulting period was too much for him. Would pen him alone in clean, dry, warm quarters and give him a half teaspoonful of Epsom salts to cleanse his bowels, after which give a two grain quinine pill daily until normal condition is restored. A little poultry mustard in some soft food should also prove beneficial.

BLOOD SPOTS

Q. I have a flock of White Leghorns in good condition from which I have been getting eggs occasionally with a small streak or clot of blood in them. They may be possibly all from one hen or pullet, but I have been unable to discover the one laying them. Can you tell me what is the cause of this and a remedy if any for the same?
Mrs. J. F. C., New Jersey.

A. The appearance of blood spots in the eggs is very common especially during the heavy laying season and are caused in most cases by the rupture of the ovarian follicle. This allows a drop of blood to enter the oviduct, which is caught up with the albumen and becomes a part of the egg. I know of no remedy by which this can be prevented. The only sure method of disposing of the blood spots is to discover the hen or hens laying such eggs and dispose of them.

SORE HEAD

Q. Our flock of chickens seem to have an epidemic at the present time of sore head or chicken pox, at least that is what I think it is. They have sore eyelids, something like a wart at the base of which is mostly a yellowish matter. Others have the same kind of sores on their combs and wattles. I first noticed it on some cockerels that I had penned by themselves. Now several of the old hens have it.

I have a flock of 150 pullets penned in a separate house and I would like to prevent its spreading to them. Any information you can give me will be appreciated.
W. H. S., Penna.

A. The symptoms as described would indicate a well developed case of chicken pox. Isolate sick birds and disinfect the houses well with some reliable disinfectant. This disease seems to flourish in cold, damp houses, therefore it is necessary that good ventilation be given and all

dampness be avoided if possible.

To treat the affected birds, first remove the scabs and apply a two per cent creolin solution and dust with iodoform. Attention is also called to the remedies advertised in this department.

HORSESHOE POULTRY YARDS
Breeds the Best Columbian Wyandottes. We have won at Madison Square Garden and other important shows. Some splendid Show Birds for sale, also good breeding cockerels at \$3 and \$5 each. Cock birds at \$5 each. Eggs after February 1st, \$3 and \$5 per 15.
HORSESHOE POULTRY YARDS. Fred Minch, Prop., Hicksville, N. Y.

S. C. and R. C. Black Minorcas

layers. For further information send today for my new free mating list.
HAROLD W. GOULD,

Blue ribbon winners at Grand Central Palace, New York, Savannah, and other big shows. Great
LAKE GROVE, N. Y.

BUFF ORPINGTONS

DARST'S IMPORTED STRAIN WIN AT

Ohio State Show, Seven Prizes.

Ohio State Fair, All Prizes.

Cleveland Show, 1912, Two Prizes on Two Entries.

Stock and Eggs for sale.

Best Eggs \$5.00 per 15.

C. N. DARST,

JACKSONVILLE, OHIO

"A Great Big Change Coming Over the Poultry Business"

"A GREAT BIG OPENING FOR YOU" *Writes Robert Essex*

I LIKE to give my good friends the poultry-keepers a hint when something is happening that they can turn to advantage.

All of a sudden we find a score or more of Sunday newspapers telling the PUBLIC how to keep poultry. Think what it means! In all the years the poultry papers have been doing business they have reached only about 500,000 people at one time. Yet here—just since last spring—these newspapers have begun to teach a new crowd numbering OVER TWO MILLIONS.

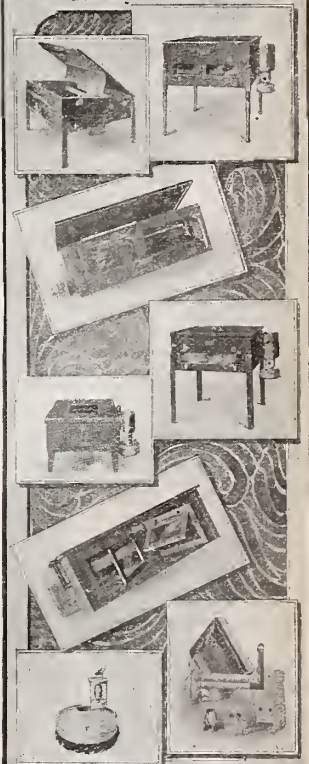
TWO MILLION MORE CUSTOMERS in prospect than you had last year. It begins a New Era in the poultry business. The live poultryman will reap the harvest for years to come. I have told you of it! It's up to you to prepare. Do it NOW. Don't wait for hens to sit. Read what President Hicks of the American Poultry Association says:

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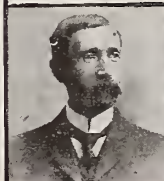
I want you to send for our New 1913 Annual Catalogue. IT'S FREE. It contains Five Chapters telling *How to Make the Most From Poultry—How Money is Made from Standard-breds and from Farm Hens—How to Start Right*, etc. It has 30 Photographs of New Poultry Houses in use on Experiment Stations all over the country, with measurements and costs. See this catalogue of the "Essex-Models"—

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CAMPINEOLOGY

"Story of the Living Egg Machine" and what it contains



Chapter No. 1.—Greeting, a chapter that will set the poultry world thinking.

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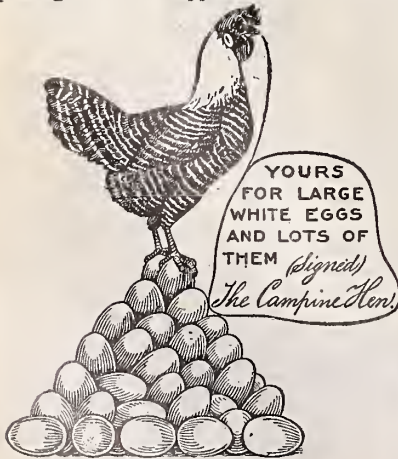
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Chapter No. 7.—Prices of stock and eggs for hatching, also my way of doing business which guarantees entire satisfaction to every customer.

Now besides the above seven interesting chapters it will contain **three colored plates**, each being a work of art showing the beautiful Campine fowl as it really is in its natural colors, or life-like. Also two full page plates containing twenty views of the World's greatest poultry farms, (Rev. Jones in England, and my own in America,) devoted to the exclusive breeding of this wonderful fowl, with other classy illustrations.

Now I want a copy of this valuable book **Campineology**, which is an encyclopaedia on Campines, "A fowl with a character all their own," in the hands of everyone who is at all interested, and as this work has cost me considerable time and expense, ten cents to pay postage will be appreciated.



J. FRED KENNEDY,

BIRCH CLIFF, ONTARIO, CANADA

Box B,

BOWEL TROUBLE

Q. I have two pens of fowls, one breeders and the other layers. The layers are confined to the house and the breeders have a large outdoor run sown with rye which is very thick. The birds on the range have had bowel trouble all winter while the ones confined have not shown any signs of it. Both pens are fed the same. Do you think the rye causes the trouble? G. W. T., New York.

A. The correspondent does not state whether or not the birds are seriously affected or whether it is a general looseness of the bowels. The rye is probably responsible in the case as it is a well known fact that when fowls are allowed to eat large quantities of frozen greens like rye, etc., that it is bound to affect the bowels, when green food in its natural state will not cause any bad effects. All greens have laxative properties, and where they are fed to one pen and withheld from the other then there will be a decided difference noted in the droppings of the two pens.

SWELLING ON PULLET'S FACE

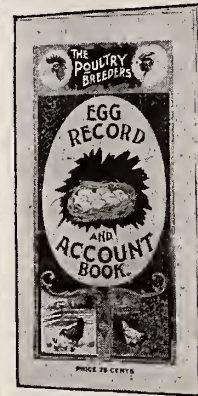
Q. One of my pullets seems to be in a bad way from a swelling just under one eye. Upon opening her mouth I find a small opening running back towards this swelling and from which I should judge there is a discharge. Any advice for treating the difficulty will be greatly appreciated. B. F. New Jersey.

A. Cases of this kind are quite common and resemble conjunctivitis very closely. I believe they are caused by some obstruction of the passage from the nostrils to the ear; such as a small particle of dust, which will cause inflammation with the resultant swelling and collection of pus which forms a hard cheesy substance inside. I have found in my experience that the better way of treating these cases was to open the swelling with a sharp knife and thoroughly remove all cheesy matter, after which cleanse the cavity with dioxygen or dilute carbolic acid. Follow this treatment for a few days and apply carbolated vaseline each time after treatment.

LEVI A. AYER'S COLUMBIAN WYANDOTTES

Among those who are enthusiastic advocates of the superior qualities of Columbian Wyandottes we must include Levi A. Ayres, Granville, N. Y. Mr. Ayres was one of the early breeders of this variety and he has worked conscientiously for their improvement year after year. By securing a copy of his mating list which gives his show record since 1906 you will learn how well he has succeeded. During the past season Mr. Ayres has won best display on his Columbians at seven shows and has been awarded over 100 prizes and two silver cups. At the annual meeting of the National Columbian Wyandotte Club, held in connection with the Rochester, N. Y., show, his Columbians won as follows: 1-2 cock, 11 in class; 4 hen, 10 in class; 1-3 cockerel, 13 in class; 1-2 pullet, 11 in class; 2d pen young and 3d pen old, 8 pens competing. He also won the New York State trophy for best display. This should prove conclusively that his Columbians are of superior quality. Those desiring to secure the best in this variety should write Mr. Ayres for prices before placing their order elsewhere, also ask for circular and mating list which will be sent free to readers of this publication.

EGG RECORD AND Account Book



An
Easily
Kept
Record
of
Profit
and
Loss

A simple, easy method for keeping correct account by the day, month and year of all expenses and income from eleven yards of fowls; also record of all eggs laid, set, or sold; chicks hatched, reared, sold, etc.; also record of orders as filled.

How much did you make last year?

This book was prepared to meet the need and demand for an accounting system whereby a breeder can rear poultry more intelligently as to profit and loss, and in its present form embraces the best of the systems employed by our most experienced poultry breeders.

The rapid sale of the several editions of this book and its universal approval by the poultry press and poultrymen is proof that it does the work for which it was designed.

Price, 25 Cents, Postpaid

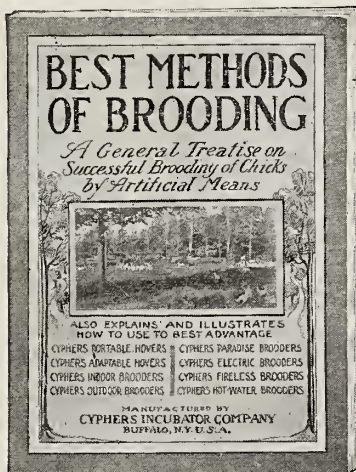
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Buffalo, N. Y.

BEST METHODS OF BROODING
Latest Free Booklet Issued by Cyphers
Incubator Company Will be Ready
for Mailing This Month

Of every one hundred chicks that die between the ages of one day and one month old, it is estimated that fifty die on account of incorrect brooding, thirty because of improper feeding and the remaining twenty from all other causes.



It has been with a view to help stop a large proportion of this heavy mortality in chick life that the Cyphers Incubator Company, Buffalo N. Y., has published a new free booklet entitled "Best Methods of Brooding", a copy of which will be mailed to any reader of this paper on request, provided you will mention the name of this journal when writing for the free booklet.

"Best Methods of Brooding" opens with an extensive treatise on "Correct Brooding of Chicks by Artificial Means" and then explains in detail how best to use the different types of brooding apparatus, including portable hovers, adaptable hovers, indoor and outdoor separate brooders, indoor sectional brooders, electric brooders, hot-water brooding systems, etc.

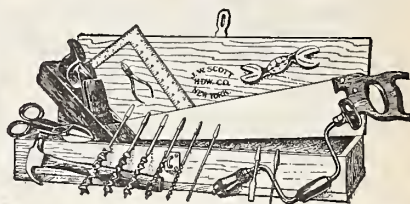
Write today for your copy of this new free booklet and thus get the benefit of it in time for successful spring brooding. Address Cyphers Incubator Company, home offices, Buffalo, N. Y., or this Company's nearest branch store and warehouse, as follows: 23 Barclay St., New York, N. Y.; 12-14 Canal St., Boston, Mass.; 329-331 Plymouth Court, Chicago, Ill.; 317-319 Southwest Blvd., Kansas City, Mo.; 2127-2131 Broadway, Oakland, Cal., and 121-123 Finsbury Pavement, London, England.

BIRD BROS., MEYERSDALE, PA.

One of the most remarkable records made by a poultry breeder in many years is the one just made by Bird Bros. of Meyersdale, Pa., breeders of Partridge Plymouth Rocks and Bronze Turkeys. Their winnings at Hagerstown and other large fall shows were noted in these columns and were considered as the very highest attainment, but these have been totally eclipsed by their recent record at the Madison Square Garden Show, New York, where on their Partridge Rocks they won every first and all specials. This is a remarkable record and with their past victories places their Partridge Rocks as America's undisputed champions. Their Mammoth Bronze Turkeys were not far behind as they were also awarded all first prizes at Hagerstown, Md., 1912, and at the recent Madison Square Garden Show. Their winnings at the Garden gave them a total of 21 out of 24 firsts at this great show in 1910, '11, '12 and '13. Readers who are interested in Partridge Plymouth Rocks or Bronze Turkeys should write Bird Bros., Box H, Meyersdale, Pa.

PARTRIDGE ROCKS

ALSO COLUMBIAN, Silver Penciled and Banded of high-class. J. A. HAGEMAN, President Partridge Plymouth Rock Club, Box W, Charlotte, Mich.



Here's a Gift for Father and the Boys

One that is both appropriate and useful. A present that will afford constant satisfaction for years. A real man's gift.

THE HANDY WORKING KIT No. 16

There is nothing a man or a boy likes better than a kit of real tools—high quality, true edge, dependable tools that will enable him to do a good job when he wants to.

The tools in Kit No. 16 have been carefully selected for the needs of the handy man about the house, or the young amateur carpenter. Every tool is warranted highest quality. The following tools are contained in Kit No. 16:

- 24-inch Cross Cut Hand Saw
- 8-inch Sweep Brace Bit
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- 2 1/2-inch cut Tinner's Shears
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- Screw Driver for Brace
- Alligator Thread Cutting Wrench
- 12-inch by 8-inch Polished Steel Square
- 16-inch by 2 inch Cutter Jack Plane

Tools packed in neat wood case with hinges, hasps and screws. When put together, makes a handy tool box.

PRICE, COMPLETE F. O. B. \$4.85

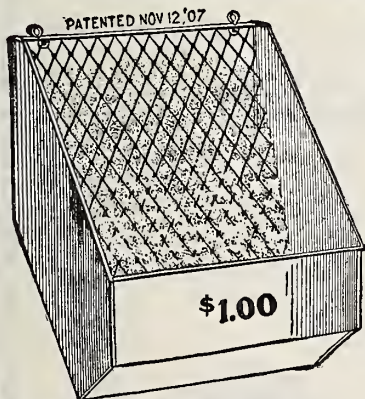
NEW YORK CITY.

A Remarkable value in High-Grade Tools. Order a Kit Today.

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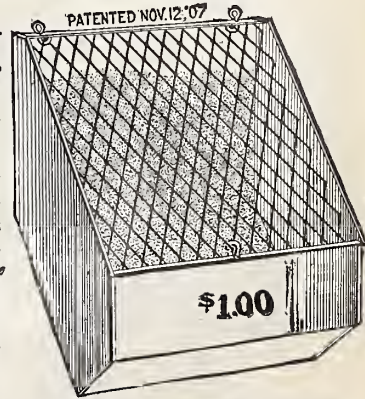
Don't Throw Money Away!!

You Do Just That When You Allow Fowls to Scatter and Waste Their Food by Day and Allow Rats to Carry Off the Grain in Large Quantities at Night.



The Boston Hopper — The Rat-Proof Hopper

THIS HOPPER is the ingenious, money-saving, *Automatic* food receptacle that has made the *Dry Feeding Method* a country-wide success. This line of Hoppers was placed on the market in the fall of 1907 and has met with a phenomenal sale throughout the United States and Canada. *It is Waste-Proof in daytime and Rat-Proof at night.* The saving in feed will pay for the Hopper in one to four weeks' time, depending on the number of fowls that use it.



Hopper Ready For Use. Holds One-half Bushel. Made of GALVANIZED IRON with Swinging Grid (Mesh).

BOSTON FOOD HOPPERS are made in four sizes—two sizes for adult fowls and two for chicks. Illustrations herewith show popular size for adult fowls. For pictures

This Hopper is Locked For the Night, by Hook in Lower End, Making It **ABSOLUTELY** Rat-Proof.

of other sizes, see page 159 of our Complete Catalogue and Poultryman's Guide for 1913, "Profitable Poultry and Egg Production"—244 large pages, 500 instructive illustrations—mailed *Free* to any address, or send a postal card request for our 54-page booklet, "Poultry Foods and Feeding," the most valuable condensed treatise on this subject ever published—both books *Free* for the asking.

THE BOSTON FOOD HOPPER hooks against the wall or can be placed on the floor or ground. *The Swinging Grid* or metal guard prevents the fowls from wasting the food. The Hopper can readily be "locked" at night (or in the daytime) by simply hooking the grid to the front section at the lower end, thus making the device rat-proof.

Buy a sample Boston Hopper from the dealer of whom you get your poultry supplies or order one from our nearest place of business—see addresses below. Price of half-bushel size, \$1.00. Will last a lifetime. Write today for 54-page FREE booklet. Tells about Dry-Feeding Method. Satisfaction guaranteed or your money back.

CYPHERS INCUBATOR COMPANY, Dept. 688

Home Offices: **Buffalo, New York**

- Branches: New York City 23 Barclay St. Boston, Mass. 12-14 Canal St. Chicago, Ill. 329-331 Plymouth Court Kansas City, Mo. 317-319 Southwest Blvd. Oakland, Cal. 1569 Broadway 2000 Selling Agents

THE FREDONIA SHOW

The local exhibition of the Fredonia, N. Y., Poultry Association, held December 30-Jan. 3, 1913, demonstrated what a handful of enterprising fanciers can do in a few weeks by good hard work. Nearly five hundred birds were cooped and although the exhibits in the majority belonged to the novice class, the quality was excellent and the birds were shown in good condition. Furthermore, the show was a financial success, which has given the officers and members encouragement and Fredonia will now be on the map with an annual event. Plans are already being laid for next year's show. The writer did not have the pleasure of meeting all of the officers, but he found in C. O. Ames, H. W. Frost and H. L. Tadt, vice-president, secretary and superintendent respectively, some whole-souled fanciers, who were always on the job and working hard for the success of the show.

In numbers the White Orpington classes predominated with S. C. Buff and White Leghorns well up. Some excellent R. C. Black Minorcas were also shown.

A great deal of interest centered around an excellent pen of White Leghorns that were to be given to the holder of the lucky number at the close of the show. The winner should feel proud of this pen of birds as they were a well matched pen and should produce progeny of the quality kind.

Arrangements are already being made to secure new coops of the most approved pattern for next season's exhibition, and we dare make the prediction that next season will see a much larger exhibition at this thriving city. W. A. W.

THE MAYWOOD POULTRY FARM MAKES AN ELABORATE EXHIBITION

One of the principal features of the great Armory Show held at Louisville from December 23d to 28th, by the South Central Poultry Association, was the exhibit made by the Maywood Poultry Farm, Anchorage, Ky.

Just inside the main entrance of the hall, a special booth, or in reality a miniature show room, occupied a space of 20x25 feet, arranged with coops along the three walls in a U shape. In these coops were displayed White Leghorns, White Wyandottes, and White Orpingtons. An interesting feature of the birds was that they had not been conditioned nor had they been washed. Even this way, they made a better appearance than many of the conditioned and washed birds. Above the coops there was a rack on which were displayed two rows of large pictures about one hundred in number, showing many interesting views and scenes of the farm. Among them were framed ribbons of various winnings, membership certificates of the American Poultry Association and specialty clubs. The center of the booth was a unique feature of the show room; a resting place with a number of chairs and a table in the center on which were souvenir post cards, souvenir egg records, and souvenir incubator records for the visitors. Mr. Straus, Proprietor of the Maywood Poultry Farm, received many compliments on the display, and on the birds he exhibited.

He also had a number of birds in competition, and in spite of an unfortunate mishap, his entire string of birds being soiled before judging, and in the hottest competition ever known in the locality, the entire string of Chicago winners being entered, the Maywood birds carried off third and fourth pens, third pullet, fifth cockerel and fifth cock.

*** Leading magazines in attractive Clubbing Combinations at reduced prices. Consult our Clubbing Catalogue. A postal will bring a copy ***

TERWILLIGER R. C. B. MINORCAS ARE EQUAL TO THE BEST. After 18 years of careful breeding for egg producers, I have made 3 shows in 1911-9 entries, first show Westchester Fanciers Club, September 19-23; won 1, 2, 3 cock, 1, 2, 3 pullet and 2, 3 cockerel. Second Show, Grand Central Palace, New York, December 5-9, 1911, 5 entries, won 2 cock, 2 pullet and 1, 2 and special cockerel. Third Show at Peekskill, December 29, 1911-January 2, 9 entries won 1st cock, 1, 2 hen, 1, 2 pullet, 1 pen, 1, 3 and special cockerel. Cockerel, \$5.00 to \$25.00. Eggs for hatching. Write G. W. TERWILLIGER, MILLWOOD, N. Y.

HILLHURST FARM COLUMBIAN WYANDOTTES

A very choice lot of breeding hens, strong in neck and tail markings for sale at right prices

J. B. CASTERLINE, Mgr., ORCHARD PARK, N. Y.

ROSE COMB RHODE ISLAND REDS We have been breeding Rose Comb Reds for a number of years and now think that we can place them before the public and give satisfaction. Our strain is composed of a number of the best in the country. Deep Red to the skin and Winter layers. We will sell eggs under the same guarantee as we sell our Buff Leghorn Eggs. \$3.00 per setting of 15 eggs. A few good Cockerels for sale. Send for Circular. SPRINGSIDE POULTRY FARM, J. W. & J. Edw. McNeil, Box B, CANAAN, N. Y.

WE GUARANTEE OUR EGGS and CHICKS

Because we KNOW how strong and vital they are; how carefully we cull and select and test on our great plant. We make no extravagant claims—we simply say, "Buy Tywacana Stock; it's sold on a Make Good Guarantee that PROTECTS!"

BABY CHICKS HATCHING EGGS BREEDING STOCK S. C. WHITE LEGHORNS BARRED and WHITE ROCKS

Write TODAY for our big catalog. It tell how we can afford to guarantee our stock. It is full of poultry facts. Sent FREE! We use WRIGHT Boxes—that means Safe Delivery.

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A. E. Wright, Supt., Box 60, FARMINGDALE, LONG ISLAND, N. Y.



ROYAL SCARLET STRAIN

S. C.—RHODE ISLAND REDS—S. C.

Possess type and brilliancy of color that places them in the winning classes as my record at New York State Fair, Yonkers, Orangeburg and elsewhere will prove. Baby Chick and Eggs for Hatching, orders now being booked. No more stock for sale. Mating List Free. Try "Royal Scarlet" Strain and win the Blue.

J. C. BOYAN, Box W, NYACK, N. Y.

DAY-OLD BABY CHICKS

of all leading varieties at lowest prices. S. C. White Leghorns of high record laying strain a specialty.

Write for Catalogue and Price List.

New Washington Breeding & Hatching Co., New Washington, Ohio

For Shipping Day-Old Chicks and Eggs Use the Wright Box

THE RIGHT BOX

Ship your chicks and eggs in Wright Boxes. They cut down shipping costs; guarantee safe arrival; please the customer; bring more business. Simple, safe, strong as steel. Save time, labor and money.

WRIGHT DAY-OLD CHICK BOX
Patented Dec. 31, 1912.
Made of double reinforced corrugated board. New ventilating device permits adjustment for hot and cold weather. Keeps chicks perfectly on longest journeys. Easily put together. Absolutely safe.

PRICES PER DOZEN	
25 chick capacity	\$1.40
50 chick capacity	2.00
100 chick capacity	3.00

THE WRIGHT HATCHING EGG BOX
New design, different principles. Strongest egg box made. Separate cell for each egg. No slipping or jarring after packing. Will save the price in a short time on eggs received unbroken. Light, simple, easily and quickly packed. Packed in dozen lots, knocked down.

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15 egg capacity	\$1.85
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50 egg capacity	\$3.00
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Especially designed for mailing eggs under the new Parcels Post Act. Guaranteed to carry eggs safely through the mails. Poultrymen will make money selling eggs by mail. The Wright Mailing Box solves the problem. Write for special booklet on this egg mailing device.

PRICES PER DOZEN	
1 doz. egg cap'y	\$0.75
2 doz. egg cap'y	\$1.00

Illustrated Booklet Sent Free
Every poultryman who ships eggs or chicks should send for our free booklet. It will save money on shipping. Write today.

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Box 71 FARMINGDALE, L. I., N. Y. TRADE MARK

MAINTAINING A STANDARD

How it is Done, and Why it Pays, on One of the Foremost of the Long Island Poultry Plants

That it is a strictly commercial proposition, and an extremely profitable one, to set and maintain a high standard on a big poultry plant, has certainly been conclusively demonstrated on the Peerless Farms, the modern poultry unit owned and managed by A. I. Rosbrook, near Northport, Long Island.

Peerless Farms specialize on White Leghorns. The owner has an idea that this breed lay sooner, and oftener and develop into better breeders, broilers and make altogether a finer grade of poultry products than any others. The manner in which the denizens of Peerless Farms perform would indicate that there is something in this theory, too. They are certainly fine specimens of good breeding.

The manner in which the breeding stock is kept up to the Peerless standard has been thoroughly worked out. First, every hen is rigidly trap-nested through her pullet year, and every one that fails to lay as many as 175 eggs is culled from the breeding pens. Next, every pullet is weighed on the day she lays her first egg, and again at the end of the laying season. Every one that begins laying under 3½ pounds, or fails to lay under 5 pounds is discarded. Pullets must have begun laying before five and one-half months old, although if a bird shows up well in other ways, failure to meet this requirement will not keep her from the laying houses.

Such methods could hardly fail to produce vigorous, thoroughbred birds. Aided by the equipment at Peerless Farms, the plant is in every sense complete. The laying and breeding house is a well built, airy and sanitary structure, 110 feet by 16 feet, with feed room and office at the end. Underneath is a hot water incubator, installed in a dry, well insulated cellar. Incubating capacity is 15,000 eggs. Ventilation is maintained by means of motor driven fans, operated when the automatic indicators tell that the air is too moist or too dry, or when too hot or cold.

Another large breeding house and numerous colony houses make up the buildings on the farm. Open range is used in season, and balanced rations of dry and green feed is given the stock at all times.

While the selling of day old chicks and breeding stock is the largest department on the Peerless Farms, hatching and table eggs are also sold, as well as broilers and dressed poultry. Custom hatching, that newest of wrinkles in poultrydom, is done on a large and successful scale.

Mr. Rosbrook has an attractive leaflet, illustrated with views of the farm, that will be sent to any poultryman interested in a big plant, properly conducted.

PORTABLE POULTRY HOUSES

A few years ago it was not uncommon to see all sorts of makeshift poultry houses in the back yards of those who were so situated as to keep a few chickens. Recently there has been a great change in this direction and the style of architecture in these back yard plants and also on some of the larger ones has greatly improved. This is due to the fact that portable poultry houses are now to be had in different sizes and that prices are so low that one can not afford to mar the beauty of his place by makeshift affairs.

Among the first to place portable poultry houses on the market were T. F. Potter & Co., Downers Grove, Ill. Their first venture along this line met with such success that they have increased their facilities until they can now furnish you with a poultry house of almost any style or size. These houses come to you in sections already to put up, all painted and trimmed, tightly fitted at the joints and durably constructed of the best material. Considering the workmanship and material, they are undoubtedly better than anything that you could build at home.

The Potter Co. furnish a very interesting book entitled Modern Poultry Houses and Model Equipment, which shows their full line of up-to-date poultry houses and equipments and also gives you much valuable information on poultry raising. This book will be sent

to any reader of this magazine upon receipt of two red stamps to pay for postage, and we would appreciate it if you would mention AMERICAN POULTRY WORLD when writing for the book.

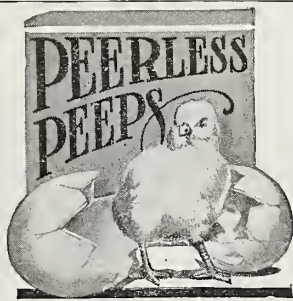
BUFF WYANDOTTES

Moderate Prices. Satisfaction Guaranteed. EXHIBITION and BREEDING STOCK SUFFOLK FARMS, Box 54, LAKE RONKONKOMA, N.Y.

Spring Water Poultry Farm

We are now booking orders for Single Comb White Leghorn Baby Chicks for next season. They will be booked in the order they are received, so get yours in early and have your choice of dates for delivery. Write for Illustrated Catalogue.

Spring Water Poultry Farm, Stockton, N. J.



50,000 BABY CHICKS

Pure Strain, Heavy Laying White Leghorn Stock.

Bred from selected, trap-nested layers. Every one of our breeders must have a record of 175 eggs—most are 200 egg birds. Hatched in hot water mammoth machines, in perfectly equipped fan-ventilated cellar. Careful attention and sure methods assure uniform hatching conditions.

Shipped in absolutely safe carriers. Carefully inspected and packed before leaving. Full count; no weaklings.

You can buy Baby Chicks cheaper than you can hatch them, and you get stronger chicks, purer strain, better results all round if you buy PEERLESS FARMS BABY CHICKS. Place your order today.

Our methods, equipment, stock and prices are fully described in our illustrated folder. Send for copy today. It is FREE.

The Peerless Farms, A. I. Rosbrook, Prop. R. F. D. 5 Northport, Long Island, N. Y.

PARKS' STRAIN OF BRED-TO-LAY Barred Plymouth Rocks



Have laid their way into popularity. They represent over 20 years of careful selection, and trapnesting for eggs, in addition to being bred close to the standard requirements, as our recent winnings show.

Have no more Cocks or Pullets to spare, but a very nice selection of hens, together with a nice lot of Big, Healthy, Well-Marked, Hen-Raised Cockerels. Cockerel Circular Free.

Am Booking and Filling Orders for Eggs

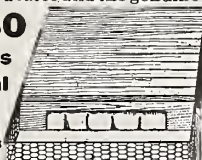
Selected EGGS \$5-15, \$8-30, \$11-50, \$20-100. Incubator Eggs \$2-15, \$6-50, \$10-100 Day Old Chicks after March 1st.

Chick Circular and Large 36-Page Catalog free.

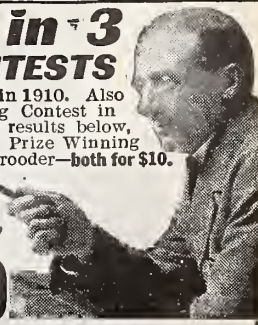
J. W. Parks, Box W, Altoona, Pa.

Wisconsin Victorious in 3 BIG Hatching CONTESTS

Winner in Mo. Valley Farmer Contest in 1910. Also a winner in the Successful Farming Contest in 1911 and 1912. Read the record of results below, then bear in mind you can get this Prize Winning Incubator and the genuine Wisconsin Brooder—both for \$10.



BOTH For Only \$10



WHY PAY MORE? WHY TAKE CHANCES?

I stand ready to prove to you there are no better machines on the market for anything like my low price. I stand ready to let you prove it in your own home—to your own satisfaction (not mine), and pay the freight charges both ways. You take no risk—no chances. I will ship you one of my 125 Egg Hot Water Wisconsin Incubators and a 125 Chick Brooder on 30 days trial, and if you don't find it the best hatching outfit after 30 days trial, ship it back, and back comes your money. Machines that win in the Big Hatching Contests year after year, surely must have unusual merit. But remember, they must win your satisfaction or I take them back—return your money—pay all freight cost. Here's my offer.

125 Egg Wisconsin Incubator Both Prepaid \$10.00
Chick Wisconsin Brooder Both Prepaid \$10.00

Mrs. Jerry McMahon, Veedersburg, Ind., won in the 1910 Mo. Valley Farmer Hatching Contest, hatching 125 chicks from 126 eggs with her Wisconsin Incubator.

Mr. C. B. Armitage, Atwater, Ohio, hatched 88 chicks from 88 eggs and 93 chicks from 93 eggs in the 1911 Successful Farming Hatching Contest, making two 100 per cent hatches.

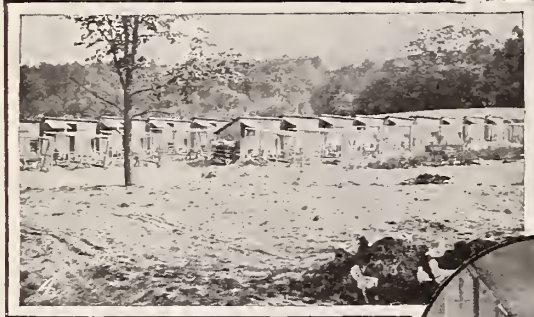
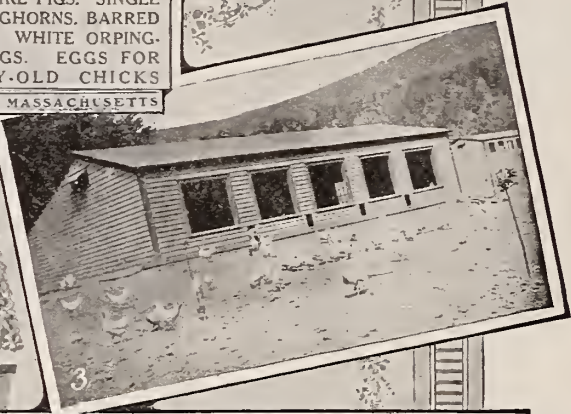
Mrs. J. W. Mize, Vaughns Mill, Ky., won in the 1912 Successful Farming Hatching Contest, hatching 105 chicks from 105 fertile eggs.

Can you equal such records—certainly they can't be beaten. Where can you buy such hatching efficiency for the money? The reason is because Wisconsins have double walls, dead air spaces, double glass doors, copper tanks and boiler, nursery, Tyco's Thermometers, are self-regulating, well made of California Redwood, natural finish, complete—set up ready to use. Brooders equally well constructed, hover, safety oil lamp, wire yards—both the best in every way. Order a pair on my liberal 30 day trial—5 year guarantee and be convinced. Or write for catalog. The publishers of this paper vouch for my responsibility. (14)

WISCONSIN INCUBATOR CO., T. J. COLLIER, Mgr. Box 59 RACINE, WIS.



THE BROOKSIDE FARMS
 BREEDERS OF JERSEY CATTLE.
 WHITE YORKSHIRE PIGS. SINGLE
 COMB WHITE LEGHORNS. BARRED
 PLYMOUTH ROCKS. WHITE ORPING-
 TONS. TABLE EGGS. EGGS FOR
 HATCHING. DAY-OLD CHICKS
 GREAT BARRINGTON, MASSACHUSETTS



1. Breeding House. Central portion having grain bins and machinery on first floor, sleeping quarters on second floor. Entire length of building 270 feet. Section of granary at left of picture
 2. Rear of breeding house showing runs
 3. One of fourteen range houses
 4. A colony group
 5. Pens in breeding house
 6. A section of the brooder runs
 7. Hallway in breeding house
 8. One corner of the range

In the above illustration may be seen several different views of the poultry plant at Brookside Farms, Great Barrington, Mass. This plant was established by Wm. H. Walker of New York, and is regarded as one of the most up-to-date in the country. Mr. Walker has spared no expense in its construction and there probably is no other poultry plant in the country where as much attention was given to sanitation as in the construction of this plant. In this particular it is a model for others to follow. The White Leghorns, Bared Rocks and White Orpingtons, as well as the Jersey cattle and Yorkshire pigs, enjoy the fresh air treatment the year around.

DEARBORN & SHARP

We are pleased to call attention to the great winnings made by Dearborn & Sharp of Blairstown, N. J., on their Single Comb Rhode Island Reds at the recent Passaic, N. J., Poultry Show, where they were awarded 1-2 cock, 1-3-4 hen, 1-2-3-4-5 cockerel, 1-2-3 pullet, 1-2 pens, the State Rhode Island Red cup, Association cup for best display and North American cup for best display in either the American, Mediterranean or Asiatic classes; medal for best bird in the American classes, medal for best bird in the show and a full set of thermometers given by the Taylor Instrument Co. of Rochester, N. Y., for the exhibitor securing the largest number of points. This is truly a record seldom made and reflects great credit on the quality of Dearborn & Sharp Single Comb Rhode Island Reds.

SINGLE COMB WHITE LEGHORNS

A Little Backward and Forward Look
By W. W. Kulp, Pottstown, Pa.

I have been going to the poultry shows since in the eighties and I have noted many things that have happened within that time, prominent among which is the changing of the Single Comb White Leghorn to a small bird again. I say, again for it was a rather small Leghorn back in 1890. At about that time, Mr. Whiting began breeding for a larger and better type of White Leghorn and about '96 or '97 was a prominent winner at the Garden, at which time much favorable comment was heard in favor of the increase in size. They have carried their size well up until three or four years ago when a change was noted and many of the winners since have been birds of smaller type. The size has gradually decreased until now we see blue ribbons being hung on narrow, frail birds.

If but a specimen now and then were small, like a winning pullet in a large class in a large city show, weighing not two and one-half pounds, if these were the only ones, but they are in every show I looked over.

It is a conceded fact that as a general class good layers are well built, the bodies are wide and deep rather than narrow and long. The present day winners are coming to be narrow and light boned. They are a type very different from those making the large egg record at Storrs.

I see only harm in breeding for this small narrow type. They will score high, in fact some pullets can be cut, but a few small cuts as the Standard is applied, but it is only a matter of time until the breed that is so very popular at present will be neglected again.

Personally I would be glad to see the Browns replace the Whites for I prefer them for market eggs if bred right, but if the Single Comb Whites get in disfavor, they will likely carry the Browns down to, unless they are especially bred for good fair size and good size of eggs. The size of the eggs is not left to the old high standard in some of the show strains I know. The winning birds today are all one strain, but different breeders have bred different lines, producing certain traits in their lines. I can name strains, and shows and birds individually wide apart, all showing this smallness. The birds are beautiful,

but of late years we have been heralding to the public that the winners as a rule are very practical birds. I

fear the Single Comb White Leghorn breeders as a whole, will not be able to do it unless there is a change.

1896 America's Best Buff Wyandottes 1913

Seventeen years my Buffs have been right at the top of the ladder. My winnings at the recent meeting of the American Buff Wyandotte Club again prove their superiority over all others. In the largest and best class ever shown, 267 birds in class, they won 1st and 6th pen, 2nd cock, 2nd hen, 2nd cockerel, 1st and 6th pullet, best display. Club Championship Cup for best cock, hen, cockerel, pullet and pen. 150 choice males and females for sale.

ANDREW RIDDELL,

GREENWICH, N. Y.

The Stove that Has Made Chick Raising Profitable
No Wick No Gas No Smoke
Direct Contact Burner **1500 Chicks Successfully Brooded Around One Stove**



Get a **SIMPLEX** Brooder Stove Now and Make Money This Season

Why continue out of date and inefficient brooding methods when a brooder stove will save you so much?

*The Simplex costs one-fifth as much as brooders.
You can run it in almost any room.
Requires less than one-tenth the time and work.*

You save the frightful mortality of the old style brooders. With the Simplex Brooder Stove you can really raise the young chicks. Don't think it is an untried experiment. Send to us for the evidence of success of this method. Let us show you how to do away with smoky and unreliable lamps and costly, cumbersome heaters and pipes. Don't fuss with the daily cleaning of small brooders or have any more smothered chicks.

The Simplex Brooder Stove is placed in the center of a room. It burns cheap, low-grade kerosene in direct contact burner. A simple, positive regulator keeps the temperature at 90 degrees automatically so that at a certain distance from the stove the chicks instinctively find just the temperature they want. They form a circle at that distance with their backs to the heat when they sleep. They scratch and eat in about that belt of heat by day. They grow up happy and contented, strong and healthy, because the conditions are so nearly like those of Nature. You can go to bed happily, too, and sleep all night, knowing that the Simplex is faithfully mothering your chicks. It won't go out. It won't smoke. The Simplex is fully covered by patents.

We want you to know more about the Simplex method and will gladly send our catalog free without obligation of any kind on your part. Will you write for a copy today? Better just spend a penny for a post card to see if you can make more money our way. Better do it now so you can order a stove quick if you decide to change.

SIMPLEX BROODER STOVE CO.,

136 Fourth Street, GRAND RAPIDS, MICH.

Orpingtons of Quality S. C. Whites, Blacks and Buffs

We certainly have birds of beauty, the best we ever owned from America, and Europe's greatest prize winners and layers. Our eggs produce winners in every direction. One customer *holds the record of capturing all ribbons and 6 Silver Cups at one show in warm competition.* Can you beat it? Eggs only \$3.00 to \$5.00 per setting, \$15.00 and \$25.00 per hundred. *Why pay more?* Stock for sale. Birds imported if desired. Catalogue Free.

BRUCE CROFT ORPINGTON BREEDERS,

Telephone 740.R,

LYNBROOK, L. I.

CLASSIFIED ADS.

RATES:—Classified advertisements will be inserted in this department of AMERICAN POULTRY WORLD at 5 cents a word per month for one or two months, or at 4 cents a word per month for three or more months. Change of copy allowed quarterly without extra cost. No order accepted for less than 50 cents for each insertion. Numbers, initials and abbreviations count as words. No display allowed other than initial word or name.

TERMS:—Cash with order and copy of advertisement. Positively no exceptions to this rule. Please count the words correctly to avoid delay in publishing. Write copy of your advertisement plainly to insure its appearing correctly. Copy must reach AMERICAN POULTRY WORLD office by 18th of the month preceding date of issue.

AMERICAN POULTRY WORLD is furnished every classified advertiser without charge during the time his advertisement appears in these columns.

We guarantee to publish an average monthly circulation of 45,000 copies during the year ending with April, 1913.

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ANCONAS

SHEPPARD'S FAMOUS ANCONAS. The world's best. Single or Rose Comb. First at world's greatest shows, including London, England, Madison Square and Cleveland. Greatest egg record—256 average. Catalogue Free. Cecil Sheppard, Box X, Berea, Ohio. President Ancona Club. 7-3-3

SINGLE COMB, some fine birds for sale, in young and old breeders, both males and females, correct type, color, comb and size. Orders booked now for hatching eggs for early spring delivery. Geo. C. Schwegman, Richmond, Ind. 3-2-3

My ANCONAS have won firsts at Buffalo, Cleveland, Jamestown, Olean, Stock, Eggs, Chicks, Mating list free. Wm. S. Rathbun, 8 Kingsbury Ave., Jamestown, N. Y. 3-4-3

ANCONAS—Eggs from my great winter laying strain and prize winners at shows. \$2.00 per setting of 15 eggs delivered free up to one thousand miles of Youngstown, Ohio. Fertility Guaranteed. Ten years Ancona Breeder. A. J. Francis, Youngstown, Ohio. 3-4-3

Winegartner's Superb strain **MOTTLED ANCONAS**, bred to lay. Stock and Eggs for sale. G. T. & G. A. Winegartner, Box C. New Castle, Pa. 3-4-3

ANCONAS—Splendid Egg Laying, Prize Winning Strain, Two pens, Size and quality unsurpassed. Eggs \$3.00 and \$1.50 per 15. Circular free. L. C. Bingham, Malta, Ohio. 1-2-3

ANCONA cockerels \$3.50 up. Egg orders booked, Catalog for a stamp. R. W. Van Hoesen, Franklinville, N. Y. Editor Ancona World, Pres Ancona Club. 1-2-3

ANCONAS—Eggs for hatching from Blue Ribbon and Special prize winners and unexcelled layers. Member Ancona Club. Marion Hill, Geneva, N. Y., R. No. 4. 12-1-4

Bred from prize winning Blackbird **ANCONA**, 240 egg strain. Write for circular. Jersey Leghorn Farm, Syracuse, N. Y. 1-2-3

ANCONAS—Exhibition stock. Send for circular. Eggs reasonable. W. H. Nagel, Franklinville, N. Y. 1-2-3

ANDALUSIANS

ROSE COMB BLUE ANDALUSIANS Stock and Eggs for sale. Joseph Roehrig, Maspeth, Long Island. 4-4-3

BANTAMS

The **PAINÉ STRAIN OF BLACK COCHIN** and **LIGHT BRAHMA BANTAMS** have won highest honors at America's largest shows. Try them and Win too. A. I. Paine, Whitman, Mass. tf

LIGHT BRAHMA BANTAMS. J. Hart Welch, Box W., Douglaston, Long Island, N. Y. 6-3-3

BANTAM SPECIALIST. Buff, Black, Partridge Cochins and Light Brahmas. I ship on approval—Circular Free. Geo. C. Salmon, Port Dickinson, N. Y. tf

RARE BARGAINS—Golden and Silver Sebright, Buff, Black, White and Partridge Cochins, Rose Comb Black, Red Pyle and Black Red Game Bantams, 1000 Birds. Proper & Son, Schoharie, N. Y. 12-7-13

BANTAMS—"Classy" Red Pyles, bred from best imported and home bred birds. Also Black Cochins Bants. Usually have a choice few to spare. Eggs in season. "Zim," Gloversville, N. Y. 3-2-3

ROSE COMBS BLACK BANTAMS, show birds for sale. Evalena Witbeck, Burnt Hills, N. Y. 3-2-3

"MOHAWK" STRAINS SUPERIOR. Black Reds, Silver Duckwings, Red Pyle Game, Partridge and Buff Cochins. Shipped on approval. **EGGS** Mohawk Bantam Yards, Box H, Schenectady, N. Y. 3-3-3

BANTAMS—34 varieties, Stock for Sale, Egg orders booked. Send 2c stamp for circular. A. A. Penn, Box 44, Delavan, Wis. 6-6-3

BLACK, BUFF AND WHITE COCHIN and **GOLDEN SEABRIGHT BANTAMS.** Choice stock for sale. Minsi Trail Bantam Yards, Bethlehem, Pa. 4-3-3

America's greatest winning strain of **BUFF COCHIN BANTAMS.** Have pleased noted breeders and can please you. B. O. Schilling, Linden Road, R. F. D. No. 1, Rochester, N. Y. 12-1-4

Superb Seabrights, Rose Combs and Buff Cochins **BANTAMS**, stock and eggs. M. K. Miller & Sons, Pottstown, Pa., Breeders & Importers. 1-2-3

GRAND BLACK RED GAME BANTAMS for immediate disposal; exhibition or breeders. Alexander Meyer, 477 Glenwood Ave., Rochester, N. Y. 1-2-3

BRAHMAS

LIGHT BRAHMAS. Ours win and lay. S. S. Newton, Ballston Spa., N. Y. 3-2-3

GIANT LAY AND WEIGH STRAIN, Light Brahma cockerels, Extraordinary beauties \$5 and \$8 each. M. H. Nolan, Stratford, Conn. 6-6-3

BUCKEYES

This season won more firsts and specials than combined competition; New York, St. Louis, Sedalia, Memphis. Hatching eggs ready. Free catalogue. A. H. Weisberg, Nevada, Mo. 5-6-3

BUCKEYES—3 firsts, 2 seconds, 1 fifth with color and shape specials at Boston 1913—35 firsts, 25 seconds in 2 years. C. R. Wheeler, Manchester, Conn. 3-4-3

BUTTERCUPS

For Sale **SICILIAN BUTTERCUPS** imported stock, choice trios \$10, cockerels good color and fine cut comb \$3. Eggs in season, all infertiles replaced free. George Austin, Norway, Me. 1-2-3

CHANTECLER STRAIN BUTTERCUPS, quality as good as any, better than most, plus constitutional vigor. Early booked orders, avoid disappointments. Circular, infertiles replaced. Chantecler Poultry Plant, Ulster, Pa. 3-3-3

BUTTERCUPS exclusively. None better bred. Eggs from very select pens, \$10, \$6.00 and \$3.00 per 15. Good utility stock \$18.00 per 100. Catalogue Free. Secretary American Buttercup Club, Factoryville, Pa. 3-3-3

CAMPINES

CAMPINES—For Kennedy's Improved Champion Strain see advertisement on inside front cover. tf

SILVER AND GOLDEN CAMPINES. Silver and Gold Penciled Hamburgs. Stock for sale. Some Madison Square Garden winners. Eggs for hatching in season. D. W. Pfautz, Box 262, Litzitz, Pa. 3-2-3

SILVER CAMPINES—Importers—Breeders, Improved English type. Van Schelle—Jones and Edwards strains direct. First cockerel, Kansas City, Chicago, 1910. Second pullet Crystal Palace, 1912. Second pullet Madison Square 1912. No better anywhere, at any price. Seven years mating and specializing Silvers only. Booklet free. Thomas Keeler, Waverly, N. Y. 3-4-3

"STERLING" SILVER CAMPINES, Improved English Type. Eggs for hatching. Booklet Free. Dr. William W. Bush, Rushford, N. Y. 3-4-3

SILVER CAMPINES—Jacobus strain. Pure white eggs from extra fine stock averaging 200 eggs \$2.50 for 15. Order at once for early delivery. Martling Hennyery, Ridgefield, N. J. Box 180. 6-7-3

SILVER CAMPINES bred from Imported Stock and our Madison Square Garden winners. Eggs \$5.00 for 15, \$10.00 for 50—\$18.00 per 100. Hillcrest Farms, Oakford, Pa. 4-5-3

SILVER CAMPINES—Limited number of settings from blue ribbon winners. Send for price list. Elmer W. Powers, Ashville, N. Y. 1-2-3

SILVER & GOLDEN CAMPINES. Our birds have proven by their winnings that they are the world champions of them all. See our advertisement on cover 3. Manhattan Farms, Geo. E. Noeth, Owner, Brighton, N. Y. tf

DORKINGS

SILVER GREY DORKINGS. To make room, I am compelled to sell all this year's breeders. Fine chance if taken at once. M. R. Jacobus, Box No. 3, W. Ridgefield, N. J. tf

RALPH CHANT, JOHNSTOWN, N. Y. Dorkings won 3 firsts, Madison Square Garden, New York, 1913. 3-4-3

DUCKS

Cook's American Standard **FAWN AND WHITES.** The oldest large white egg strain. Cook is an Indian Runner expert and furnishes the quality to win anywhere. Exhibition, breeding and utility stock. Circular. Irving E. Cook, Munnsville, N. Y. 6-2-3

All interested in Breeding and Rearing Ducks and wish to secure Book on all varieties and wishing to buy Indian Runner Baby Ducklings or Hatching eggs, see ad of M. L. Beebe, Chatham, N. Y. on page 316. tf

FAWN-WHITE AND PENCILED RUNNER DUCKS, bred to lay winners at Pittsburg, Columbus and Youngstown. No stock for sale. Booking orders for eggs—\$2. to \$5.00 per setting. R. F. Lower, Columbiana, Ohio. 3-4-3

WALTON PENCILED INDIAN RUNNERS—from importation of Mrs. Brooks. Eggs from Cumberland pens \$2.50 per 15. Also White Wyandottes. Circular Mrs. Harry Briggs, Honeoye, N. Y. 3-4-3

Prize winning Mammoth **PEKIN DUCKS.** Eggs \$1.00 per 12. Circular Free. J. E. Montgomery, Nashport, Ohio. 4-5-3

FAWN AND WHITE INDIAN RUNNERS. Fancy Stock, white eggs two dollars a setting of 11. Albert Ackerman, Allendale, N. J. 3-3 3

THE LARGEST FLOCK OF FAWN AND WHITE INDIAN RUNNER DUCKS in the World. Breeding stock, Ducklings and eggs for sale. Twin Oaks Farm, Palmyra, Pa. 3-3 3

NINE REASONS WHY Indian Runner Ducks should be raised instead of chickens. Interesting circular free. Dr. B. Prudhomme, Thurmont, Md. 4-4 3

GEESE

FOR SALE—Mammoth Toulouse Geese. On account of failing health will close out my entire flock at greatly reduced prices. Address Mrs. W. T. Long, R. No. 5, Urbana, Ohio. 3-2 3

HAMBURGS

"DOPP'S" IDEAL SILVER SPANGLED HAMBURGS. Winners at New York State Fair 1912, Grand Central Palace 1912, Madison Square Garden 1913, Utica, Johnstown, Frankfort, Cambridge and many other leading shows. Utility and exhibition stock. Eggs in season. Prices right. H. H. Dopp, Box A, Dolgeville, N. Y. 2-3 3

HOUDANS

ABERNETHY'S HOUDANS. Winners New York, Boston, Philadelphia, Hagerstown, Brocton, etc. They look well, win well, lay well. Better buy the best. Stock and Eggs reasonable. Jas. Abernethy, Main St., West Pembroke, Maine. tf

FOR SALE 40 selected HOUDAN cockerels. Prices very reasonable for quality of stock. These birds are dark in color, good combs, beard and muffs, with good fifth toes. Will make fine breeders. A. H. Wood, Cohocton Houdan Yard, Painted Post, N. Y. 1-3 4

LANGSHANS

Winners at Boston and other large New England shows. **ROBINSON'S LANGSHANS** Black, White. Fertility guaranteed. Write for mating list. Robinson's, West St., So. Weymouth, Mass. 3-4 3

LEGHORNS—BROWN

LAMSON'S ROSE COMB BROWN LEGHORNS are bred to lay. Baby chicks from layers. \$15-hundred. Winners Madison Square and leading shows. Eggs for hatching. Circular. H. S. Lamson, Box C, Cameron, N. Y. tf

ROSE COMB BROWN LEGHORNS fit to win. Our 12 years' continuously breeding and exhibiting Leghorns helps us, and we can help you. Trios, pens or singles at honest prices. W. T. Liddell & Son, Greenwich, N. Y. 3-2 3

COCKEREL LINE, SINGLE COMB BROWN LEGHORNS, Boston, 1911, five firsts, best display; Madison Square, 1910-11, four firsts, best display. Cockerels three to five dollars. B. W. Hubbard, 49 Lafayette St., New Haven, Conn. 3-2 3

LEGHORNS—BUFF

SINGLE COMB, some grand birds for sale, in young and old breeders, both males and females. Perfect in color, type, size and comb, grand egg producers. Orders booked now for hatching eggs, for early spring delivery. Geo. C. Schwegman, Richmond, Ind. 3-2 3

Fiske's Rose Comb **BUFF LEGHORNS** have won more prizes at Madison Square Garden than all their competitors together. Catalogue Free. Howard J. Fisk, Box N. Falconer, N. Y. 3-4 3

Ames Standard Line-bred **S. C. BUFF LEGHORNS.** Ten breeding pens. Booking orders for Eggs and Day-Old Chicks. Choice cockerels for sale. Mating list free. O. C. Ames, Fredonia, N. Y. 3-4 3

S. C. BUFF LEGHORN eggs from prize winners at latest Boston, Providence and Worcester shows. George S. Whittemore, Leicester, Mass. 3-4 3

GOLDENGLØ SINGLE COMB BUFF LEGHORNS—exhibition—egg basket strain. Eggs from winning pen 15—\$2. Comrade Poultry Yards, Bucyrus, Ohio. 1-2 3

LEGHORNS—COLUMBIAN

COLUMBIAN LEGHORNS, 1st and special Baltimore. 1st Providence R. I., and Special for best shaped Leghorn. Eggs \$2.50 per 13. B. Smith, Sta. F. Baltimore, Md. 3-4 3

LEGHORNS—WHITE

S. C. WHITE LEGHORNS—200 cockerels, pullets, April hatched, large white, vigorous birds, World's best laying strain, winners at all shows. D. Schaller, Clark, Pa. 5-2 3

UTILITY S. C. W. LEGHORNS—Chicks \$15; eggs \$6 per 100. Noan C. Stabley, Red Lion, Pa. 4-3 3

S. C. W. LEGHORNS—Hatching eggs, fertility guaranteed. Day old chicks, born with the hustle in them. Safe delivery guaranteed. Special sale mature cockerels, \$2.00 each. Mount Pleasant Farm, Mount Pocono, Penna. 6-5 3

SINGLE COMB WHITE LEGHORN cockerels. Heavy laying strain, \$2.00 each. Dodge Poultry Farm, Oakfield, N. Y. 3-2 3

Swastika Strain SINGLE COMB WHITE LEGHORNS AND ORPINGTONS. Stock for sale. Eggs for hatching at reasonable prices. They win and lay. Write for catalogue and mating list. Swastika Poultry Yards, Plano, Ill. 3-2 3

SINGLE COMB WHITE LEGHORNS "the egg kind" Single birds or well mated pens. Mating list soon ready. Prices reasonable but quality high. Write your wants. G. B. Norris, Columbus, Ohio. 3-3 3

VIGOROUS BABY CHICKS, S. C. WHITE LEGHORNS, Blanchard—Young's Strain, Standard Utility, Free range. Eggs for hatching, Circular free. Leon Niece, Stockton, N. J. R. D. 4-4 3

BABY CHICKS, S. C. WHITE LEGHORNS ONLY. Young, Rice and Cornell Exp. Stations, strains, from farm raised selected stock, \$10 per 100, after April 1st. Safe arrival guaranteed. C. F. Ingoldsby, Hartwick Seminary, N. Y. 4-4 3

SINGLE COMB WHITE LEGHORNS: Wyckoff Strain. Hatching eggs from heavy laying stock. \$1 per 15; \$4 per 100. Frank L. Miles, Dundee, N. Y. 1-2 3

Snow White Poultry Yards, Gregory's **SINGLE COMB WHITE LEGHORNS,** greatest winter egg producers, Eggs \$1.50 per 15; \$6.00 per 100. 90 per cent. fertility guaranteed. Baby Chicks 20c. \$15 per 100. J. E. Gregory, R. D. No. 4, Horseheads, N. Y. 3-4 3

Eggs For Hatching—Lakewood Strain—**S. C. W. LEGHORNS** bred to lay. \$6 and \$8 per hundred. R. B. Hoffman, Geneseo, N. Y. 2-3 3

Tomlinson's **S. C. WHITE LEGHORN** Eggs for Hatching, Cockerels and Breeding Stock. A Strong Strain of Heavy Layers, Raised under absolutely sanitary conditions. Everett R. Tomlinson, 414 East Main St., Batavia, N. Y. tf

S. C. WHITE LEGHORNS. Raised on free range, selected for style and heavy laying. Utility pens 2 yrs. old hens mated with fine cockerels from trap nested stock. Eggs 100—\$5.00; 50—\$3.00; 15—\$1.50. Brookside Poultry Farm, Berlin Heights, Ohio. Box 95. 1-2 3

SINGLE COMB WHITE LEGHORNS. Eggs for hatching \$5 per 100, from 200 select yearling hens. \$3-15 from 3 extra choice matings. All blue ribbon winners. Day old chicks, \$10 per 100. Circulars. E. L. Lane, Trumansburg, N. Y. 3-3 3

S. C. WHITE LEGHORN Cockerels, \$3 and up. A. W. Willard, Jr., Perry, N. Y. 1-2 3

S. C. WHITE LEGHORNS (Young's strain) Stock, Eggs and Day-old Chicks for sale. Eggs \$1.00 per 15; \$5.00 per 100. Day-Old Chicks 15 cents each. \$12 per 100. C. L. Stevens, Valois, N. Y. 4-5 3

S. C. WHITE LEGHORNS, Wyckoff and Young, pure and separate. Pens, Cockerels, Hens, Pullets, Chicks, March first. Eggs for hatching. Write for circular. Ralph C. Fox, R No. 4, Mansfield, Pa. 3-4 3

Wyckoff Strain Utility **S. C. W. LEGHORNS,** Eggs for hatching and day old chicks. All breeding hens trap nested. Clover Range Poultry Farm, South Branch, N. J. 3-4 3

S. C. WHITE LEGHORNS, males \$1.50 up. Females \$1.00 up; mated pens at surprising prices. Eggs for hatching. Fairfield White Leghorn Yards, Amanda, Ohio. 1-2 3

SINGLE COMB WHITE LEGHORNS, Wyckoff Strain direct. World's greatest layers. Guaranteed to please. Baby chicks \$10 per 100. 12c each. R. H. Patterson, Panama, N. Y. 1-2 3

SINGLE COMB WHITE LEGHORNS, Utility and Exhibition stock, Bred to lay and win. Write for our mating list. Maple Glen Poultry Farm, W. Pawlet, Vt. 1-2 3

Wyckoff's **WHITE LEGHORNS** exclusively. Raised in open front houses. Eggs and Chicks from two year old hens only, no pullet breeding. Write for terms. Satisfaction guaranteed. Oakdale Farms, Chester, N. J. 3-4 3

ROSE COMB WHITE LEGHORNS;—Cockerels, Hens now. Baby chicks and Egg orders booked now. Circular. P. Augustin, 7 Orland, Ill. 3-4 3

S. C. WHITE LEGHORNS, Eggs for hatching. All classes stock. Corning-Rancocas Strains, yours for a square deal. East View Poultry Farm, Barneveld, N. Y. 3-3 3

S. C. WHITE LEGHORN eggs for hatching, \$6, \$8, \$10 per hundred. Heavy laying strain, Healthy, vigorous stock. Pullets for fall delivery. A. Hooker, Stonywood Farm, Geneseo, N. Y. 3-3 3

WILLCOX'S WHITE LEGHORNS, Continuously bred thirty years for practical and standard requirements. Winners wherever exhibited. Stock and Eggs. S. K. Willcox, Smyrna, N. Y. 6-6 3

D. W. YOUNG STRAIN WHITE LEGHORNS, a few extra good cockerels, \$3.00 and \$5 each. Yearling hens \$1.00. Chas. F. Schwab, Bradford, Pa. 3-3 3

WYCKOFF-BLANCHARD S. C. WHITE LEGHORNS, 20 years with these strains. Hatching eggs, day old chicks, great specialties, Largest orders filled promptly. Fully guaranteed. Very high grade breeding stock on approval. Finest males possible. Furnished foundation stock for Corning plant. Bound Brook, N. J., Circular. C. N. Reynolds, Canton, Pa. 3-3 3

LEGHORNS — SEVERAL VARIETIES

S. C. BUFF & WHITE LEGHORNS: Prize stock—Bred to lay, Cockerels for sale. Eggs two dollars per 15. Albert Ackerman, Allendale, N. J. 3-3 3

MINORCAS—BLACK

KOEHLER'S SINGLE COMB BLACK MINORCAS win more blue ribbons than ever. Eggs from this fine big stock \$2 per 15, \$7 per hundred. J. C. Koehler, Quakertown, Pa. 3-4 3

SINGLE and ROSE COMB BLACK MINORCAS. Settle for your eggs after testing. R. E. L. Nicholson, Treasury Department, Washington, D. C.

MY S. C. B. MINORCAS will lay. Layers White eggs and more of them than any hens on earth, most profitable fowls raised. Eggs from large healthy birds, 12—\$1.50; 30—\$2.50; 100—\$7.00. Ingersoll, Poplar Poultry Yards, Stratford, Conn. 1-2 3

SINGLE COMB BLACK MINORCAS. Eggs and chicks from year old hens. Northup strain. Healthy, vigorous birds. M. Burnett, Cobleskill, N. Y. 1-2-3

ROSE COMB BLACK MINORCAS full Samuel's strain. Just won at Scranton show 1st cock and cockerel, 2nd hen and pullet. Have for sale cockerels, hens and pullets. Eggs 3 and 5 dollars per setting after March 1st. T. William West, Plymouth, Pa. 3-4-3

BLACK MINORCAS. Both Combs, unexcelled winter and summer layers of tremendous size eggs. \$2 and \$3 setting. Hundred Lots \$12. Chicks 25c. Satisfaction Guaranteed. S. Milner, Franklin St., Watertown, N. Y. 1-2-3

SINGLE COMB BLACK MINORCAS.—Northup Strain. Hatching eggs from heavy laying stock. \$1 per 15; \$5 per 100. Frank L. Miles, Dundee, N. Y. 1-2-3

SINGLE COMB BLACK MINORCAS. Northup-Page Strains. Prize winners, heavy layers. State your wants. Satisfaction guaranteed. E. A. Merriam, Gaysport, Ohio. 4-5-3

MINORCAS—WHITE

CLARKS WHITE MINORCAS. Line bred for 15 years. Eggs \$3, \$5 and \$15 per 15. L. D. Clark, Apalachin, N. Y. 3-4-3

SINGLE COMB WHITE MINORCAS. Stock and Eggs. Write for prices. A. T. Williams, Brown, W. Va. 3-3-3

MINORCAS—SEVERAL VARIETIES

ROSE AND SINGLE COMB BLACK AND ROSE COMB WHITE MINORCAS. 1913 Minneapolis winners. Birds & Eggs for Sale. A. R. Kibler, Omro, Wis. 3-4-3

ORPINGTONS—BLACK

BLACK ORPINGTONS for sale. Hens, pullets, cockerels \$2 and \$3 each. Rev. H. N. Van Deusen, Milford, N. Y. 3-2-3

BLACK ORPINGTONS. 10 Cockerels of fine quality for sale, 3 dollars each. Edward Karrow, 32 Bank St., Westfield, N. Y. 3-3-3

ORPINGTONS—BUFF

WILLARD'S CHAMPION BUFF ORPINGTONS. Three hundred birds for sale. Incubator eggs \$8, special matings \$3 to fifteen dollars setting. Catalog free. Willard Farm, Linden, Mich. 3-4-3

S. C. BUFF ORPINGTONS. Premium winners—winter-layers. Eggs from show birds \$5.00 per 15. Good Utility \$2.00 per 15. \$10.00 per 100. DeWitt C. Wiles, Fort Plain, N. Y. 3-4-3

"WILLARD'S CHAMPION BUFF ORPINGTONS win hundreds of prizes at Madison Square, Boston, Chicago, Detroit, etc. At great Michigan State Fair won nineteen of twenty firsts in past four years. One thousand old and young birds for sale. Utility \$2 each. Good breeders \$3. Show birds fit to win, having brilliant color, at reasonable prices. Catalog free. Write today. Willard Farm, Linden, Michigan. 4-2-3

S. C. BUFF ORPINGTONS exclusively since '91. State Cup winners past two seasons. Fine cockerels and pullets, Eggs \$3 setting. Joshua Shute, Meriden, Conn. 4-4-3

TRAPNESTED, PEDIGREED BUFFS. Heavy winter layers. Catalog Free. Chicks—Eggs. Albert Peters, 1041 Taylor Ave., Scranton, Pa. 3-3-3

ORPINGTONS—WHITE

Owen Farms **WHITE ORPINGTONS**, a great egg producing strain; best American and Imported Blood-cockerels \$2 to \$10. Pens \$10 and \$15. Eggs in season, all infertiles replaced free. George Austin, Norway, Maine. 1-2-3

KELLERSTRASS and **OWEN** Strains **WHITE ORPINGTON** Eggs \$3.00—15; \$5.00—30; from my Blue Ribbon and Special Prize Winners. Cockerels \$5.00. Albert Rohange, Melville, R. I. 3-4-3

ROSE COMB WHITE ORPINGTONS exclusively. "America's Best" Boston, Phila, Hagerstown, Allentown, Williamsport winners. Eggs reasonable, Circular. Wm. Seidel, Washingtonville, Pa. 3-4-3

WHITE ORPINGTONS exclusively—Now booking orders—Eggs—Day-Old Chicks from selected matings. If you want a Square Deal, try [] Deal Poultry Farm, Plano, Ill. 3-4-3

KELLERSTRASS WHITE ORPINGTONS. Trio, Five dollars up. Fine cockerels, three dollars. Eggs in season ten cents each. Dr. MacClymont, Friendship, N. Y. 3-4-3

TWENTY-FIVE DOLLARS REWARD—Will be paid to the person hatching the greatest number of chickens from a single setting of fifteen eggs if purchased from L. O. McKee & Co., Crystal White Orpington Specialists. Stock For Sale. Salisbury, Mo. 3-4-3

KELLERSTRASS CRYSTAL WHITE ORPINGTONS. Stock and eggs for sale. Heavy **WHITE** birds, Prolific layers. Mrs. A. R. Stickle, Macomb, Ill. 3-4-3

Utility Strain **S. C. WHITE ORPINGTONS.** Egg producers and prize winners. We breed one kind of birds of Good Quality. Win at the best shows and sell at moderate prices. Mrs. H. E. Abell, Stevenson, Minn. 1-2-3

KELLERSTRASS WHITE ORPINGTONS. The great layers. Eggs \$3—15; Chix 30c each. Special prices on larger quantities. Order now to avoid rush. Satisfaction guaranteed. J. Edgar Mills, R. F. D. No. 2, Middletown, N. Y. 3-4-3

ROSE AND SINGLE COMB WHITE ORPINGTONS. Madison Sq. Boston, Providence, 1912-13 blue ribbon winners. Richardson Farms, Apponaug, R. I. 1-2-3

Have forty grand **WHITE ORPINGTON** cockerels bred from a \$50 male bird. \$5.00 each. Hill 296 North Seventh St., Newark, N. J. Tel 235-J.B.B. Money refunded.

SPECIAL SALE of Surplus stock **WHITE ORPINGTONS**, bred from our strongest matings, true Foxhurst quality. Fifty cockerels and pullets, as long as they last. Pullets \$3.50, cockerels \$5.00 and \$7.00 Good color, size, no disqualifications, ready to lay. Foxhurst Farm, Lime Rock, Conn. 1-2-3

KELLERSTRASS CRYSTAL WHITE ORPINGTONS stock from \$150 trio, cockerels \$2 and up. Eggs ten cents each. Chas E. Baker, Andover, N. Y. tf

OUR FOUNDATION \$100 pen, eggs from Kellerstrass Best Mating direct. Eggs \$1.50 and \$2.50 per 15. Stock for sale, circular. White Orpington Farm, Niobe, N. Y. 3-3-3

TRAPNESTED PEDIGREED WHITES. Heavy winter layers. Catalog Free. Chicks—Eggs. Albert Peters, 1041 Taylor, Scranton, Pa. 3-3-3

WHITE ORPINGTON pullets and cockerels bred for winter layers \$2 & \$3. Eggs in season. J. Hargraves, Norwalk, Ohio. 3-3-3

1912 BROCKTON FAIR, visited by President and Mrs. Taft, 2 first, 2 seconds, one third. White Orpingtons from Cook's \$80 pen, \$20 setting, other prize stock. Eggs \$3 setting. Reference—Home National Bank, Brockton, Joseph Demenkow, 37 Dover St., Whitman, Mass. 3-3-3

S. C. WHITE ORPINGTONS—Jackson strain. Prolific layers. Choice matings. Eggs \$2-15. Order now and give shipping date. C. R. Adrian, Mingo Junction, Ohio. 3-3-3

ORPINGTONS—SEVERAL VARIETIES

ROSE COMB BUFF, BLACK, AND WHITE ORPINGTONS. Madison Square Garden, Chicago, Cleveland and Detroit winners. H. C. Faulkner, Marshall, Mich. 6-2-3

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. tf

DIAMOND JUBILEE AND BLACK ORPINGTONS. Beauties, grand layers, large birds. Fine specimens for sale. Eggs in season. Rev. W. Berberich, Groton, New York. 3-2-3

ROSE COMB BUFF AND BLACK ORPINGTONS. Madison Square, Kansas City winners. C. O. Penrod, Piqua, Ohio. 3-4-3

Our heavy winter laying **BLACK** and **WHITE ORPINGTONS** are ready for your baby chick orders—Exhibition stock \$1 each. Graded utility in lots of Twenty-five or more, fifty and twenty five cents apiece. Green Villa Poultry Plant, Route 1, Elmira, N. Y. 1-2-3

JUBILEE ORPINGTONS—Beautifully illustrated catalogue and Orpington Magazine 1 year 10c. Chevot Farms, R. No. 6, Cincinnati, Ohio. 3-4-3

WORLD'S BEST ORPINGTONS. Single and Rose Comb White, Buff, Black. Eggs \$3.00—\$5.00 per 15; \$12.00 per 100. None better. Haupt's Farm, Easton, Pa. 3-4-3

PLYMOUTH ROCKS—BARRED

BARRED ROCK BREEDERS. Send 50c for National Barred Rock Journal one year. The only monthly magazine issued wholly in the interests of the Grand Old Breed. W. L. Robinson, Pub., Union City, Mich. tf

BARRED ROCK eggs for hatching, Bradley Strain, cockerel and pullet mating. H. E. Hough, Bangor, Mich. 2-3-3

E. B. THOMPSON'S RINGLETS direct. A very few extra choice eggs; big, vigorous stock; bred from winners. Best New York winning blood from proven breeders. I have spared neither pains nor money. Wm. Huckle, Waverly, N. Y. 3-4-3

BARRED PLYMOUTH ROCKS—Pittsfield Strain, well developed cockerels and pullets for sale, also Baby chicks, eggs in season. E. E. Lewis, Apalachin, N. Y. 3-3-3

PARKS' 200 EGG BARRED ROCKS. Pens headed by sons of 217, 238, 242 egg hens. Hens with sworn records, 217, 225, 237, 238, 246, 247 eggs. Eggs for hatching. Circular Free. Frederick Matteson, 3838 Woodley Lane, Washington, D. C. 3-3-3

BARRED ROCKS—Thompson's "Ringlets" Direct, Large well matured birds with clear snappy barring. Eggs from choice matings \$1.50 per 15. \$7.00 per 100. Milton Fox, Palmyra, Pa., Dept. A. 3-3-3

PLYMOUTH ROCKS—BUFF

Eggs for hatching from Poley's Strain **BUFF PLYMOUTH ROCKS.** D. H. Scott, South Branch, N. J. 3-4-3

BUFF ROCKS, Poley's Strain, winners at Allentown, Fair, Bethlehem, Cata-sauqua, Pa., Eggs \$2 to \$5 per setting. Write for mating list. Billheimer & Kratzer, Allentown, Pa., Route 1. 3-4-3

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PLYMOUTH ROCKS—COLUMBIAN

Farmer's money makers. **COLUMBIAN ROCKS**, beauties, eggs delivered \$2.00 setting. Park Farms, Pulaski, N. Y. 4-5-3

PLYMOUTH ROCKS—PARTRIDGE

PARTRIDGE PLYMOUTH ROCKS—both sex, Males strongly striped, rich color, females of equal quality and type. Write for prices. C. E. George, Union City, Mich. 3-3-3

PARTRIDGE ROCKS, Choice and utility cockerels and few pullets, from prize winning stock. Nofztger's strain, eggs in season. Chas. A. Kellogg, Cambridge, Ill. 3-3-3

PARTRIDGE ROCKS—size, shape, color and price right. Stock & Eggs. M. K. Miller & Sons, Exporters, Pottstown, Pa. 1-2-3

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CHAMPION PARTRIDGE ROCKS at Madison Square Garden for the past 5 years. We did not exhibit this year but bred winners for Chicago, Boston, Atlanta, Los Angeles and many other shows. Free catalogue. Hillcrest Farms, Oakford, Pa. 3-4-3

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WHITE PLYMOUTH ROCKS, eggs and baby chicks, catalogue free. Philip Condon, Route 16, West Chester, Ohio. 3-4-3

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RHODE ISLAND REDS. Eggs \$2.00 setting; utility \$7.00—108. See page 332. W. S. Harris, Mansfield, Mass. 3-2-3

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MOORE'S 200 EGG S. C. REDS. Bred to lay and show. Heavy laying pens headed by prize winners. 15 guaranteed eggs, \$2.00. Circular free. Chas. S. Moore, Bethesda, Md. 3-3-3

AUSTIN 200 EGG STRAIN SINGLE COMB RHODE ISLAND REDS. Standard bred red to the skin. Eggs for hatching \$3.00, \$5.00 and \$10.00 per setting 15. Utility \$6.00 per 100. 90 per cent. fertility. Baby chicks, Cockerels, Pullets, Yearlings. Austin's Poultry Farm, Box 25, Center Harbor, N. H. 3-3-3

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Oriole Poultry Farm, **ROSE COMB REDS** exclusively. Tuttle strain, Silver Cup winners, send for free circular. Eggs from free range birds, 15 \$1.00, 100—\$4.00. J. D. Keefer, Millersburg, Pa. 3-4-3

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ROSE COMB REDS—We won state cup at Big Camden Show just held. Breeding stock always for sale. Eggs from best matings \$2, \$3 and \$5 setting. Mohawk Poultry Farm, Merchantville, N. J. 3-3-3

Correctly Mated Trios **S. C. REDS** at \$10 Stock shipped on approval. Eggs for hatching from my prize winners, \$3 per setting. Harvey R. Vanderslice, Boyertown, Pa. 3-3-3

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PARTRIDGE WYANDOTTES, GOLDEN SEBRIGHT BANTAMS and PEARL GUNEAES, \$2.00 each, \$5.00 trio. A few yearlings at a bargain. Ravine Poultry Farm, Almond, N. Y. tf

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S. C. WHITE ORPINGTONS, S. C. MOTTLED ANCONAS—Eggs for hatching, Baby chicks, Cockerels, Catalogue free. One cycle hatcher (50 eggs) good as new price \$3.75. F. G. Stone, 24 Franklin Ave., Lockport, N. Y. 3-4-3

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DAY OLD CHICKS—S. C. White Leghorns, fifteen dollars per hundred. Husky chicks full of ginger. Order from this advertisement and save time. Woodlands Farm Inc. Box W. Iona, N. J. 1-2-3

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BABY CHICKS from big S. C. White or Brown Leghorns, 10—20c each. Breeder 15 years. Wm. Gray, Warren, Pa. 4-5-3

BABY CHICKS. The quality kind. S. C. W. Leghorns. Young's strain \$10 per 100. Eggs \$5 per 100. White Rocks \$12 per 100. Eggs \$6 per 100. Leghorn cockerels \$2. Winans & Coffin, Stanfordville, N. Y. 1-2-3

BABY CHICKS 10c each. Place your order now no money required, you don't have to help me pay for big ad to sell my babies. Send postal free. Catalog. S. C. White Leghorns Exclusively. Eggs for hatching. Fulton Market Poultry Farm, Youngstown, Ohio. 3-4-3

QUALITY BABY CHICKS 10c. Leading varieties, expressage paid, order now for early delivery. Handsome catalogue Free. Write us. South Kenton Poultry Farm, Kenton, Ohio. 4-5-3

BABY CHICKS Heavy laying S. C. W. Leghorns. Young's & Wyckoff strains exclusively, on free range 10 cents each. Indian Runner Ducklings 20 cents each. Eggs \$6.00 per hundred. Beaver Dam Poultry Farm, Montgomery, N. Y. 3-4-3

VITALITY BABY CHICKS from large pure white yearling hens. Single Comb White Leghorns 10 cents each. Also White Orpingtons. Eggs for hatching. Circular. Hillcrest Poultry Farm, Box 182, Chili, N. Y. 3-4-3

BABY CHICKS, Eggs for hatching from show and heavy Egg type. White Wyandottes. Write for prices. Robert Fetrow, Etters, Pa. 3-4-3

SINGLE COMB WHITE LEGHORN CHICKS. \$12.00—100. Single Comb White Orpingtons \$25.00 per 100. \$15.00 per 50. None better. Haupt Hatchery, Easton, Pa. 3-4-3

S. C. White Leghorns, Young's Strain **BABY CHICKS**, 10 cents each, strong and sturdy, guaranteed from my carefully mated, bred-to-lay strain, also eggs for hatching, \$4 per hundred, \$1 per 15. H. D. Salton, Walton, N. Y. 3-4-3

MISCELLANEOUS

BENNETT'S POULTRY RECORD and Expense Book keeps daily account of eggs collected and sold, 25c. Money back if not satisfied. Agents wanted. E. W. Bennett, Box 656 K, New Britain, Conn. 3-2-3

RATSDATH: clear rats and mice like magic, drives them out to die, leaves no smell from dead ones. Money back if it fails to work, price 25 cents. Joseph Demenkow, 37 Dover Street, Whitman, Mass. 3-3-3

NO MORE SCRATCH GRAINS NEEDED when feeding **HEN-O-LA DRY MASH**. Write for booklet and prices to Hen-O-La Food Co., P. O. Box 405 W. Newark, N. J. 12-9-3

EGGS FOR HATCHING, \$2.50 & \$4 a setting. Choice cockerels that fit the proposed standard. Fred Fenn, R. D. No. 3, Torrington, Conn. 3-4-3

WHITE FACED BLACK SPANISH, Three cockerels, two pullets, one cock, two hens, for sale. Jno. W. Houston, Carlisle, Pa. 1-2-3

ORR'S CHICK FEED. The best chick feed now on the market, aids in preventing White diarrhoea. The most perfect, sweetest, soundest article for chicks yet offered. Will not get musty, you should use it for best results. Send for circular and price list. D. Lincoln Orr, Orr's Mills, N. Y. 4-5-3

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PRINTING for Poultrymen, fine cuts used, samples free, mention your breed. W. A. Bode, Fairhaven, Pa. 12-12-3

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WANTED:—Experienced working partner, familiar with White Leghorn hens, hot water incubator. Must be clean, sober, business ability required. Carry fifteen-hundred birds. Write particulars, references, salary. Profits shared. Business paying. Address **AMERICAN POULTRY WORLD**, Buffalo, N. Y. 1-2-3

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WANTED:—Correspondence with some poultry raiser to have a weekly shipment of soft roasters. Chance for large business. Address E. Lohsen, 822 3rd Ave., New York City. 1-2-3

INCUBATORS & BROODERS

ENTIRE STOCK of Robert Essex, and Banta Incubators and Brooders. Sold at cost, net cash F. O. B., Lebanon, Pa. If interested state size and kind, and we will quote prices. All orders taken subject to prior sale. Altenderfer & Tyson, 760 Cumberland St., Lebanon, Pa. 1-2-3

FOR SALE

FOR SALE cheap, one 3000 egg Candee Incubator, 12 Cycle Incubator and Brooders. One steam engine (16 H. P.) and boiler. 25 Colony Coop, One large and one small Grit mill and other Poultry Fixtures. Perkins Poultry Farm, James Brennan, Mgr., Cromwell, Conn. 2-3-3

NATIONAL BLACK LANGSHAN CLUB ANNUAL MEETING

The National Black Langshan Club held its annual meeting at Chicago, Dec. 16th, 1912. The report of the Secretary and Treasurer showed the club to be in a healthy condition. The election of officers resulted as follows:

President, M. S. Barker, Thorntown, Ind.; Vice-President, Wm. T. Blakely, South Pasadena, Cal.; Secretary-Treasurer, John A. Rhodes, Cedar Rapids, Ia.; Executive Board, R. W. Bishop, Guilford, Conn.; L. E. Meyer, Bowling Green, Mo., and R. A. Hewes, Crete, Ill. The club has recently issued a catalogue, which will be sent free to all who ask for it. Please address the new Secretary.

Mr. Rhodes is very anxious within the near future to enroll many more members. As there are many breeders of Langshans at the present time who the Secretary is unable to reach, he asks that all breeders send to him for application blanks which will be gladly furnished.

As there are many members of the club who have in the past started other breeders in Langshans, the Secretary asks all such members to put forth their efforts to try and induce these new breeders to become members of the club.

From reports received there has been large classes of Langshans at the shows this year. The future of the Langshan looks bright if all the breeders will join the club and help the good work along.

RED LION POULTRY ASSOCIATION HOLDS IMPORTANT MEETING

A large number of poultry fanciers and members were in attendance at the regular annual meeting held at Red Lion, Pa., Jan. 6, 1913. A review of the past year was thoroughly gone over and it was the general opinion of many present that the season was most gratifying. It was also shown that the success in connection with their recent show was very pleasing, the only regret being that on account of the large market house having been divided into apartments, the only other available building was secured, and though affording more comfortable quarters was less convenient, and only about one thousand birds could be staged, hence the entry fee for more than two hundred birds had to be returned.

However, it was stated a movement is on for the erection of a large building to be known as Farmers' Hall, the location being very desirable, and the next show will probably be held in these new quarters if completed.

The following officers were elected: President, T. E. Brooks; Vice-President, J. M. Hutton; Secretary, Robert E. Glenn; Assistant Secretary, G. E. Zarfo; Treasurer, A. E. Wolf; Supt., H. A. Runkle; Ass't Supt., J. W. Smith; Executive Committee, H. M. Keeny, Henry Oberdorff, Harry Folcomer.

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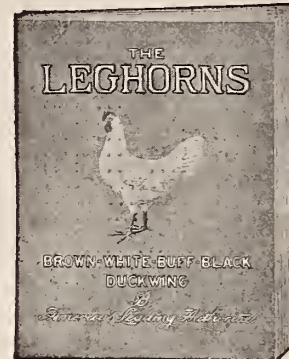
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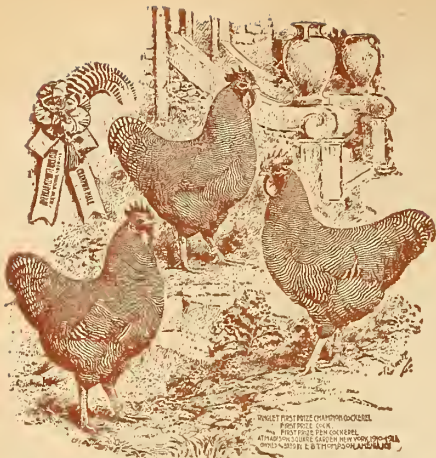
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