

The INDUSTRIOUS HEN

1917
U. S. Dept. of Agriculture



"Lays all over
the South"

THE Industrious Hen

Absorbing Poultry Ideas, Louisville, Ky.; Practical Poultry, Birmingham, Ala.; The Poultry Times, Norfolk, Va.; Southern Poultry Magazine, Nashville, Tenn.; The Poultry News, Bustleton, Pa.; Tennessee Poultry Journal, Lebanon, Tenn.; The National Poultry Breeder, Owensboro, Ky.; Everybody's Poultry Journal, Nashville, Tenn.; The Leghorn Journal, Appomattox, Va.

Published by
The Blair-Young Publishing Company
(Incorporated)
901-2 The Republic Building,
Louisville, Kentucky.



THE PUBLISHER OF THIS
MAGAZINE IS A
LIFE MEMBER OF THE
American Poultry Association



Entered as second-class matter at
the Postoffice at Louisville, Ky., under
Act of March 8, 1879.

Published Monthly; Fifty Cents a Year

OFFICERS AND DIRECTORS

Collins Young President
Thos. J. Knight Vice-President
J. Gaylord Blair Secretary-Treasurer
John G. Blair John Giugliano

EDITORIAL AND BUSINESS STAFF
J. Gaylord Blair Managing Editor
Edw. M. Graham Associate Editor
F. A. Goodlin, Traveling Representative

Subscriptions—One year 50 cents;
three years \$1.00. Foreign subscrip-
tions 75 cents. In order to start with
current number, the subscriptions must
be received at the office by the 10th of
the month.

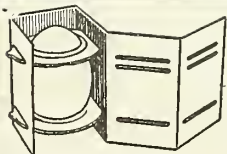
Publishers' Announcement—All man-
uscript and copy for change of adver-
tisements should be in our hands
promptly by the 10th of the month pre-
ceding date of issue. **THIS IS IM-
PORTANT.** New business can be ac-
cepted as late as the 25th of the month,
but special position cannot be guar-
anteed.

We always stop the Magazine at the
expiration of the time paid for unless a
renewal of subscription is received.
Those whose subscriptions have ex-
pired must not expect to continue to
receive the magazine unless they send
the money to pay for it another year.

Missing Numbers—It occasionally
happens that numbers of our magazine
sent to subscribers are lost or stolen in
the mails. In case you do not receive
any number when due, write us a postal
and we will cheerfully forward a dupli-
cate of the missing number.

Advertising Rates given on application

Make More Money Market your eggs by Mail



Wallace Egg Carriers have
been on market over two years.
Endorsed and recommended
by U. S. Parcel Post and Ex-
press officials. Popular because
simple, no extra interior pack-
ing necessary (tissue paper, cotton,
etc.). No outside wrapping re-
quired. Eggs carry safely, break-
age unknown. We also manufacture
Shock Absorber Hatching Egg Car-
rier for 15 or 30 eggs and have special
method for packing 50 and 100 egg
shipments. Sample carrier 15c (stamps).

FREE. Send for our new book
"Marketing Eggs by Mail" and price
lists of table and hatching egg carriers.
Write at once, don't delay.

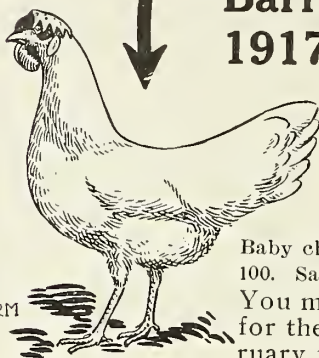
Each egg is held in suspen-
sion in an individual con-
tainer (see illustration on left).
Containers pack 1, 2, 3, 6,
or 15 dozen in strong cor-
rugated shipping cases (see
3-dozen size illustrated below).
Carriers come complete
with address and end la-
bels, nothing extra to buy.
Good for 10 to 30 round
trips by Parcel Post or Ex-
press.



Wallace EGG CARRIER CO.
451 THIRD STREET, BOX 6
SAN FRANCISCO, CALIFORNIA

GOLDEN ROD EGG FARM

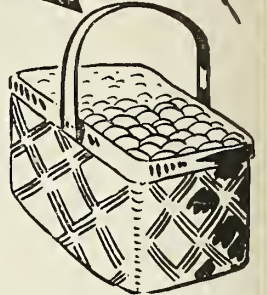
PRODUCE



Barron's English Strain 1917 White Leghorns

Large heavy comb, large bodied
and splendid type. The greatest
Egg producing strain ever placed
before the public.

Baby chicks \$15 per 100. Hatching Eggs \$10 per
100. Safe delivery of chicks and 90% fertility of eggs guaranteed.
You must be satisfied or we will refund your money. Orders
for the above are now being booked for delivery after Feb-
ruary first.



Golden Rod Egg Farm,

HARDINSBURG, KY.

HALLERS

Headquarters for Poultry Supplies

Agents for leading makes and
brands of Incubators, Brooders,
Poultry Supplies, Remedies, etc.
Mail orders given prompt at-
tention.

Haller's Pet Shop, 103 W. Mkt. St., Louisville, Ky.



EXCELSIOR RHODE ISLAND WHITES

The world renowned strain
of this popular variety.
The birds that win. 58
eggs, the record of one pul-
let during Dec. and Jan.
Literature free.

MRS. C. M. VERTREES,
Box E, Cecilia, Ky.

Mating List Ready February 1, of My
SINGLE COMB BUFF LEGHORNS
First Hen and Second Cockerel at Ar-
mory Show on two entries, Jan., 1917
W. L. WILLIAMS, JR.,
Box No. 15, Frankfort, Ky.

RED SUSSEX

Winners at Georgia State Fair 1916. No stock for sale. A limited number of eggs after January 1st, 1917.

E. A. BOND,

231 North Ave.

Macon, Georgia

S. C. White Leghorns—S. C. Rhode Island Reds

Winners at Owensboro, Bowling Green and Memphis, Tenn., 1916

Our Breeders are all nice birds and good winter layers. Eggs \$1.50, \$2.00, \$3.00 and \$5.00 per 15.
Ninety per cent fertility guaranteed.

H. F. THOMAS POULTRY FARM

LIVERMORE,

BOX No. 135A

KENTUCKY

ANCONAS AND SILVER CAMPINES



Reign Supreme, 20 Blue Ribbons, 4 Silver Cups, 4 Best Displays

Won at Memphis, the Madison Square show of the South, Nashville and
Chattanooga. QUALITY EGGS and BABY CHICKS now ready. Mat-
ing list on request. SATISFIED CUSTOMERS from Ocean to Ocean.

H. A. SCOTT, Prop.

JOHN PENCE, Mgr.

ANCONA PLANT,
Cumberland City, Tenn.

CAMPINE PLANT,
Bowling Green, Ky.

S. C. WHITE LEGHORNS COLUMBIAN WYANDOTTES

If you want the real thing, get your birds and eggs from us. We have been
breeding them for nearly ten years and have a large number of large, vigor-
ous free-range grown birds just in their bloom now. These birds are not
only bred to conform as nearly as possible to the standard requirements, but
also to lay the largest number of eggs possible. They lay in winter when eggs
are high. Our prices on these profitable fowls are very reasonable and we
ask that you write us for prices on anything you may need before you buy.
A large number of the finest cocks and cockerels we have ever raised and the
price is right. Write us today.

MOUNTAIN VIEW FARM,

D. R. MCBRAYER, MGR.

MOORESBORO, N. C.

Breeder's Cards

Rates 3c per word. No advertisement accepted for less than 50c. All cards will be set in uniform style without any display. Terms Cash in advance. Paper will be sent free as long as the advertisement runs.

ALL CLASSIFIED ADS ARE IN FRONT OF BOOK, THUS GIVING THE SMALL ADVERTISER A CHANCE

ANCONAS

S. C. Mottled Anconas with a trapnest record. Eggs \$2.00, \$3.00 and \$5.00 for 15. Booking orders now for eggs and baby chicks. No stock. Barrett's Ancona Farm, Morristown, Tenn. 12-6t

Masengill's blue ribbon and imported Single Comb Anconas, the world's greatest layers. Eggs \$2.50 and \$5.00 for 15. Fine stock for sale. Masengill's Ancona Farm, Morristown, Tenn. 2-3t

Bred to lay high scoring S. C. Anconas that combine great beauty and best of practical qualities. First prize winners at Memphis, New Orleans, Alexandria, Shreveport, Dallas, San Antonio. Eggs \$2.00 to \$3.00. L. M. Grosjean, 1227 Oakland street, Shreveport, La. 3-1t

Eggs for hatching. S. C. Anconas, \$1.25 per 15, delivered by parcel post. Fertility guaranteed. Sam Witherspoon, Smiths Grove, Ky. 3-3t

Kinney's Anconas. Eggs \$1.50 per 15; \$6.00 per 100. Baby chicks two cents each. Satisfaction guaranteed. Albert Kinney, Washington, N. J. 3-1t

Bower's celebrated Anconas, the egg producing strain of show birds; winners at St. Louis, Chicago, Kansas City. Eggs \$2.00. Catalogue for stamp. Ernest Z. Bower, Olney, Ill. 3-5t

BRAHMAS

Light Brahmans, 15 eggs \$1.00. Prize winners, \$1.50 and \$2.00. Belgian Hare breeder, \$1.25 each. Minnie Patterson, China Grove, N. C. 3-3t

For sale, three fine six-bird breeding pens Light Brahmans at \$15.00 each. White Orpington, Light Brahma and Black Langshan eggs, per setting, \$1.50. Mammoth Bronze turkey eggs \$3.50 for thirteen. Black River Stock Farm, Jonesville, La. 3-4t

BUCKEYES

Buckeyes. All eggs tested; 15 for \$1.50. Mrs. Helen Cleveland, Union, Miss. 3-2t

ANDALUSIANS

Blue Andalusians exclusively. Eggs at \$1.50 per 15. E. S. Frye, Brush Creek, Tenn. 2-4t

Fine Blue Andalusians and Silver Campines. Highest egg record and first prizes at largest shows. Eggs \$2.00 per 15. Stock for sale. H. R. Birchett, Lebanon, Tenn. 1-10t

Fine Blue Andalusians and Silver Campines. Highest egg record and first prizes at largest shows. Eggs \$2.00 per 15. Stock for sale. H. R. Birchett, Lebanon, Tenn. 3-12t

CAMPINES

Star Silver Campines, the greatest of all layers. Bred in line by us eight years. Eggs from this genuine winter laying strain \$3.00 per 15. A few mated pens and trios for sale. Star Silver Campine Farm, Huguenot Park, N. Y. 3-3t

CORNISH

Dark Cornish. With six entries at the Collin County Fair, I won 5 firsts and 1 special. Walter Burton, judge. Eggs \$1.50 and \$2.50 per 15. Goldmon Perry, Anna, Texas. 2-4t

Dark Cornish. With six entries at the Collin County Fair, I won 5 firsts and 1 special. Walter Burton, judge. Eggs \$2.50 and \$5.00 per 15. Goldmon Perry, Anna, Texas. 2-4t

White and Dark Cornish, famous win- ners at Augusta, Memphis, Pitts-

burgh, Knoxville, Morristown. Stock and eggs for sale. Mrs. A. S. Gorrell, Morristown, Tenn. 2-2t

White and Dark Cornish. White cock- erels \$2.50. Eggs for hatching \$2.00 per 13. C. D. Smith, Fort Plain, N. Y. 3-3t

DUCKS

Ducks, Colored Muscovy. Choice breed- ing stock, bred in the Bluegrass. Harry Daly, Maysville, Ky. 1-3t

Pure White Runners. Racy, upstanding, great laying strain. Large white eggs, \$1.00 for 15; \$3.00 for 50. B. F. Morgan, Independence, Ind. 3-3t

LANGSHANS

Black Langshans—Vitality, Individual strain. Unsurpassed winnings. Show trained birds for sale. J. R. Brown, Bramwell, W. Va. 12-6t

Black Langshans. Vitality, individual strain. Eggs from prize pen, Missouri Laying Contest. J. R. Brown, Bramwell, W. Va. 2-4t

Black Langshan, 200-egg strain. Win- ners. Lorenz Co., Perryville, Mo. 3-3t

LEGHORNS

Hatching eggs from purebred, vigorous, heavy laying S. C. White Leghorns. Prize winners; \$1.50 per 15. Mrs. H. J. Daniel, South Boston, Va. 1-4t

Single Comb White Leghorns—Wyckoff strain direct. Hatching eggs \$5, 100; \$45 per 1,000. Choice hens, cockerels, pullets, \$1.25 each. Robt. E. Smith, Nassawadox, Va. 1-4t

Eggs from Single Comb White Leghorns with records up to 219. Prices reasonable. Circular free. J. O. Pierce, Mohawk, Tenn. 2-3t

Single Comb White Leghorns, exclu- sive prize winners. Eggs \$1.50 and \$2.50 per 15. Booking orders for baby chicks 15 cents each. Send order. J. L. Greenfield, White Leghorn Farm, Seebree, Ky. 2-5t

S. C. Buff Leghorns; vigorous farm raised stock. Selected for egg production. Headed by Heasley cockerels. Eggs, \$1.50 per 15. Bessie Feller, Moore's Hill, Ind. 2-3t

English 200-egg strain S. C. White Leg- horns. Baby chicks and hatching eggs by the hundreds or thousands. See display ad this issue. Valley View Poultry Farm, Box 60, Morristown, Tenn. 2-5t

Buff Leghorns, standard bred prize winners. Eggs \$1.00, \$2.00 and \$3.00 per setting. Stock for sale. Cottage Home Poultry Yards, Millsboro, N. C. 2-5t

"Kentucky Brown Beauties" again prove supreme at Richmond State Show, Owensboro, November, won 1st, 2d and 3d pen, special, best hen in class. Exhibition and elegant breeding cockerels. Satisfaction guaranteed. Breeder fourteen years. Maplewood Farm, Mrs. Joe Mulligan, St. Josephs, Ky. 2-4t

S. C. Brown Leghorns. Improve your stock. Get eggs from winners at the South's leading shows. Delivered free. Mating list tells all. Mrs. Clara Baker, Antioch, Tenn. 3-2t

Day-old chicks, eggs for hatching, from hardy, farm raised S. C. White Leghorns. Dependable in quality. Ward Bros. Leghorn Farm, R. F. D. No. 2, Greensboro, N. C. 3-5t

Snowy low-tailed Single Comb White Leghorns (Young's). Fifteen eggs \$3.00; hundred, \$11.00. Meadow Farm, Coulterville, Ill. 3-1t

Single Comb Buff Leghorns, prize win- ners. Eggs \$1.50 per 15. Baby chicks 15 cents each. H. E. Hancock, Marengo, Ind. 3-5t

S. C. Brown Leghorns, bred from prize winners. Eggs \$1.50 per 15; \$5.00 per 100. Satisfaction guaranteed. Hugh Herndon, Ferguson, Ky. 3-2t

Single Comb White Leghorn eggs from high record egg-show stock. Also White Wyandotte eggs. Prices reasonable. F. P. Barron, Angie, La. 3-2t

Single Comb White Leghorn eggs for hatching. Tom Barron strain; purebred. Every hen a selected one. Large, vigorous birds, given farm range. Also will spare a few settings of White Holland turkey eggs from large purebred birds from U. R. Fishel's prize winning flock. Satisfaction guaranteed. S. F. Ludy, Greenville, Ohio. 3-2t

Imported Blue Leghorns. Three pens. Eggs and stock. Descriptive circular. O. F. Scherer, Olney, Ill. 3-1t

S. C. White Leghorns, 25 years exclu- sively. Pullets, hens, cockerels, finest quality. Baby chicks, hatching eggs, any number, my greatest specialties. Henry Trafford, Binghamton, N. Y., editor Poultry Success, visited me, bought big bunch birds. Will tell you this is the place to buy high grade, heavy laying stock. Circulars, full information. C. N. Reynolds, Canton, Penn. 3-3t

Single Comb White Leghorns; 13 prizes, Atlanta, Griffin. Fifteen eggs \$1.50, guaranteed. P. E. Parker, R. F. D. No. 2, Hampton, Ga. 2-2t

Wright strain Single Comb White Leg- horns. Day-old chicks. Catalogue. Hatching eggs. Creola Poultry Farm, Creola, Ala., Dept. A. 2-2t

The East and West have their 300-egg hens. But what about the South? Our 265-egg hen has reached 296 eggs continuous laying January 22. She is still on the job and will pass the 300 mark in a few days. She finished her year December 5. We have eggs for hatching from this flock: 202, 203, 206, 225, 232, 243, 246, 265. Many others near 200. These are White Leghorns. Rhode Island Reds: 197, 203, 206, 220, 230. Lots of them just under the 200. Write for prices. Poultry Department, A. & M. College, Mississippi. 2-4t

Get your Single Comb White Leghorn eggs and baby chix from Locust Grove Poultry Farm and be assured of the best exhibition and utility stock, winners and layers. None better, few as good. Have left a few good cockerels for sale. Catalogue and prices free. Carl Cooper, Prop., Lawrenceburg, Ky. 2-5t

Eggs! Eggs! Eggs! S. C. Buff Leghorns from Indianapolis, Terre Haute and Lafayette winners; heavy winter layers. \$1.00 to \$3.00 per setting postpaid. Ball Brothers, Judson, Ind., R. R. 2-2t

White Leghorn Baby Chix, Cyphers- Young strain. Thousand lots or less. Standard bred, laying strain. Delivery guaranteed. Correspondence invited. H. Robey, Pineora, Ga. 2-3t

MINORCAS

At East Tennessee Division Fair, Knoxville, 1916, my S. C. Black Minorcas won as follows: 1st cock, 1st, 2d, 3d cockerel, 1st, 2d hen, 1st, 2d

pullet, 1st old and 1st young pen, special for best display. Eggs from these winners at \$2.00 per 13. Eight strong chicks guaranteed from each setting or order duplicated at half price. S. C. Beard, Broadford, Va. 2-3t

Jones' Rose Comb Black Minorcas. National champions, fancy egg producers. Title won this year at big Purdue egg show with dozen scoring 99. Three grand pens. Eggs for sale. Prices reasonable. C. F. Jones, Battleground, Ind. 2-2t

Single Comb Black Minorca eggs \$2.00 per 15. Postage prepaid. D. W. Garner, Orme, Tenn. 3-1t

Buff Minorcas, prize winners. Stock for sale. Eggs \$2.50 per 15. Buff Minorca Ranch, Escondido, Calif. 3-2t

ORPINGTONS

Trapnested Orpingtons—Martz Buff, Poorman White. Guaranteed settings \$1.25. Special show quality \$1.75. Edward Gramann, Marine, Ill. 3-2t

White Orpingtons of the best quality for all purposes. Eggs from show birds \$3.00 per 15. Show Bird Farm, Register, Ga. 3-5t

Blue Orpingtons from imported stock. Description and mating list free. Robt. Marx Scherer, Olney, Ill. 3-1t

Purebred White Orpingtons and Golden Wyandottes. Eggs for hatching \$1.50 per 15. Ernley Perkins, Hewlett, Va. 3-1t

S. C. White Orpington eggs, \$3.50 per 15. Won best display last two years at the Augusta show, over 100 birds in the class both years. L. C. Gercke, 22 Jackson street, Augusta, Ga. 1-3t

Aldrich Strain White Orpingtons. Stock and egg. Prices reasonable. If I don't please you, no trade. Harry Dicken, Manville, Ill. 1-3t

White Orpington eggs \$3.00 per fifteen. Nine pens mated. First, second, third hen, first, second, third pullet, first, second cockerel, Atlanta, October, 1916. Fine breeders for sale. W. A. Andrews, Opelika, Ala. 2-5t

For the best Orpingtons, all varieties, you must send to their originators. Send for new catalogue. Wm. Cook & Sons, Scotch Plains, N. J. 1-6t

White Orpingtons, Aldrich and Owens farm quality. Breeding stock for sale, \$1.50 and up. Eggs \$5.00 per 100. Sunnyside Farm, Sandwich, Ill. 2-2t

PLYMOUTH ROCKS

Potts' White Plymouth Rocks. Trap- nested, pedigreed winners. Eggs for hatching. Frank Potts, Charlotte, N. C. 1-4t

Pure and bred-to-lay Barred Rocks. Pens headed by Thompson's Imperial Ringlet cockerels. Eggs \$1.50 for 15. Mrs. H. J. Daniel, South Boston, Va. 1-4t

White Plymouth Rocks, the best in this variety. Winners six world's fairs, ten State fairs. Price list free. U. R. Fishel, Box Q, Hope, Ind. 12-5t

For Sale—Best strains Barred, Buff, Partridge and White Plymouth Rock stock, eggs and baby chicks. Prices reasonable. Mrs. Allen M. Dorris, Hendersonville, Tenn. 12-12t

Barred Rocks with the winning habit. Exhibition pullet line exclusively. Eggs \$3.00 per 15. Ernest Patton, 1310 Pendleton St., Greenville, S. C. 2-2t

Best strains Barred, Buff, Partridge and White Plymouth Rock stock, eggs and baby chicks. Prices reasonable. Registered Duroc pigs. Mrs. Allen M. Dorris, Hendersonville, Tenn. 12-12t

Jardine's Barred Rocks, Ringlets, will produce winners in 1917. A \$50.00 male direct from Thompson heads pen No. 1. Cockerel mating eggs \$2.75 to \$5.00 per 15. Chicks \$6.00 to \$10.00 for 25. Catalogue ready. D. W. Jardine, Staunton, Va. 2-5t

Buff Rocks exclusively. Good winter layers and blue ribbon winners. Eggs now ready for hatching from healthy farm raised stock. Eggs, per setting, \$1.50 and \$3.00. Henry W. Waddle, Greenville, Tex. 2-3t

Partridge Plymouth Rocks, Bird Bros. strain direct. The farmers' and the fanciers' fowl. Eggs and stock. A. D. Hill, Mt. Carmel, Ill. 2-5t

Dr. Bray's strain of Partridge Plymouth Rocks. Known everywhere for their beauty and perfection. Eggs shipped to Alaska with fine results. Eggs \$4.00 setting. Dr. J. Hogan Bray, Greenville, Ky. 2-3t

Superb Ringlet Barred Rocks. Choice stock and eggs from best blood. Prize winners as well as layers. Satisfaction guaranteed. Fruit seed and poultry catalogue free. Jno. W. Hall, Marion Station, Md. 2-3t

Eggs from Barred Rock hens with rec- ords certified to by director of Delaware Agricultural College, and mated to males from 255-egg hen. Three and five dollars per fifteen. Write me; will tell you what my birds do in the egg laying contests. Clarence Young, Sweetwater, Tenn. 2-5t

Park's Barred Plymouth Rocks. Poor- man's R. C. Reds. The 200-egg strains. Either, \$1.50 per 15. Utility Rocks \$6.00 per 100. Boyd Stickley, Strasburg, Va. 3-2t

Ringlet and Latham Barred Rocks. Eggs from Louisville, Owensboro, Henderson winners \$2.00 up. Express prepaid. Mating list free. C. E. Carpenter, 417-B Allen, Owensboro, Ky. 2-3t

White Plymouth Rocks. Big pure white cockerels at \$2.50 to \$5.00 each. One mated pen. Percy M. Crabs, Reynolds, Ill. 2-2t

Buff Plymouth Rocks. Large, healthy, paying, laying strain. Eggs 15, \$1.50; 100, \$5.00. Mrs. Jno. Truninger, Holden, Mo. 3-1t

Eggs for hatching from prize winning Barred Rocks, Thompson strain. Satisfaction guaranteed. Pen; \$2.00 per 15. Farm range \$1.25 per 15; 30 for \$2.25. Jno D. Cave, Louisa, Va. 3-2t

Columbian Plymouth Rocks. Choice breeding stock, also eggs for hatching, \$2.00 and \$2.50 per 15. Oren Anthony, Louisville, Ohio. 3-2t

Purebred Barred Plymouth Rock eggs for hatching at \$1.50 for setting of 15. Mrs. N. D. Mason, R. F. D. No. 1, Hengagar, Ala. 3-3t

Barred Rocks bred to lay and have ex- hibition qualities. My breeders have free range, and are not forced to lay—that means strong, healthy chicks. Stock and eggs for sale; prices right. J. G. Bennett, Buechel, Ky. 3-1t

Barred Rocks; have the laying habit. Baby chix \$15.00 per 100. Get your orders in early. Oakland Stock and Poultry Farm, Sumterville, Ala. 3-5t

Grim's Square Deal Barred Rock win- ners; "Ringlets." Eggs 15, \$2.00; 30, \$3.50. Frank C. Grim, Staunton, Va. 3-1t

Large, handsome, snappy narrow barred—bred for beauty, vigor, egg laying power—Barred Rock cockerels, \$2.00. Money back guarantee. Elizabeth Woodmansee, Highland, Ohio. 3-1t

Barred Plymouth Rocks, 200-egg strain. Four pens carefully mated for highest laying qualities. These pens contain the finest breeders I have ever owned. Both matings. Eggs for hatching at reasonable prices. Quality and fertility guaranteed. B. R. Perkins, Hewlett, Va. 3-1t

Columbian Rock eggs for hatching. Birds direct from Clemens' farm, originator of breed. Prices reasonable and satisfaction guaranteed. Start right. J. M. Dupps, Sunman, Ind. 3-2t

My White Plymouth Rocks hold two world records made in laying contests. Send for pamphlet. C. E. Reed, Hollidaysburg, Penn. 3-3t

E. B. Thompson's "Ringlet" strain pure- bred cockerel mating. Pens \$15.00 to \$20.00 each. Bluff City Poultry Yards, W. L. Adams, Chester, Ill. 3-1t

Buff Rock eggs, 75c per 15. Baby chicks \$12.00 per 100. Bred from Kirk strain, winter layers. Frank Goodwin, Louisa, Va. 3-1t

White Rock eggs, from 1916 State show winners. Price reasonable. Fertility guaranteed. Samuel Deatherage, Jr., Richmond, Ky. 3-2t

F. B. L. strain of White Rocks. Win- nings, Owensboro and Springfield, Ill., 1916, 1st cockerel, 1st hen, 3d cock, 1st, 3d and 4th pen. Three grand champions—cockerel, hen and pen. Stock

and eggs for sale, also Barred Rocks. Write your wants. Mrs. J. W. Westacker, R. No. 2, Stanley, Ky. 2-5t

RHODE ISLAND REDS

S. C. Reds. America's best blood. Tompkins and Crowther strains. Four pens mated for eggs at \$1.00 to \$3.00 per 15. Mating list free. Explains all. Harvey Baker, Johnstown, Ohio. 2-5t

Single Comb Rhode Island Reds. The rich dark velvet red color that has the lustre to win in strong competition. Limited number of eggs from two of the best pens I ever mated. Satisfaction guaranteed. C.-H. Briley, Antioch, Tenn. 2-5t

Buschmann-Pierce Rhode Island Reds, Rose and Single Comb. Free mating list. Best quality, lowest prices, satisfaction guaranteed. Hope Poultry Breeders Association, Hope, Ind., R. F. D. No. 8. 3-2t

S. C. Rhode Island Reds. Can furnish eggs from very choice matings at \$1.50 for 15. W. J. Martin, Smiths Grove, Ky. 3-3t

Single Comb Rhode Island Reds. Eggs for hatching \$3.00 per 15, from the yard that won more first premiums for the number of birds shown at the great Tri-State Fair, 1916. J. W. Haynie, Milan, Tenn. 2-3t

Single Comb Reds. Eggs for hatching. Prices reasonable. Satisfaction guaranteed. Correspondence solicited. J. G. Lanham, Box No. 31, Fairmont, W. Va. 3-5t

Single Comb Rhode Island Red pullets and cockerels, dark red, of exceptionally high quality. Ten years line bred. Eggs for hatching from three high class pens. Address Dr. J. T. Herron & Son, 429 E. Main street, Jackson, Tenn. 2-5t

S. C. Rhode Island Red eggs for sale. From a well bred strain. Get my prices before you buy elsewhere. E. F. Hixson, Hixson, Tenn., Box No. 1. 1-3t

Just back from Norfolk, Va., Show. Won 3d and 5th cockerel on two entries; 32 cockerels in class. If you want strong show quality S. C. Reds—eggs \$5.00, \$4.00, \$2.00 per 15. Incubator eggs 10 cents each. Honest dealing. Order from this ad. Tom D. Ayers, Morristown, Tenn., R. F. D. No. 3. 2-5t

"Hiawatha" Single Comb Rhode Island Reds. Sweepstakes cup winners. Fine color and type. Eggs for hatching \$2.00 per 15. Geo. C. Cannady, Mt. Carmel, Ill. 2-3t

Eggs for sale! Eggs! S. C. Rhode Island Reds, high scoring, big boned, great winter layers. Dark reds. Prize winners. If express is high I will include eggs enough to help pay it. Write me and I will tell you all about my birds. Address L. A. Cross, Keswick, Iowa. 3-1t

Eggs, prepaid, Single Comb Reds. Illus- trated mating list free. Mr. and Mrs. Wyan Russell, R. F. D. No. 21, Chollowee, Mo. 3-2t

Single Comb Rhode Island Red eggs for sale from a well bred strain. One dollar per 15. E. F. Hixson, Box No. 1, Hixson, Tenn. 3-1t

S. C. Reds. Fine mated pens. Eggs, \$1.50 and \$1.00 15. Mrs. Chas. Hopkins, Farmington, Mo., R. F. D. No. 5. 3-2t

RHODE ISLAND WHITES

The greatest Rhode Island White farm. Rose and Single Comb. Eggs \$1.25 per 15 and up. Also baby chicks. Catalogue free. Henry Eichelmann, Waterloo, Ill. 3-5t

WYANDOTTES

Silver Laced Wyandotte Cockerels— Fine birds. Satisfaction guaranteed. Eggs in season. The Wyandotte Poultry farm, C. W. Hunter, proprietor, R. No. 6, Box 111, Mt. Vernon, Ohio. 12-4t

Silver Laced Wyandottes. Exclusive stock at all times. Eggs and baby chicks in season. Mrs. Sarah Paul, Lomax, Ill. 1-3t

Odum's White Wyandottes. I don't sell photographs in water colors or oil paintings, but I will sell you eggs that will produce high class exhibition and breeding birds. Write me for quality and price. J. A. Odum, Knoxville, Tenn. (?)

Silver Laced Wyandottes. I have a few utility cockerels for sale. Eggs in season, \$1.25 per 15; \$1.50 by parcel post. From farm raised utility flock. C. E. Courter, Allendale, Ill., R. F. D. No. 1. 1-4t

Silver Laced Wyandotte eggs from two choice pens, \$1.50 per setting of 15. Mrs. Susie Leek, Route No. 2, Allendale, Ill. (?)

Columbian Wyandottes. Prize winning Columbian Wyandottes. Choice cocks and cockerels for sale. Eggs in season. Miss M. Doll, Frankfort and Ewing Aves., Louisville, Ky. 2-3t

"Duston" White Wyandottes. Louisville, first cock, first cockerel, second pullet and third pen. Pened eggs \$4.00 and \$5.00. Utility \$1.50 set; \$6.00, 100. Mrs. Tom H. Hayden, Owensboro, Ky., R. No. 6. 2-5t

Pen of Premier Partridge Wyandottes for sale. O. W. McWilliams, Liberal, Mo. 3-1t

White Wyandottes. Show room winners, bred to lay, scoring to 95. Eggs \$2.00 and \$3.00 per 15. Satisfaction guaranteed. J. E. Poland, Olney, Ill. 3-1t

Eggs for sale from a great egg producing strain Rose Comb White Wyandottes; also Ringlet Barred Rocks (Thompson's Imperial strain); blue ribbon White Holland turkeys (hens two years old). All purebred. Satisfaction guaranteed. Circular free. Mrs. M. F. Gooch, Somerset, Va. 3-1t

Partridge Wyandottes. Duff's Sensation strain. Some fine exhibition and breeding cocks and cockerels at the right price. A. C. Duff, Mt. Solon, Ohio. 3-1t

"Duston" White Wyandottes. Louisville, first cock, first cockerel, second pullet and third pen. Pened eggs \$3.00 and \$5.00; utility, \$1.50 set; \$8.00, 100. Mrs. Tom H. Hayden, Owensboro, Ky., R. F. D. No. 6. 2-5t

White Wyandottes, Rose Comb. Eggs from large blocky birds. Best laying strain. Mated with show quality cockerels, \$1.00 per 15. \$2.50 per 50. \$5.00 per 100. Jno. J. Mast, Arthur, Ill. 3-5t

SUSSEX

Speckled Sussex, winners at New York and Chicago. Stock and eggs reasonable prices. Mating list. Sussex Yards, Box 52, Washta, Iowa. 3-1t

Eggs from 50-pound tom sweepstakes winner, \$4.00 per 12. White and Silver Wyandottes, \$2.00 and \$3.00 per setting. Mrs. Lee Chapman, R. No. 10, Mayfield, Ky. 2-5t

White Wyandottes. Stock and eggs. Have some yearling cocks and a fine lot of cockerels for sale. Well bred both for type and egg producing. Prices right. Satisfaction guaranteed. Eggs \$1.50 to \$3.00 per 15 or \$3.00 per hundred. Book your egg orders early. W. A. Ziegler, Mt. Victory, Ohio. 2-2t

Eggs from 50-pound tom sweepstakes winner, \$4.00 per 12. Silver Wyandotte eggs \$2.00. White Wyandottes \$3.00. Mrs. Lee Chapman, Mayfield, Ky., R. No. 10. 2-5t

PIGEONS

\$-3-\$-3 in Pigeons! Start raising squabs for market or breeding purposes. Make big profits with our Jumbo pigeons. We teach you. Large, free, illustrated instructive circulars. Providence Squab Co., Providence, R. I. 3-1t

I offer guaranteed mated Homers in any quantity at \$1.00 per pair. Beautiful White Homers \$1.50 pair. Squab companies challenged to produce better stock at twice this price. Get my prices on Runt, Carneaux, Maltese Hens and save dollars. Squab Manual 25 cents. Chas. O. Gilbert, 222 Callowhill street, Philadelphia, Pa. 3-1t

TURKEYS

Bronze 55-pound strain, \$8.00 up. Eggs 50 cents each. Duroc-Jersey hogs. Both winners. Lorenz Company, Perryville, Mo. 3-3t

Bourbon turkeys; 20 fine young toms. Also hatching eggs in season. E. F. Trimble, Benton, Ky. 2-8t

Turkeys—All varieties, farm reared, large healthy vigorous birds. Winners wherever shown. Buy your breeding toms now. U. R. Fishel, Box Q, Hope, Ind. 12-5t

Half wild turkeys, hardy as an oak. Few eggs to spare. J. H. Vaughan, State College, N. M. 3-3t

Eggs for sale. Guaranteed fresh. Mammoth Bronze, also White Holland turkeys; Barred Plymouth Rocks, Imperial Ringlett strain; White Wyandottes of noted laying strains. Satisfaction to all our customers is our watchword. Circular free. E. F. Sommers, Somerset, Va. 3-2t

MISCELLANEOUS

Eggs from White Holland sweepstakes winner, \$4.00 per 12. White Wyandottes, prize winners, \$3.00 per setting. Mrs. Lee Chapman, Mayfield, Ky., R. F. D. No. 10. 3-4t

All varieties poultry, turkeys, geese, ducks—best quality; lowest prices.

BIG CLASSIFIED ADVERTISING OFFER

Hundreds of our subscribers and readers who have never advertised their stock or eggs should start this year and carry a small classified advertisement in the **INDUSTRIOUS HEN** for the coming season. The cost is only a few cents a month, and you will find they will bring you back dollars in return. Do not depend on selling your surplus cockerels and eggs around the neighborhood at low prices, when we can help you sell them at prices that will bring you in a nice bunch of money and establish you a business which will grow from year to year.

Send us your copy to start in next issue and continue through the season. Our readers would purchase your stock and eggs now if they only knew of you. A small classified advertisement in the **HEN** will introduce you to thousands of live buyers, for only a few cents cost to you. Take advantage of this offer.

OUR OFFER FOR 30 DAYS ONLY

WORDS	Regular Rates @ 3c per Word Four Months	Regular Rates @ 3c per Word Six Months
20	\$2.40	\$3.60
30	3.60	5.40
40	4.80	7.20
50	6.00	9.00

Send your copy in for four months and we will give you one extra month free. Five months for the price of four. Send it in for six months and we will give you two extra months. Send it in for nine months and you will get three months free, making a full year's advertising. We make this liberal offer to encourage a breeder to carry copy the year around. It pays in the end.

This offer is only good for thirty days. Take advantage of the saving while it lasts. No order will be accepted on the above for less than four months or less than twenty words. Cash for full amount must accompany each order. Write copy plainly and mail early. Address:

**CLASSIFIED ADV. DEPT.,
THE INDUSTRIOUS HEN,
Louisville, Kentucky.**

Agents! 100 per cent profit guaranteed selling sprayers, gasoline pumps and auto-washers. Write Rusler Company, Johnstown, Ohio. 3-2t

Ninety varieties poultry, eggs, pigeons, hares, dogs, ferrets, guinea pigs, etc. Descriptive 60-page book 10 cents. J. A. Bergey, Telford, Penn. 3-3t

Pharoahs lay twice daily. Increased egg production without enlarging the flock. Fifteen eggs \$10.00. Carl Bartlett, Overland, Mo. 3-1t

Satisfaction guaranteed. Hope Poultry Breeders Association, Hope, Ind., R. F. D. No. 8. 3-3t

S. C. Black Minorca eggs, \$1.50 per 15. Bardstown Minorca Yards, H. B. Chambers, Minorca Specialist, Bardstown, Ky. 3-3t

Buff Orpington and Black Game eggs for hatching. Description and prices on application. Earl N. Potts, Unionville, Tenn. 3-1t

Choice Buff Orpington eggs from hens superb in type and color, mated to cockerels of size and beauty, \$3.00 per 15; \$5.00 per 30. Mrs. Arch Walker, Savannah, Tenn. 3-1t

Purebred Barred Rock eggs, 15 post- paid for \$2.00, or by express for \$1.50. Geo. W. Morris, R. F. D. No. 3, Lawrenceburg, Ky. 3-1t

Black Langshan eggs, Ben S. Myers strain. Price \$1.00 per 15. Satisfaction guaranteed. Address Mrs. Ben Smith, R. F. D. No. 1, Mulberry, Tenn. 3-1t

Poultrymen's Printing Prepaid—Note- heads, envelopes, cards, tags, labels, 100 either, 55c; 250, 95c; 500, \$1.35; 1,000, \$2.25. Postcards, catalogues, circulars, linen letterheads, everything. Finest cuts furnished. Stamp brings elegant samples. Model Printing Company, Manchester, Iowa. 12-6t

Baby chicks, eight varieties. Raised on separate farms. Custom hatching. Catalogue free. R. W. Foster, Richmond, Ky. 1-4t

Gape remedy that positively cures gapes, or money back, 25 cents. Agents wanted. Booklet and proposition free. W. Doran, Brandenburg, Ky. 1-6t

Eggs: White Leghorns, Partridge Wyandottes, Black Orpingtons, Indian Games, White Guineas, Runner Ducks. 200 prizes last season. Jno. Boyd, Alton, Va. 2-5t

Tested and proven. Mitchell's improved King cotton is double early, prolific, productive. 100-pound sack seed, sealed, guaranteed, \$6.50, cash with order. Sugar Loaf Cotton Farm, Youngsville, N. C. 2-4t

75,000 chicks this season. Buff, White Leghorn, 9 cents; White Rocks, Barred Rocks, Reds, Anconas, 10 cents; Spanish, Black Minorcas, Brahmas, Buff Orpingtons, 11½ cents. Circular free. W. H. Geiger Hatchery, Chatfield, Ohio. 2-3t

Anconas and Reds.. Single Combs, win- ners, layers. Fifteen eggs \$1.50, \$3.00 and \$5.00. Bourbon Red turkeys. Bargains in breeders. W. S. Nix, Calhoun, Ga. 2-5t

Vass' S. C. Anconas, Silver and Golden Campines. World's greatest layers, average 256. Eggs \$1.50 for 15; \$6.00 per 100. Buff and White Orpington eggs \$3.00 per 15. Winners Allentown, Easton and Summerville. Stock for sale. All varieties. Mating list. C. E. Vass, Washington, N. J. 2-2t

White Orpington and Rhode Island Red cockerels from fancy matings. Sixteen birds entered at Norfolk show, five won first, ten third. Eggs, fancy and utility. H. L. Turpin, Boydton, Va. 2-5t

Anconas (mainly Sheppards') and Col- umbian Wyandottes. Fine thoroughbred stock. First and second prize winners State Fair. Fifteen eggs \$1.25; 30, \$2.00, either variety. J. R. Nichols, Baxley, Ga. 3-2t

Fine roosters—Silver Campines, Leg- horns, Houdans, Games, Wyandottes, Reds and others. Price low. Big illustrated circular free. See it. Jno. E. Heatwole, Harrisonburg, Va. 1-5t

Free for six months. My special offer to introduce my magazine, "Investing for Profit." It is worth \$10.00 a copy to anyone who has not acquired sufficient money to provide necessities and comforts for self and loved ones. It shows how to become richer quickly and honestly. "Investing for Profit" is the only progressive financial journal and has the largest circulation in America. It shows how \$100 grows to \$2,200. Write now and I'll send it six months free. H. L. Barber, 571-20 W. Jackson boulevard, Chicago, Ill. 3-12t

WYANDOTTES
WHITE
Southern Vigor
MAKES
National Winners

Prepare to win next fall and get eggs next winter by hatching Dixie-dotte eggs **NOW**. Ideal Climatic Conditions insure hatchable eggs with a kicking chicken. Indianapolis, Chicago and other big shows label them **CHAMPIONS**. My customers are winning everywhere. Have shipped more eggs before February than ever before. Best eggs \$5 per 15, \$24 per 100, includes all special matings. Utility \$2 per 15, \$10 per 100. Catalogue and mating list on request.

CARRINGTON JONES

BUNTYN, Box 173 TENNESSEE

PIGEONS
BETTER THAN CHICKENS
 Young pigeons (squabs) bring 40 to 60c each when 3 to 4 weeks old. Big demand in city markets. Each pair of pigeons easily clear \$4 per year. Always penned up. Very little space and money needed to start. Free Book explains all. MAJESTIC SQUAB CO., Dept. 57 ADEL, IOWA.

FREE BOOK

**I'LL SHOW YOU HOW—
 TO MAKE POULTRY PAY**

I have helped thousands of men and women make money with chickens and I can help you. No matter if you have tried poultry raising and failed to make it pay—no matter if you are an old hand or just beginning—no matter if you have just a few hens or an extensive plant I can and will show you how to make them pay and pay big. Our course of lessons in Poultry Husbandry covers every phrase of the subject. It gives you that knowledge that is so essential to success. Write today for our Free Book "Dollars and Sense in the Poultry Business" and learn to make and save money with chickens. T. E. QUISENBERRY, Pres. AMERICAN SCHOOL OF POULTRY HUSBANDRY, Box 60, Leavenworth, Kans.

BOOK FREE
DOLLARS AND SENSE IN THE POULTRY BUSINESS

Both Machines \$10
 Freight Paid

WINNERS IN BIG HATCHING CONTESTS EVERY YEAR

Think of it! These two UNBEATABLE Wisconsin Machines—both for only \$10—freight paid east of Rockies. Guaranteed 10 years and sold on 30 days trial—

130 Eggs
130 Chicks

30 Days Free Trial

MONEY BACK IF NOT SATISFIED

Wisconsin are made of genuine California Redwood. Incubators have double walls, air space between, double glass doors, copper tanks, self-regulating. Shipped complete with thermometers, egg tester, lamps, etc., ready to run. Biggest incubator bargain of the year. Send for our new 1917 catalog fully describing this outfit. A postal brings it by return mail.

180-Egg Incubator and Brooder both \$12.75
WISCONSIN INCUBATOR COMPANY
 Box 56, Racine, Wis.

EGG-O-HATCH
 Trade Mark Reg. U. S. Pat. Off. Patent Applied For

Makes Better Hatches; Stronger Chicks

EGG-O-HATCH is a dry powder. Mixed with water it makes a solution which is applied to eggs during incubation; it soaks into the shell and supplies oxygen for the growing chick; absorbs the carbonic acid gas given off by the chick; further, by its action on the animal matter of the shell, it rots or disintegrates the shell, making it more porous and brittle.

Up to the hatching point, a chick breathes through innumerable blood vessels located in the inner membrane just within the shell. Close the pores of the shell and the chick quickly dies. Partially close them and the chick is weakened just the same as if partially strangled. If, at the same time, the shell is drying out and becoming harder, tougher and non-porous, a point is reached where the chick is too weak to break out of the tough shell.

EGG-O-HATCH changes all this by keeping the shell pores open; making brittle the shell; supplying the chick with extra oxygen and quickly absorbing and getting rid of the carbon dioxide.

EGG-O-HATCH is easily and quickly applied to eggs by spraying or dipping. It is used only three times during the 21 days. Our hatches have shown from 10 to 40 per cent better results where Egg-O-Hatch was used, and all were better, stronger chicks. Fifty test hatches showed an average of 96 per cent for eggs treated with Egg-O-Hatch, and 81 per cent for eggs not treated; **RIGHT IN THE SAME MACHINE**. Egg-O-Hatch is easily proven. Use it on half the eggs in an incubator.

ONE SIZE ONLY, 50 cents postpaid, or at dealers. Sufficient for 600 eggs through one hatch or 6 hatches of 100 eggs; 50-egg sample 10 cents postpaid. Our No. 19 atomizer, all glass and rubber, is handiest and best way to apply Egg-O-Hatch. **PRICE 75 CENTS**.

Send for New Book "ALL ABOUT EGGS"

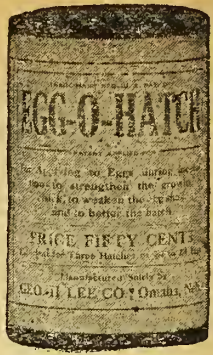
Or, better still, send 5 cents in stamps for our Complete Poultry Library (5 Books) postpaid. It is a liberal education in poultry work, showing how to keep hens profitable every month in the year; how to make better hatches and raise more chicks; how to get the best market on eggs; instructions for housing, feeding, preventing and curing disease, etc. Well worth \$10.00 to any poultry raiser.

Learn the "LEE WAY"

The regular, systematic way by which you can make more money every month by use of Lee's Egg Maker daily; Germozone twice a week; Lee's Lice Killer once a month; Egg-O-Hatch for the incubator work; Egg-O-Latum for keeping the cheap spring and summer eggs for the winter market. Full information, Poultry Library, etc., postpaid for 5 cents in stamps.

GEO. H. LEE COMPANY, 319 Lee Building, Omaha, Neb.

"Egg-O-Hatch is certainly a wonder." Charles E. Heckle, Memphis, Tenn.
 "Am very well pleased with Egg-O-Hatch." Daisy S. Ineson, Ansonia, Conn.



Single Comb White Leghorns ✨ Nothing but the very best. Bred-to-lay kind. Eggs for hatching now ready. Fertility guaranteed. Get our prices. Address:

KINDALE POULTRY AND PRODUCE FARM

MRS. DELLAID M. KINKAID, Proprietor UPTON, KENTUCKY

Young's Imperial Champions

S. C. White Leghorns. Black and White Orpingtons. Champion layers and producers. Hatching eggs and Baby Chicks for sale. Fine illustrated catalogue and price list free.

Young's Poultry and Dairy Farm

STUTT GART - - - - - ARKANSAS

Rid Your Poultry of Pesky Lice!!

A Sure Shot Zenoleum Lice Killer gets quick action on lice, mites and disease germs of poultry. Safe to use and never fails.

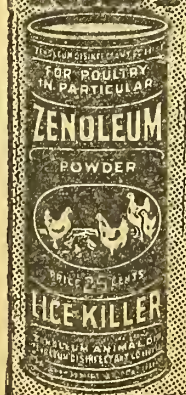
ZENOLEUM Lice Powder

The Powder That Penetrates to the Skin

It has such "fluffiness" that it easily penetrates through the feathers to the skin. Used and endorsed by leading poultry men.

Get a Big 25c Package! Price at any dealers 25c or by mail postpaid 35c. Does the work or money back—no talk, no argument, just money back.

Book "HOME TREATMENT FOR POULTRY DISEASES"—FREE
 Zenner Disinfectant Co., 660 Lafayette Ave., Detroit, Mich.



THE INDUSTRIOUS HEN

VOL. XIII

LOUISVILLE, KY., MARCH, 1917

No. 10

BROODING AND FEEDING BABY CHICKS

Brooder Stoves Now in Universal Use—First Food for Baby Chicks Affects Health and Determines Profit or Loss—Report of American Egg Laying Contest.

By T. E. QUISENBERRY, Leavenworth, Kan.

MILLIONS of baby chicks will die this season because of wrong methods and mistakes made in brooding and feeding. Eggs are higher and chicks will be scarcer and higher than in most preceding years. It behooves every poultry raiser to use such methods as will insure the lowest per cent of mortality and the quickest growth. Brooder stoves of many kinds are upon the market. The coal burning brooder stoves are the kind with which we have had greatest success, and are those which seem to be giving most general satisfaction in the hands of most poultrymen. We know of some who use two of these stoves of small size in one room. Then if one stove goes out, the other will protect the chicks and prevent chilling.

Most of these stoves have a capacity of from 150 to 500 chicks. Some can hover as many as 750 chicks. We prefer to use about 300 to 500 chicks with one stove. We build a house 10x20 feet, 12x24 feet or 14x28 feet. The house has a partition in the center with a runway for the chicks and a swinging door for the attendant. The stove is placed on one side of the partition and the cool room is used for feeding and exercise. It is necessary to have a cool room so the chicks can get away from the heat. This is one of the secrets of successful brooding.

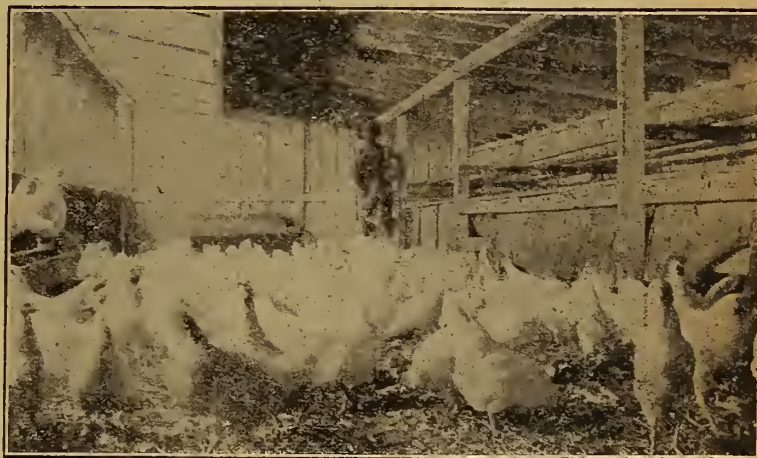
The houses for these brooder stoves are built just as we would build any laying or breeding house. We would not build a special brooder house which we could only use three or four months during the year and then let it remain idle for the remainder of the time. Every poultryman should endeavor to have as little idle equipment as possible. We build these houses of the dimensions mentioned above. We locate them where the chicks can have plenty of range after they grow up. As soon as they are old enough to do without heat, we simply remove the brooder stove and put in temporary roosts. The chicks remain right in this house until the next fall or winter when it comes time to cull them and to select the choicest for the laying and breeding pens. A flock of pullets are usually wintered in these houses. Nests can be put in temporarily until the houses are needed again for next season.

By handling the chicks in this way you avoid handling them so often, they are accustomed to their quarters and you do not check their growth by moving, and you are getting the benefit of your equipment throughout the year. It is easier and better to move the stove to another house than it is to move the chicks and have the house vacant for eight months.

Tack cloth over the ventilators and make the house comfortable and provide for ventilation near the floor, but avoid drafts. Be certain to provide for one cool room. If the chicks have a tendency to cannibalism and pick at one another's toes, paint the window panes with a bluish or whitish frosting. You want light in your brooder house but not the direct rays of the sun. Keep the chicks busy and active. Put some fresh earth on the floor in one

corner of the room. If they show signs of developing the habit of picking at one another, grind some lean meat and mix equal parts of bran, shorts, corn meal and ground meat, with a little water just to moisten it a trifle. After it is mixed, run it through a sausage mill or meat grinder and then feed it to the chicks each day. The frosted windows will do most to prevent cannibalism. You will not be troubled with the chicks piling up and crowding at night in a room where you use these brooder stoves if your room is kept warm enough.

Don't feed the chicks until about forty-eight hours after they are hatched and dry. One of the first things should be sour milk or buttermilk and coarse sand. Cover the floor of the brooder with clover chaff or fine cut straw.



Interior of one of the breeding houses for pullets on Woodland Poultry Farm, Jno. R. Calhoun, proprietor, Morristown, Tenn. His specialty is White Leghorns.

Don't have this too deep. For the first two or three days feed a mixture of two-thirds rolled oats, one-third wheat bran, mixed with hard boiled eggs and a little powdered charcoal and fine bone meal. Feed a little about five times a day for the first three days. Then begin to give two meals a day of commercial chick feed. The first mixture is fed morning, noon and night and the chick feed between meals. As they become older, gradually eliminate the rolled oats until you use only the chick feed and keep before them a dry mash mixed in the following proportions:

10 lbs. wheat bran,	2½ lbs. ground oats,
5 lbs. shorts,	2 ozs. fine charcoal,
5 lbs. corn meal,	2 ozs. fine salt.

If you cannot secure sour milk, buttermilk or milkoline, then mix two pounds of dry beef scraps with the above. If you use any form of milk, keep it before them at all times or at least the first half of the day. They need some green food. Use clippings from sprouted oats or cut up some onions occasionally. The above methods have proved simple and successful.

The Contest.

The 720 hens laid 5,095 eggs in January, which was about 23 per cent production. The temperature dropped to 12 and 15 degrees below zero the latter part of the month and this has checked the egg yield. The pullets have been slower in getting started than usual but we expect to see the record well above the average before the year is concluded.

The ten highest pens of five pullets each laid in January, 1917, as follows:

Pen.	Eggs.
17. Single Comb White Leghorns, Missouri.....	112
74. White Wyandottes, Illinois.....	101
76. White Wyandottes, Arkansas.....	100
114. Barred Plymouth Rocks, Missouri.....	98
94. Buff Wyandottes, Missouri.....	94
75. White Wyandottes, Illinois.....	93
99. White Orpingtons, Kansas.....	91
96. Buff Orpingtons, Kansas.....	90
30. Single Comb Leghorns, Kansas.....	85
21. Single Comb Leghorns, Illinois.....	80
105. Single Comb Leghorns, Missouri.....	80

White Leghorns have won the silver cups for the best pen records for November and January, but the White Wyandottes lead for the month of December and are in the lead for the three months. The ten highest pens to date are as follows:

Pen.	Eggs.
74. White Wyandottes, Illinois.....	244
94. Buff Wyandottes, Missouri.....	236
16. Single Comb White Leghorns, Kansas.....	218
75. White Wyandottes, Illinois.....	206
76. White Wyandottes, Arkansas.....	191
9. Single Comb White Leghorns, Pennsylvania.....	186
114. Barred Plymouth Rocks, Missouri.....	180
105. Single Comb Rhode Island Reds, Missouri.....	175
17. Single Comb White Leghorns, Missouri.....	170
61. Rose Comb Rhode Island Reds, Canada.....	168
96. Buff Orpingtons, Kansas.....	168

The ten pullets in the pen contest that are leading are as follows:

Hen.	Eggs.
461. Black Rhinelander, California.....	68
763. White Wyandotte, Arkansas.....	66
944. Buff Wyandotte, Missouri.....	64
743. White Wyandotte, Illinois.....	60
756. White Wyandotte, Illinois.....	59
745. White Wyandotte, Illinois.....	58
871. White Plymouth Rock, Tennessee.....	57
1144. Barred Plymouth Rock, Missouri.....	57
1092. Rose Comb Rhode Island White, New York.....	57
7311. White Wyandotte, Missouri.....	57

The hens in the individual contest have not laid as well as they should. The four highest hens thus far are as follows:

Hen.	Eggs.
388. Buff Leghorn, Michigan.....	59
468. White Rock, Kansas.....	57
198. Rose Comb Red, Ohio.....	45
347. Buff Leghorn, Michigan.....	44

I hereby certify that the above is a correct report of the first American Egg Laying Contest for the month of January, 1917.

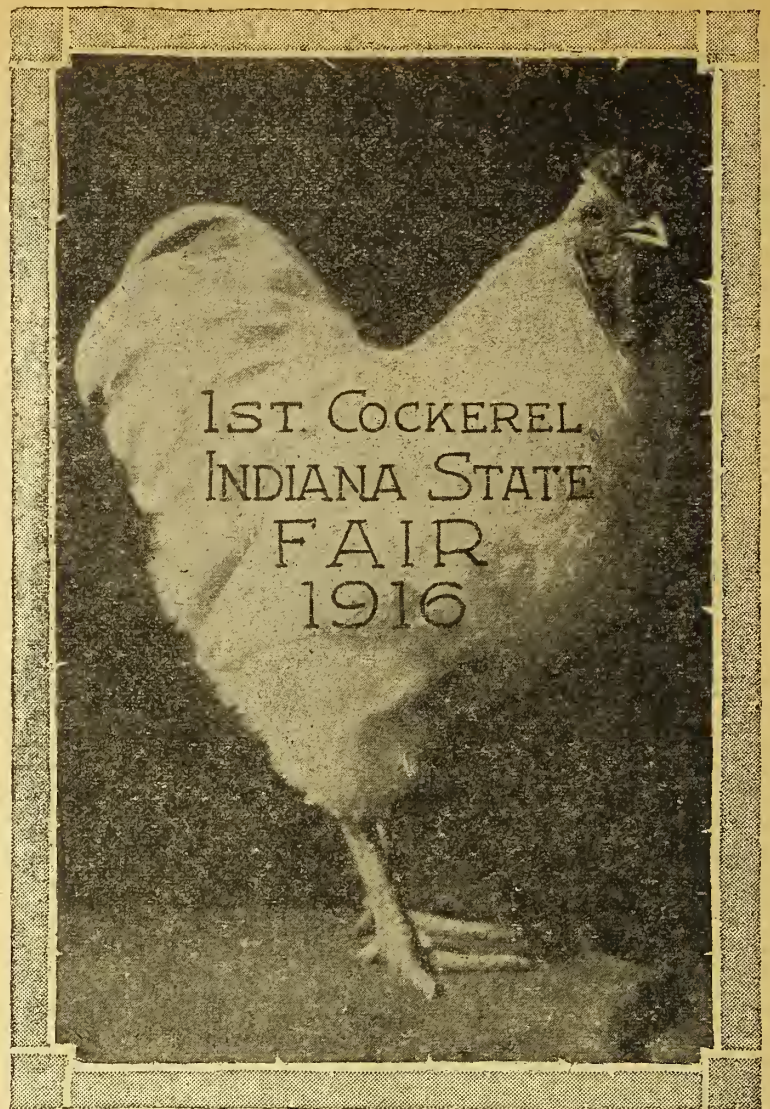
T. E. QUISENBERRY, President,
American School of Poultry Husbandry,
Leavenworth, Kas.

JANUARY REPORT OF SIXTH NATIONAL EGG LAYING CONTEST.

The Development of Pullets Noted.—High Record Made in January at Mountain Grove Contest.—Rhode Island Whites Win Cup for January.—All Hens Averaged 13.7 Eggs This Month.

THREE stages of development are usually noted at the beginning of an egg laying contest. First is a class of pullets which have been laying for sometime before entering the contest on November first. Nature tries to place them in the "hen" class and causes them to go through a fall moult the same as hens. This, of course, reduces the egg record. Another class is the small, premature pullets which require some time to develop, which prevents them from making a high record during the contest year—November first to November first. The over-developed pullets are hatched too early, while the under-developed ones are not hatched early enough. The other class is made up of pullets which are hatched at the right time and are properly developed to begin laying about November first and continue through the winter. About 80 per cent of the high producers are in this class.

No arbitrary dates can be fixed for hatching the many



Bred and owned by Carrington Jones, White Wyandotte specialist, Buntyn, Tenn.

breeds, for the chicks can be influenced by feed and care after hatching, but the following dates have been found good:

Last of February and first of March for the heavier breeds.

Last of March and first of April for the medium breeds.

Last of April and first of May for the small breeds.

About as many pullets in the contest have been hatched too early as too late.

About 60 per cent of the pullets began laying in November or before, 50 per cent of the remainder began in December, and 75 per cent of the ones left began laying in January, there being only fourteen pullets not laying up to January 31. This indicates that if pullets have the proper feed and care they will begin laying as soon as they are developed, regardless of the season of the year. Five pullets went broody during the month and twenty are not laying on account of moult.

The contest made some very unusual records during January. The 290 pullets laid 3,982 eggs during the month, which is an average of 13.7 eggs for each pullet. One Buff Orpington pullet laid twenty-eight eggs in December and thirty in January, making a profit of almost \$1.50 during the two months.

Many breeds and varieties are making good records, so the prizes and honorable mention are distributed among the many varieties.

The five highest hens to date are as follows:

Hen.	Pen.	Eggs.
4.	35.	White Wyandotte, Missouri..... 81
3.	19.	Rose Comb Rhode Island White, New Jersey.. 75
3.	35.	White Wyandotte, Missouri..... 71
1.	28.	Single Comb Red, Iowa..... 71
1.	3.	Buckeye, Missouri..... 69
3.	8.	White Rock, Idaho..... 69
1.	8.	White Rock, Idaho..... 67
4.	31.	White Wyandotte, New York..... 67

The five highest pens for January are as follows:

Pen.	Eggs.
19. Rose Comb Rhode Island Whites, New Jersey.....	114
5. Buff Rocks, Kansas.....	108
29. Buff Orpingtons, Missouri.....	101
43. Single Comb Buff Leghorns, Michigan.....	100
23. White Orpingtons, Missouri.....	99



The ten highest pens to date are as follows:

Pen.	Eggs.
35. White Wyandottes, Missouri.....	304
19. Rose Comb Rhode Island Whites, New Jersey.....	294
31. White Wyandottes, New York.....	279
27. Buff Orpingtons, Missouri.....	261
23. White Orpingtons, Missouri.....	252
20. Rose Comb Reds, Missouri.....	247
22. Rose Comb Reds, Missouri.....	239
52. Single Comb White Leghorns, Missouri.....	237
28. Single Comb Reds, Iowa.....	235
29. Buff Orpingtons, Missouri.....	229

The cup for January was won by pen 19, Rose Comb Rhode Island Whites, New Jersey, with a record of 114 eggs.

I hereby certify that the above is a correct report of the sixth National Egg Laying Contest for the month of January, 1917.

C. T. PATTERSON, Director,
Missouri State Poultry Experiment Station.
Mountain Grove, Mo.

DOUBLE MATING OF BARRED PLYMOUTH ROCKS.

One of the Leading Breeders of This Popular Variety in the Southwest Tells Why He Prefers the Double Mating System.—Wants a Standard for Both Light and Dark Barred Rocks.

By C. W. STEPHENS, Gause, Texas.

AS THERE has been so much said about this subject, it seems useless for me to try to say anything except to express my convictions as I see them. In the first place, I would have it understood that what I am going to say is simply my own opinion and should not be taken too seriously unless you should happen to think just exactly like I do. And, by the way, wouldn't it be a sad state of affairs if we fanciers all thought just alike on chicken matters only, to say nothing of other things?

I believe in double mating, just as I believe in more than two varieties of fowls. I believe in double mating in the show room as well as in the breeding pens. I have

read a lot of articles from breeders giving their reasons for objecting to shows making classes for the light and dark lines. Some of them claim that the best show specimens of either line cannot be bred from a single mating of either the light or dark line, and advocate a double mating for both lines. Now wouldn't that mix a novice up till he would be thoroughly disgusted with anything that sounded like double mating?

I believe the reason that some breeders have this idea is that judges are more inclined to give the lighter cockerel bred females and the stronger colored pullet bred males preference because they apply to a more or less extent, the Standard description of an exhibition specimen in color, which of course would be quite natural in the absence of a Standard description for light and dark Barred Rocks. This theory, however, will not absolutely hold water, and as proof I offer the following: My second prize pullet bred cockerel at the Dallas State Fair and my first prize pullet were from the same mating and my first prize pullet bred cockerel at this show was from a still lighter mating. I understand somewhat the same thing happened at Kansas City and other shows last season.

You readers who have been in a muddle on account of this theory can go ahead and breed good exhibition specimens from a single mating of either the light or dark line, and I would say if your room is limited keep but one line and speed the day when we shall have a Standard description of light and dark Barred Rocks, for they are in reality two separate breeds.

If these rambling thoughts are not consigned to the waste-basket, I hope that if they have no other effect, they will bring forth some new ideas from breeders of our "grandest of all breeds"—the Barred Plymouth Rocks.

SELECTION OF BREEDING STOCK FOR EGGS.

Great Care Should Be Used in Selecting the Breeding Stock.—Use Only Birds that Show Strong Vitality and Perfect Health.—Pullets that Start Laying Early Should Be Selected for Breeders.

By B. F. KAUPP, Poultry Investigator and Pathologist,
North Carolina Experiment Station, West Raleigh.

SINGLE Comb White Leghorns have been bred to lay and they are the leading breed for egg production alone. It is small, weighing usually between three and one-half and five pounds, and does not supply a large amount of meat when used for the table. Other egg laying breeds are the Minorca, Spanish, Campine, Hamburg and Ancona.

The male bird should be of proper proportions and typical of the breed. He should stand square on his feet, head erect, ready to crow and banter. He should be active and alert. In White Leghorns he should be pure white and free from brassiness. The comb, wattles and ear lobes should be well developed, but not too large. A crow headed appearing bird, one with poorly developed body and "knock-kneed" is indicative of weak constitutional vigor and should be killed for food. Select a male bird from a heavy egg laying hen. The tail should be carried rather low.

In selecting hens for breeding, use only those that show strong constitution as indicated by well developed head, neck, body and limbs. Leg band all pullets that begin to lay the fifth and sixth months as they will be heavy laying hens. Select hens that moult late in the fall for heavy layers. The heavy egg layer is the busy hen. She is up early in the morning, to roost late at night, forages, has well developed body and head, comb red, eyes prominent and alert, long back and breast lines, wide between the pubic bones, great capacity as indicated by great length between the posterior end of the breast bone and pelvic angle. The body of a heavy layer is wedge shaped. The laying hen has a happy disposition. The skull should not be too broad but rather refined, and the comb, face and wattles of fine texture. For egg production alone the birds do not need to be mated, as just as many eggs will be produced without the male.

The General Purpose Fowl.

The breeds for general purpose or for meat are any of the American or English breeds, as the Plymouth Rocks, Rhode Island Reds or Orpingtons. The most popular breeds are the Single Comb Rhode Island Red, Barred, White and Buff Plymouth Rock, Buff and White Orpingtons.

Birds used exclusively for meat production may be the Light Brahma, as they are very large. In selecting the birds for breeding use the same principles as given above for Leghorns. By selecting heavy layers, and male birds from heavy laying hens, the average egg yield will be increased. Mate one male to ten or twelve females.

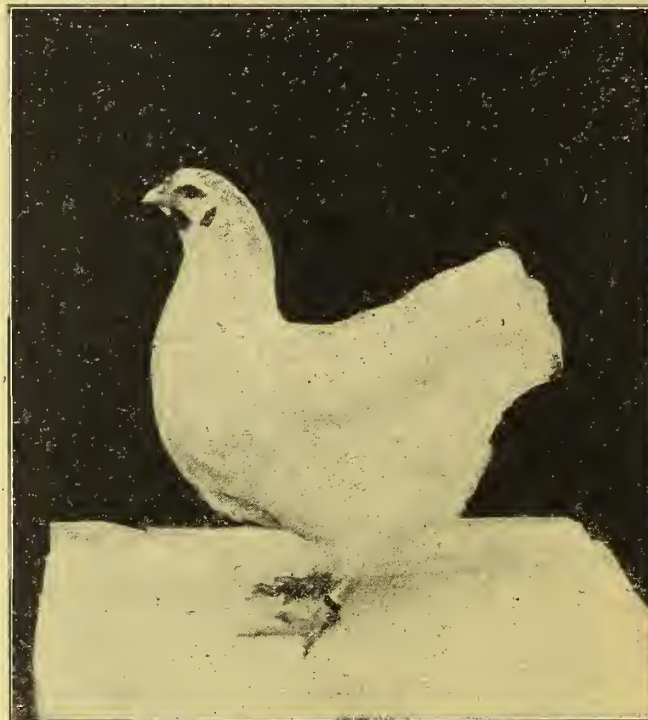
Turkeys.

The turkey hens should be over one year old. Be sure they are strong, healthy and vigorous and of good size. The male should be a yearling or older. Use a large but not overgrown male. He should be strong, healthy and vigorous which will be shown by his well development of head, body and limbs. He should stand square on his feet and be ready to banter. Do not breed brother and sister, and the same holds good for selection of fowls. New blood is of vital importance to turkeys.

Secure male in fall so as to make sure of his healthy and vigorous constitution before breeding season. Size is influenced largely by female and color and finish by the male. One male can be mated to eight females. Some breeders yard the birds during breeding season under which conditions the birds must have plenty of green feed. March and April are the main breeding months.

They may be fed oyster shell and grain mixture, equal parts corn, wheat and oats or barley may be substituted for the corn. If they are confined in pens they must have each day green feed and meat scrap. A dry mash similar to that used for hens is sometimes used.

The latter part of February is the proper time to mate your turkeys. The spurs of the tom should be cut off to



First prize pullet and champion White Wyandotte,
Charlotte, Dec., 1916. Bred and owned by
Rosedale Farm, Rt. 10, Paw Creek, N. C.

prevent injury of the hen. Four nests should be provided for each eight turkey hens. Use barrels with opening turned toward the wall with just enough room for the hen to enter. Place clean straw in the barrel for nesting material. The eggs may be hatched by a common hen, placing about eleven eggs to the hen.

THE AMERICAN HEN

Plays an Important Factor in Financial Circles.—Eggs Today Are Higher Than Was Ever Known.—This Should Cause More People to Become Interested in the American Hen, and Give Them an Idea as to What She Has Done and is Doing Today for Her Keeper.

By MRS. JOE MULLIGAN, St. Josephs, Ky.

CACKLING of hens in a poultry lot is louder and more important in the commerce of the United States than any other industry. The American hog has of late been vaunted as a "prince of money makers." Yet the hen has him beaten a mile; as the annual production and consumption of pork is small compared with that of eggs and chickens; for there is scarcely an inhabited nook where eggs are not eaten. The hen looks rather small, but all the hens of this country when taken together produce

more wealth each year than all the coal mines. In these days of sharp competition, where the margin of profit is reduced to the minimum, the stockman and farmers are beginning to realize that the poultry industry is no small thing.

A few years ago on many farms and in many city lots could be seen large numbers of fowls that lacked uniformity in size and color, and that differed also in general characteristics. There has been a great change; there is vast improvement shown today, and the demand is becoming greater every day for a flock that is uniform in size and color. The day is fast coming when a thoroughly equipped poultry plant according to the most modern scientific methods and plans, will also be looked upon as one of the essentials of a well ordered farm.

The time is not long since the farmers hesitated to invest in dairy equipment, splendid barns, silos, separators and a score of other things. They put their good money into those and found it profitable, too, as they secured the largest possible returns from their dairy products. Then they held their purses tightly and with grave suspicion at each successive improvement, who will give them up now? They are recognized as the essentials of the farmer-dairyman's business. True, it all costs money.

The farmer has no one to blame but himself if he is not successful with chickens. He will pay a long price to get the best blood into his cattle, but he ignores his feathered mortgage-lifters, yet breeding is as important with poultry as stock where the breeder sets great store by the sire. That the farmer is not getting out of his poultry all that he ought to is a matter of certainty. True, there are exceptions. The farm is the ideal place for raising chickens because there the proper conditions can be secured; everything in his favor, the fields to wander over, the tender leaves of plants, hunt their own grit and needed exercise, he can increase his flock with no thought of the extra work entailed. The care of the poultry comes in so naturally with the other farm work that it is hardly noticeable and if purebred and first class, he will take greater pleasure in them.

There are many farms on which purebred poultry is either a stranger or kept in a limited number. Farmers have not yet grasped the situation. Nothing is the matter with the hen, but something wrong with the farmer. The renter can buy the ready-made portable house to move with his flock of chickens and help reduce the high cost of supplying the family table and advantage is had by eating his own eggs and chickens—the best of meat.

A great many of our poultry plants were engineered in small towns and backyards, many by women, who began on a small scale and grew up in business. Poultry raising is a hobby of mine; in it you have a kind of work before you that has wonderful opportunities. It yields its income daily. The profit is there, but like the gold in the mountain, it takes work to get it out. If not willing to work and have some business ability, you best attend to something else.

We are often told women have no heads for business, but give her a flock of purebred chickens, even with poor equipment, and she can save the farm from a sheriff's sale by her carefully saved profits, although it may sound like fiction to the man who has never given this a serious study. Because some people have embarked in the poultry business and made a failure of it should not discourage one. Some people could not make a success of anything.

KENTUCKY NATIONAL EGG LAYING CONTEST.

January Report of Contest Held by the Kentucky Agricultural Experiment Station, Lexington, Ky.



MATERIAL increase in egg production resulted for the third month of the Kentucky National Egg Laying Contest, held under the auspices of the Kentucky Agricultural Experiment Station, Lexington, Ky. A total of 1,765 eggs were laid by the pullets from the thirty pens, or an average per fowl of nearly 11.8 eggs, as compared to 9.4 for December and 7.1 for November.

Pen 21, Single Comb White Leghorns, from Tennessee, won highest honors for the third month, with a total of 109 eggs. A striking feature of this record lies in the fact that all of the 109 eggs weighed two ounces or more and were therefore all classified as firsts. A pen of Rhode Island Reds and Buff Orpingtons tied for second honors with 104 eggs each. However, the Reds produced .76

pounds more in weight of eggs and are thus given second place.

Pen 21 also leads the contest for the first three months with a total production of 279 eggs. If they continue at the same rate during the rest of the year they will average 218.4 eggs apiece.

The highest producing individual for the three months is a Single Comb White Leghorn that has produced eighty eggs. On a yearly basis this would mean a total of 319 eggs. This pullet weighs 4.7 pounds, and all the eggs produced by her thus far, with the exception of the first two, have weighed two ounces or over. They total in weight 10.75 pounds, 2.28 times her own body weight. This is an exceptionally good record and refutes the theory held by many that White Leghorns lay small eggs.

The highest producing individual for the month is a Single Comb White Leghorn, Band No. 707, from pen 24, which produced thirty eggs. Her record brings out the fact in a striking manner that a strain within a breed is an important factor as regards selection. Only ten of the thirty eggs she produced weighed two ounces or more, and the total weight of her eggs was 3.55 pounds. On the other hand, pullet 723, from pen 21, another Single Comb White Leghorn, produced but twenty-six eggs. All of her eggs, however, weighed two ounces or more, and totaled 3.55 pounds, which is exactly the same as the individual that produced thirty eggs during the same period.

Leading Pens, First Three Months of the Contest.

Pen.	STATE.	Total Eggs.	Firsts.	Seconds.	Weight of Eggs.	Value.	Cost of Feed.
21	Tennessee	279	259	20	36.18	\$11.20	\$2.78
29	Kentucky	248	212	36	31.44	9.84	2.09
10	Kentucky	237	36	201	24.94	9.03	2.63
2	West Virginia ...	226	208	18	28.89	8.98	3.03
28	Kentucky	222	200	22	28.88	8.78	2.32



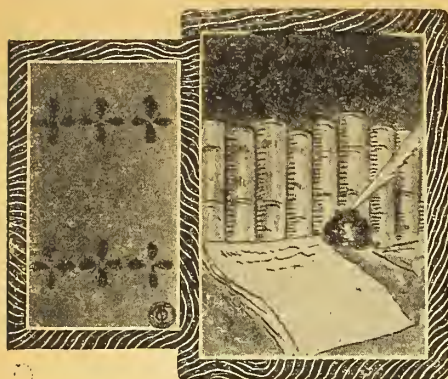
Flock of S. C. White Leghorn pullets on Woodland Poultry Farm.

Leading Hens for First Three Months of Contest.

Pen.	Band No.	BREED.	Total.	Firsts.	Seconds.	Total Weight
21	723	S. C. White Leghorn .	80	78	2	10.75
24	707	S. C. White Leghorn .	74	12	62	8.37
10	790	Barred Rock	71	16	55	8.4

High Producing Pens With Their Records for January.

Pen.	STATE.	Total Eggs.	Firsts.	Seconds.	Weight of Eggs.	Value.	Cost of Feed.	Profit.
21	Tennessee ..	109	109	0	14.18	\$5.01	\$1.05	\$3.96
4	Kentucky ..	104	102	2	13.73	4.78	1.08	3.70
15	Kentucky ..	104	90	14	12.97	4.74	.96	3.78
29	Kentucky ..	92	89	3	11.97	4.22	.63	3.59
23	Kentucky ..	89	74	15	11.54	4.05	.69	3.36



EDITORIAL CORRESPONDENCE

The Poultry Outlook Today.

FOR the past two months we have been gathering information as to the outlook for the poultry business at the present time and during the coming year. From what information we have received from the different breeders we have talked to and heard from, we believe there is one of the greatest demands for stock and eggs now than was ever known. Many of the largest breeders in the South were sold out on stock two months ago and have been forced to return thousands of dollars because they could not fill their orders. These breeders have not only sold out all stock they could spare but have booked baby chick and egg orders from thirty to sixty days in advance. It really seems that the poultry business in the future will prove profitable because no trouble will be experienced in disposing of stock and eggs at good prices.

We hope that breeders will not over-sell in baby chicks and eggs this spring, but on the other hand hatch and raise all the youngsters they possibly can, for the demand is sure to be still greater next fall and winter. Possibly it would be a splendid investment to increase the size of your plant and thereby increase your profits as well. If you have made a success with your present plant and have made a fair profit on your investment, don't hesitate to increase the size of your plant under present conditions. For the past two months eggs have been selling for from 50 to 60 cents per dozen and while it is true all feedstuff is high, still if it advances more and eggs would remain at the present price, there would still be a good margin of profit from market eggs.

In our opinion the poultry business offers a splendid opportunity today to anyone with small capital, and greater profits can be made off the money invested in the poultry business than most any other business you can find. We would like to see every one of our readers invest a few dollars in some purebred stock and eggs of their favorite variety or breed and reap their share of this rich harvest during the next few years. We know of dozens of breeders who started in the poultry business in a small way and today they are selling from three to ten thousand dollars worth of stock, eggs and baby chicks each year, and their business is still growing.

With proper advertising and good treatment accorded your customers—that is, giving them value received—you will find they will come back year after year and a large, profitable business can be built up in a few

years. Now is a splendid time to start. Order some good eggs or chicks today from some of our advertisers.

Who Will Be Next President of the American Poultry Association?

WE believe for the good of the A. P. A. and various other reasons, E. E. Richards, of Cedar Rapids, Iowa, should be re-elected president of the American Poultry Association, and from all indications he will be elected by a large majority when the final ballot is cast. We do not believe in changing officers so much. Mr. Richards should be allowed to serve another term so as to carry out the work he has taken up. It is true that there is other good material in the race, but if elected could they serve the American Poultry Association as well or better than President Richards under the present conditions?

We want to see Mr. Richards elected for another term of office and we hope the South will cast their vote for him in the final balloting. He has made a splendid officer and has served the association in such a satisfactory way he should get the support of every member in the coming election.

Our old friend V. O. Hobbs would make a splendid president for the association, because he is a man of plain, conservative ideas and would not spend or authorize any money to be spent except for the very best interests of the association. He will undoubtedly be elected for the next term of office, succeeding Mr. Richards, but as we said above, we want to see E. E. Richards elected to this term so as to carry out the work he has started.

Building a Profitable Business.

EVERY poultryman is desirous of building up a profitable paying business and his success in this line depends on the treatment he gives his customers and the kind of stock and eggs he sends them in exchange for their hard-earned cash. It is a certain fact that good goods will sell themselves, and if breeders send out good birds and try to please their customers, if necessary giving them a little more than they are expecting for their money, you will find that this is the best advertisement you can possibly get. A pleased customer will come back to you for more stock and eggs and possibly a lot of his friends and neighbors. Pleased customers work on the order of an endless chain. When it is known that you have good birds and that you treat your cus-

tomers right, a profitable paying business is easily established. I know of some breeders who have been selling certain customers for years and through the influence of these customers they have gotten a splendid trade from the same neighborhood.

Treat your customers right and you will keep them. If you sting them in your first dealings, you can't expect to continue getting their trade, and you will not be successful in building up a paying business.

Fort Worth (Tex.) Poultry Show.

THE annual poultry show held by the Fort Worth Poultry Association in connection with the National Breeders and Feeders show have selected March 12-17 as their dates. This is one of the largest shows held in the Southwest and we hope the coming show will be the largest ever held in the history of this association, both in quantity and quality. This show is always well patronized by the breeders in the Southwest and as this is the last large show of the season, we predict it will draw a large entry.

Homes Wanted for Children.

THE Tennessee Children's Home Society, located in Nashville, Tenn., has quite a number of boys and girls ranging in age from seven years old down to little babies. These are fine little fellows, not hungry for food nor destitute for clothes, but are starving for parental love. If you had no one in your home last Christmas who did not believe in a real Santa Claus you missed a lot of fun. Perhaps you are only thinking of the care and responsibility; doubtless you have not thought of the joy and comfort one of these little ones would contribute to the happiness of your home. How about taking twins? We have two sets of twins here and if you are willing to share your home with one of these little ones you may write to Mr. B. G. Regan, 213 Eighth avenue, North, Nashville, Tenn.

Ohio Falls Fanciers Association Elects New Officers.

AT the regular monthly meeting of the Ohio Falls Fanciers Association, Louisville, Ky., held February 12, 1917, the following new officers were elected: Wm. Mehler, president; Geo. E. Schulz, first vice president; G. E. Gill, second vice president; Henry G. Saam, treasurer; A. W. Haller, secretary.

Plans are already being made to hold the next annual show in November, 1917. The two combined shows this association has held here



BUFF ORPINGTONS, S. C. R. I. REDS, BARRED ROCKS

Twenty Buff hens and three yearling cocks for sale. Also five yearling Red cocks at close prices. Three Red cockerels at \$5.00 each and a few Red pullets at \$2.00 each. Barred Rocks all sold. Buff Orpington cockerels at \$3.00 and \$5.00. Buff pullets at \$1.50, \$2.50 and \$5.00. At the Big Armory Show at Louisville, January 8-13, I won on Buffs: Second and fourth cockerels; first, third and fourth pullets; first pen and Silver Cup for best display of Orpingtons. Every bird entered was under the ribbons. Eggs from either breed \$1.50 and \$3.00 per fifteen. Satisfaction guaranteed.

S. M. HARBISON,

No. 410 A Maple Avenue,

Danville, Kentucky

THE OLD HEN STILL LAYS ALL OVER THE SOUTH!

RESULTS! This is a small word, but it means a whole lot to an advertiser when good money is paid for advertising and NO results secured.

Read the following letters. They are the best proof we can offer you. The Industrious Hen is still laying all over the South and her eggs are worth more than market price to any advertiser. April, May and June are three splendid months for making sales. Why not let the old Hen help you? Get your copy in early for our big April issue.

Mooresboro, N. C.,
February 9, 1917.

The Industrious Hen,
Louisville, Ky.

Gentlemen: The Industrious Hen is certainly doing her part in furthering our interests all over the South and has all other publications we have ever used beat a block. We are now using a big Eastern paper which has a large subscription list, but your paper has it all over it for inquiries and sales too. With best wishes for your great paper, and hoping that it will live long, we are,

Very truly yours,

D. R. McBRAYER, Manager.

\$\$\$\$\$\$

Lincoln, Ill.
February 13, 1917.

Industrious Hen,
Louisville, Ky.

Gentlemen: Trade better with me than any time in the last thirty years. I am enjoying a good Southern trade and I know the Industrious Hen is doing her share of pulling, although I have been too busy to check up results this winter.

Very respectfully,

O. F. MITTENDORFF.

\$\$\$\$\$\$

Cumberland City, Tenn.,
February 2, 1917.

The Industrious Hen,
Louisville, Ky.

Dear Sir: I am sending you some changes to be made in our present advertisement. Use same space for March issue. The Industrious Hen has proved a very profitable advertising medium for me.

Very truly yours,

H. A. SCOTT,
Proprietor Cedar Hill Poultry Farm.

\$\$\$\$\$\$

New Ross, Ind., R. F. D. No. 2.,
February 20, 1917.

J. Gaylord Blair, Secretary,
Blair-Young Publishing Co.,
Louisville, Ky.

Dear Sir: Find enclosed a two-dollar bill. Continue my add in your March number. I am getting lots of orders and inquiries now. Received an egg order from Kentucky today. Have some extra good cockerels on hand for sale yet.

Yours truly,

R. L. BRATTON.

were a great success and the coming show promises to beat all former records. Financially the show is in good shape and since the Louisville show has been conducted by this association every premium has been paid before the end of the show.

We want to see all of our patrons and every breeder in the South make plans now to show a string of their best birds at the big Armory Show here in November, 1917. This will be the largest show held in the South.

New Poultry Paper Launched at Memphis.

WE are in receipt of a copy of the Tri-State Poultry Journal, volume one, number one, published by the Tri-State Publishing Co., Memphis, Tenn. J. Howard Sledd, formerly with the O. K. Poultry Journal, Mounds, Okla., is editor. Mr. Sledd is well known to the poultry breeders of the South and we predict that this new paper will re-

ceive their share of the business from this rich field. We believe this new publication will do a great work in boosting the industry in the South. They have the best wishes of the Industrious Hen in their new venture.

Ehrich S. C. Black Minorcas.

Among the biggest winners in the Ohio Valley Fanciers show was Dr. Wm. S. Ehrich, of Evansville, Ind., whose Single Comb Black Minorcas captured four of the five blue ribbons. These birds have shown in thirteen classes in Henderson, Mt. Carmel and Evansville, and have won ten blue ribbons. Mr. Geo. Northup, who judged in Mt. Carmel, complimented Dr. Ehrich on the excellent color, weight and type of his Minorcas.

Barrett's Blue Ribbon and Imported Strain S. C. Mottled Anconas

The world's greatest layers. Eggs and Baby Chicks. Write for mating list.

Barrett's Ancona Farm Morrystown, Tenn.

S. C. WHITE ORPINGTONS

Won 1st and 4th pullet, 2d, 4th and 6th cockerel and 1st pen, grand champion hen, all breeds competing, also grand champion pullet, 1915, Tri-State Fair, Memphis, Tenn. Many extra fine cockerels now at half what they will cost when breeding season starts. Hurry before too late.

R. P. DORRIS,

PARIS, TENNESSEE

DOOLITTLE'S ORPINGTONS—WHITE BUFF BLACK

Eggs for hatching from exceptionally fine matings at prices that will please you. We guarantee satisfaction on all orders. Get your copy of our free mating list before placing your order for eggs.

W. L. DOOLITTLE,

Stevens St.

FAIRMONT, WEST VIRGINIA

CALHOUN S. C. WHITE LEGHORNS

Order Hatching Eggs and Chicks from our vigorous free-range yearlings and splendid males. Birds of true Leghorn type. Unsurpassed Winter layers. We have pleased others and can please you. Write us now.

WOODLAND POULTRY FARM,

JNO. R. CALHOUN, Prop.

Morrystown, Tennessee



"Regal" Matings for 1917

For the season of 1917 my 24 Exhibition Matings are the finest I have ever offered. They are headed by winning males at the New York State Fair, Boston and Hagerstown, and contain a host of winning females. The Regal strain has reproduced its quality and established more successful breeders than any strain in existence.

If you are not getting good results in fertility or egg production, if your birds are weak in constitution and not as vigorous as you would like, why not start all over again with the pure Regal strain?

EXHIBITION MATINGS

Pens 1 to 20 (as they run) \$5.00 per 15, \$9.00 per 50, \$12 per 45, \$24.00 per 100. Pens 5 to 12 are special matings. Eggs selected from special pens only are \$10.00 per 15, \$18.00 per 30, \$25.00 per 45, \$50.00 per 100.

RECORD LAYING PENS (DORCAS LINE)

Pens 21 to 30 are headed by males bred from females with high records. Some of these males also have exhibition records. The females in these ten pens are composed of yearlings with trap-nest records from 180 to 246 and pullets of the same breeding. From these pens eggs are \$5.00 per 15, \$15.00 per 50, \$27.00 per 100, \$50.00 per 200. Utility matings of vigorous surplus stock—\$5.50 per 50, \$10.00 per 100, \$45.00 per 500, \$85.00 per 1,000.

1000—Cocks, Hens, Cockerels and Pullets for sale—1000

SPECIAL VALUE PENS—Male and four females \$25, \$35 and \$50. Fine Exhibition or Dorcas Cockerels \$10, \$15, \$20 and \$25. Pullets \$4, \$5, \$8 and \$10. Stay White Utility Cockerels \$3 and \$5 each. FREE—Send for 1917 Catalogue and Mating List. It gives full description of all my matings. Send One Dime for the Regal White Wyandotte Book. The information it contains will be worth dollars to you.

JOHN S. MARTIN,

Box 911

Port Dover, Canada



Under this heading we will give our exchanges that we think will interest readers each month clippings from our them.

DOLLAR EGGS PREDICTED.

Pittsburgh Dealers Look for Record High Price, Due to Scarcity.

FRESH eggs will retail at one dollar a dozen in Pittsburgh before the end of the month, according to predictions made by wholesale dealers and commission agents. These quotations will establish a high record here.

"Eggs are scarcer than they have been for more than a decade," was the way a Ferry street butter and egg merchant explained the situation. "Both the fresh and storage grades are hard to buy. Last Saturday I sent twenty-five telegraphic inquiries to New Orleans, La., and other places in the South and Southwest. Up to noon today I had not received an answer. When eggs are scarce in Louisiana at this season of the year it is a certainty that they are not plentiful anywhere."—Poultry Press.

Don't Put It Off.

Don't delay ordering that which you need for your spring business. Your incubator may need some repairs or you may need a new one. You will want baby chicks, eggs for hatching or baskets or boxes to ship them in. You will want chick feed and milkilene. You will want brooders and lice powders and disinfectants. Order them now and have them on hand when you actually need them. One day's delay at a critical time may cost you a lot of money later on.

How about that incubator and brooder lamp? Is there a new wick in it; does the burner need boiling out? Has that brooder you stored up over the carriage shed warped or shrunk? What are you going to use for litter? Are you ready to supply your breeders and chicks with green food? Are you prepared to sprout grain for them? Have you got a toe punch to mark those chicks? Are your breeders in good condition? Are they too fat and do they need more exercise?

Take a check on your supplies and see what you need and get it ordered right now. Don't put it off.—Big Four.

Poultry Association Elects Officers.

At the recent monthly meeting of the Ohio Falls Fanciers Association, Louisville, Ky., officers were elected for the coming year as follows: Mr. William Mehler, president; Mr. Geo. E. Schulz, vice president; Mr. Geo. E. Gill, second vice president; Mr. A. W. Haller, secretary; Mr. Henry G. Saam, treasurer; Mrs. M. S. Leslie, assistant secretary. The five gentlemen mentioned above and Mr. Eu-

gene Straus and Mr. Louis Deutsch compose the board of directors. The meeting was well attended.

On the second Tuesday night of March the association will have a goodfellowship meeting. Every poultry breeder will be invited to attend. A buffet lunch will be served by the new officers and a general good time is promised all. Every poultryman, whether a member or not, should attend this meeting, as he owes it to his community and home town to make this one of the largest poultry centers in the Union. This can only be done by the co-operation of everyone interested in the subject.

Recalls Three-Cent Eggs.

Macon, Mo.—"People who com-



MAPLESIDE "Bred-to-Lay" Barred Plymouth Rocks

ACKNOWLEDGE NO SUPERIORS AS LAYERS

80% of all Hens on Hand Jan. 1, 1917, Averaged 201 Eggs Each

Eggs for hatching \$2.00 per 15, \$3.50 per 30, \$5.00 per 50, \$9.00 per 100. Pedigreed eggs \$10.00 per 15.

O. F. MITTENDORFF, Box M, Lincoln, Ill.

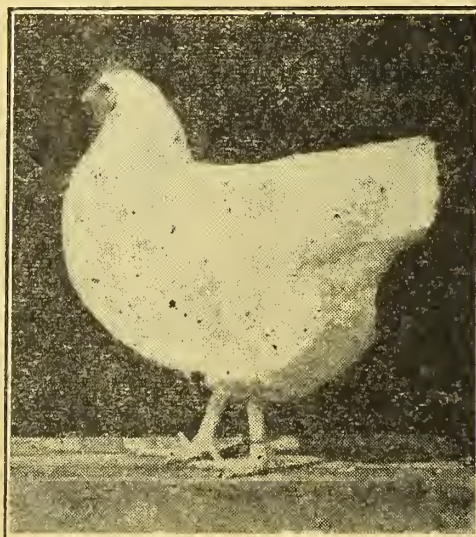


Worthington's S. C. White Leghorns

Winning at Tri-State Fair, Memphis, 1st and 5th Hens, 3rd Pullet, 5th Cock, 5th Old and Young Pens. Champion Hen. 5th sweepstakes State Show of Arkansas, Danville. Every prize but two in class. Largest and best display. They have won everywhere shown and are Range Raised. White, vigorous, and are bred to better egg production. My pens are better this year than ever before, and all of them will produce Large, Healthy Chicks that will live, and there will be many winners raised from them.

Eggs at \$2, \$3 and \$5 per 15. Baby Chicks. Mated pairs, trios and pens, singles, old or young. Book your order for eggs and chicks early. Satisfaction guaranteed.

H. C. WORTHINGTON, Box 635, Forrest City, Ark.



Unretouched Photo "HIGHLAND LADY", 1st Prize White Rock Hen, Chattanooga and Memphis, 1915, in competition with 125 single entries. 1st Prize Chattanooga, 1916.

plain of paying five cents apiece for eggs think they are in hard luck," remarked J. H. Wright, one of the county's pioneers; "but I can tell you we thought times were a good deal worse in the '50s, when eggs were selling at three cents a dozen," he said. "I remember one day of taking a basket of the nicest eggs ever laid to old Bloomington and offering them to the merchant there. When he told me he could get all the eggs he wanted for three cents a dozen and wouldn't pay any more I took mine back home.

"Those were what you call real hard times as far as money was concerned. People raised lots more stuff on the farm, but couldn't get anything for it because there was no way to get it to market."



30 Best Breeds Poultry

Stock and Eggs. Low price. Big new illustrated circular Free. See it. John E. Heatwole, Harrisonburg, Va.

Waterloo Poultry Farm

Bred to lay S. C. White Leghorns. Eggs \$1.00 per 15. 100 or more eggs, 6c per egg. Baby chicks. Write for prices. Satisfaction guaranteed.

J. L. CUNNINGHAM

KERRS CREEK R. F. D., No. 1 VIRGINIA

Plymouth Rocks White Barred

THE KIND THAT LAY
WHEN EGGS PAY.

Prize winners and utility stock, eggs and baby chicks for sale.

Eggs \$1.50 per 15; baby chicks 15c each.

Satisfaction guaranteed.

Highland Poultry Farm

W. A. LUTHER, Prop.

SHEPHERD, TENNESSEE

SOUTHEASTERN NOTES and COMMENTS

By D. R. McBRAYER, Mooresboro, N. C.

MARCH! Not only is the season of March winds and baby chicks here, but it is highly probable that before these lines are off the press that we will hear the call to march to the defense of our country. Never in the history of the United States has she faced such a grave problem as today, and never has a President been up against a harder problem than is President Wilson. War with Germany is coming and that pretty soon, unless something unforeseen happens; and we might as well be ready to answer the call. President Wilson has taken the only honorable way left for him to take, and Congress is backing him up, as will the great army of American people. There are a few, however, who are clamoring for peace—peace at any price—yes, even at the price of our honor—but they are in the minority, we are glad to say. America is "the land of the free and the home of the brave," and God forbid that we should ever allow ourselves to be known as anything other. We are



Scene on poultry plant of H. C. Worthington, Forest City, Ark., breeder of S. C. White Leghorns. Look up his ad in this issue. This is young Miss Worthington feeding the chicks.

not a nation of cowards. We are not weaklings to be despised and trodden under the foot of any nation in the world, and we will continue to stand for RIGHT and when our rights are threatened we are going to show to the world that we are a nation of STRENGTH, POWER AND FREEDOM, and that we not only have inexhaustible resources at our command but that we have men who can and will devise means to protect our honor and save our nation from subjugation at the hands of Germany or any other power on earth. Our President is right and RIGHT will win. We are backed by a HIGHER POWER and we should fear not, "for He will be with us even to the end." Peace cannot and will not come in Europe until the Giver of every good and perfect gift has taught the people of the warring nations that He is their Ruler after all and that they must look to Him for life, for help and for guidance in the hour of trouble. Peace before this will not be a

lasting peace and may we not have peace until it comes in the right way.

Now is the time to get the March pullets and the March pullet is the money maker in the heavier breeds. Hatched now they will come into full lay next fall before the weather gets so cold and will lay all winter. And too, lice and mites are not so troublesome during this and next month as later in the hatching season. It will take more care to raise the chicks now than during the balmy days of May and June but it will be worth the extra trouble to have your eggs to market at the high prices they will be bringing next November. Start the incubators now. Give the broody hens eggs and get off as many chicks during March and April as possible.

The outlook now is the brightest for some years. Notwithstanding the high prices of poultry feed there is more money in the business than for the last few years when feed was cheap. A little comparison of poultry and egg prices of last year and this will serve to show best the great advance in prices of all poultry products. February 9, 1916, eggs were selling on the wholesale commission markets in Richmond, Va., at 24 to

25 cents per dozen and hens at 15 to 16 cents per pound, and on the same date this year eggs were selling for 42 to 45 cents per dozen and hens at 20 and 22 cents per pound. Quite a nice advance in prices for the producer, and a price that should make money for him. Don't be afraid to hatch and raise all the chicks you can possibly care for this spring and summer for there will be a market for them and at a price that will pay for the raising too. Get busy and get your share of the 1917 profits. And not only is the market prices high but there is a greater demand for breeding stock than for some time.

LAYING HENS LIKE THESE



S. C. White Leghorns

Place your order now for eggs and chicks bred from Sangers great egg layers. We guarantee satisfaction or money refunded. Address,

M. G. SANGER & SON
Leghorn Specialists,

MT. SOLON, VIRGINIA

WHITE PLYMOUTH ROCKS

Our birds won as follows at the Tri-State Fair, Memphis, 1916: 1st young pen, 4th old pen, 4th cock erel, 4th pullet in competition with World's Fair Champions. Write us for prices on stock or eggs
Mrs. Ira Johnson, COUNTY AVE. POULTRY FARM, Texarkana, Arkansas

PARKER'S RHODE ISLAND REDS

B. D. PARKER,
Sanders, Kentucky

Win again at the LOUISVILLE SHOW in one of the strongest classes ever shown in the South. (See winnings elsewhere in this issue.) A few good exhibition cockerels at reasonable prices. Also some good breeding cockerels from \$5 up. Eggs from three extra strong matings at \$5 per 15. Write for mating list. Remember, I guarantee satisfaction.

WHY CHICKS DIE IN THE SHELL

We want to tell you how to prevent chicks from dying in the shell just at hatching time; how to save them from White Diarrhoea or Bowel Trouble; how to build the best Home-made Brooder in the world from an ordinary box, or change your old one. Send us names and addresses of 5 to 8 of your friends that use incubators; we will send you this information absolutely free. Send names today—it may save you hundreds of dollars this year.

RAISALL REMEDY COMPANY,

BLACKWELL, OKLAHOMA



S. C. WHITE LEGHORN

Baby Chicks and Eggs from selected, heavy laying stock. We are now shipping orders promptly and can give you the best of service and guarantee satisfaction. Write today for booklet giving prices.

GAULT EGG FARM
CHAMPAIGN, ILLINOIS

DISPERSAL SALE OF MY PRIZE WINNING S. C. WHITE LEGHORNS



Including winners at Madison Square Garden, Allentown, Memphis, Chattanooga, Kentucky State Fair, Richmond, Ohio Falls Fanciers Association and other shows. These birds are my selected breeders. They include 1st and 5th young pens, 3d hen, champion cockerel of show, Tri-State Fair, 1915; 2d and 4th pens, 2d and 5th hens, 2d cock, Chattanooga, 1915; champion, 1915 Kentucky State Fair pullet; 1-4 pullets, 3-5 hens, 2d cock, 3d pen, O. F. F. A., 1915; champion pullets of Kentucky State Fair Shows, 1915-1916; 2d hen, Madison Square Garden; 1-2-4 cockerel, 1st cock, 1-3-4 hens, 2-3-4 pullets, 1-2 pens, Richmond, 1916. At Ohio Falls Fanciers Association in 1917, I won 1-2-3-5 cockerels, 1-2-3-5 hens, 2-4 pullets, 1-3 old pens, 1st young pen. Won champion cockerel, champion cock, champion pen of show, defeating some celebrated winners, among them 1st Chicago 1915 cockerel. Totally I will sell sixty hens, thirty pullets, four cocks, fifteen cockerels. I will sell them in lots of ten or more at five dollars each. For quick sale I will accept first certified check for three hundred dollars. These birds are guaranteed as represented. Reference, Fayette National Bank, Lexington, Ky.

Blue Grass White Leghorn Farm,

Dr. W. BARROW,

148 Market St., Lexington, Ky.

We might add right here that the care of the breeding stock during the early season especially has much to do with the success of chick hatching and raising. We must not only have strong and healthy birds but we must give them the very best of attention if we expect their eggs to hatch the largest number of strong, healthy chicks. Many incubator failures may be traced to the breeding pen and no man who mates up a pen of birds and cares for them in a haphazard way need expect to get the best results in either incubating or brooding.

The past winter has been a severe test on the poultry of the South and poor hatches are not to be unexpected. Not in a decade has the weather been so cold and the cold spell so protracted as during January and February of this year. For the first time since we have been breeding fancy poultry, which covers a period of nearly ten years, has the green feed been killed down so completely as this winter. The cold weather while very disagreeable to most people will after all serve a good purpose, that of keeping fruit back until warm weather arrives for good, and a good fruit crop is to be expected and hoped for this year.

The Jacksonville, Fla., poultry show held during the first part of February, was a great success and one of the largest shows held in the Southeast this season. The entries, which numbered more than 2,000 birds, was over three times as many as was shown there last year, which is a gain to be proud of. The quality of birds shown was hard to beat and the attendance was exceptionally good and a good attendance goes a long way toward making a show a success. Here's wishing them even more birds and an even greater success next year!

Prof. J. R. Ninnis, of Charlotte, N. C., an advertiser in the Industrious Hen, is one of the real fanciers who have entered the ranks during the last few years. He breeds Single Comb White Leghorns and his birds have won an enviable record at many Southern shows this year. Professor Ninnis is a true fancier and he deserves the great success which he is achieving and he is going to be heard from again in the show rooms of the South next fall and winter. Mark this.

The Mecklenburg Poultry Club, of Charlotte, N. C., announce their next show dates as follows: December 11-14, 1917. This new club has held shows during the past two years and all premiums have been paid before

Bigger Poultry Profits for You—



O. K. Chick Fountain
1 Pt., 10c
1 Qt., 20c

This catalogue of ours is brim-full of interest and of profit-suggestions for the poultry-raiser. Everyone of you should get it now—and read all about the careful designing and the high quality of material that enter into the making of—

Oakes Quality Products

For the Poultry Raiser

You will see here three of them, made specially for the chicks—feeders and fountains that mean health and economy. Send for any of them or all of them and become familiar with Oakes Quality—and get the catalog so you can see the many other products that you really need in your business.

Oakes Manufacturing Co.
Makers of everything for the poultry raiser
I. H. Dearborn St., Tipton, Ind.
Eastern Office, 303 Pearl St., New York



Automatic Fountain and Chick Feeder
Without Jar, 10c



Get This FREE BOOK





Chick Feed Troughs
10-in. with grate..... 25c
20-in. " "..... 40c

the show closed, and while it should be so with all shows, we regret to say that few shows do pay all premiums before the show is over and any show that does this is going to succeed. The Mecklenburg club has the co-operation of the Chamber of Commerce of the city and the secretary of this body and the Mayor of the city will meet with the club in March at its monthly meeting to plan for the next big show, and we believe that they are going to hold one of the best shows held in the South next season, and the officers of the club, whom we know personally, are a bunch of men who may be depended upon to give a good account of themselves. The Mecklenburg Poultry Club is one of the real "live wire" organizations in connection with the poultry industry of the South and it will pay you to keep your eye on the doings of this club. Put Charlotte on your list of 1917 shows. You'll never regret it.

Below we are publishing another interesting letter from Mr. J. R. Brown, of Bramwell, W. Va., on "Capon Brooders," which will no doubt be of interest to our readers. Mr. Brown has long been one of the South's leading breeders and we are glad to have his interesting article. He was formerly of Sweetwater, Tenn.

Capon Brooders.

Mr. D. R. McBrayer,
Mooresboro, N. C.

Dear Sir: As you have opened the way for an experience meeting I will give you a bit of my experience on capon brooders.

We all know that the early hatched

pullets are the profitable ones. Many breeders wait for hens to get broody, depending solely on raising chicks with hens, therefore they cannot get the chicks hatched at the proper time. Other breeders use an incubator but wait until late in the season in order for the weather to be mild that brooding is not such a task. I find from experience no better way to get results than to hatch your chicks in an incubator, or send your eggs to some reliable one to hatch them for you and then raise them with a capon.

Last season I paid five cents each for incubator hatched chicks from my furnished eggs. I had my quarters ready and a ten-pound Black Langshan capon who was anxious to become foster father or "mother" to fifty chicks. In one instance I set a hen and put the chicks with a capon who reared the entire hatch with as much tender care as would be possible for any real mother hen to do.

The beauty of capon mothers to those who care for only a few of the best—putting quality before quantity—is, it is much less trouble to raise twenty-five chicks early with a capon than it is to prepare a brooder. In many neighborhoods, three or four parties could get one party to attend to the incubator, say fifty eggs from four different breeders of different strains, hatch them early and each have a capon ready to care for them. I will ensure my capons to turn the trick.

I shall be glad to correspond with anyone interested in this new but true way of getting results in chicken raising.

Yours sincerely,

J. R. BROWN.

S. C. White Leghorns

Eggs for hatching from my high scoring and prize winning pullets. Also some fine blooded cockerels that will please you. Prices that will suit. Write and see.

FAIRVIEW POULTRY YARDS

D. KIES, Prop.

Norwalk, Ohio



TURKEY & WATER FOWL DEPARTMENT

This department is conducted by Mrs. J. C. Shofner, Mulberry, Tenn., and any questions that you wish to ask will be answered through this department if addressed to Mrs. Shofner. If personal reply is wanted enclose a stamped envelope.

Enormous Demand for Stock Turkeys.

I HAVE never known such a demand for high class breeding turkeys, caused by the high prices paid for market turkeys. It seems that the farmers' wives and daughters are thoroughly awakened to the poultry interest everywhere, and I am glad to see it. I have urged and encouraged poultry raising on every available foot of ground, even the small back yard pens in towns and cities, in order to utilize the waste table scrap. One can raise chickens on very small areas, but turkeys cannot be raised without considerable range—the more, the better.

The turkey is the farmer's fowl and I would like to see every farm in the country have a nice flock of turkeys of some variety to sell this fall. There are some city people becoming awakened to the possibilities in turkey raising and they are buying stock turkeys and having them raised on shares in the country, by people whom they think haven't the money to invest in stock, but who raise nice flocks. There is no investment one can put their money into that pays a greater dividend than money put in stock turkeys when handled right. They can also be made a great help on the farm, as they destroy the insects that are damaging to growing crops, and build their own bodies on the waste field and grass seed. A flock of turkeys can be raised in a wheat field until it is harvested, and will not eat a bushel of standing wheat. However, when it is cut and put in shock it must be watched or they will destroy a large part of it.

I have had such great demand for breeding stock this season, I wish I might raise a thousand and supply every one with high class birds, instead of returning money to disappointed customers. This year I have the supervision over five flocks, thirty females and five toms, the best that money could buy. Toms all unrelated and all on different farms. So there will be no mixing of pens or fighting of toms. In this way I hope to be able to fit up pens and trios mated for best results. I also keep a record from year to year of each individual who buys from me, and in referring to this record can furnish new blood in this customer's flock which will produce better results than they might possibly get from foreign breeds.

If one has a defect in plumage of tom, hens should be selected as free of this defect as possible. If hens are small in size, a large boned and framed tom should be selected. A great improvement will then be seen in the offspring.

Now, let's all do our best during 1917 and raise all the poultry of every kind we possibly can. For the prices will not go down for several years, if ever, to what it once was. I remember in 1891 and '92 eggs here in the country sold for four and five cents per dozen. Now we get from four to five cents per each egg. I have known turkeys to sell on the market at four to six cents per pound. Now we get from twenty to twenty-five cents. But while the price was low on country produce, the products we bought were low in accordance; now we get better prices and pay higher prices for what we buy. So let's meet the demand this year with a good supply.

The Ducks That Pay.

If you want to raise ducks, why not raise large ones and get eggs, too? The Buffs are great layers, averaging over 200 eggs each a year, and are a third larger than a chicken. These eggs are white and of a fine flavor, but are in such great demand for hatching that one can hardly afford to eat them except late in the fall after the hatching season is past. The surplus drakes make most delicious table fowls but to kill a Buff duck would be like killing the goose that laid the golden egg, as they are valuable as layers when much older than hens. They are twice the size of Runners and produce a large amount of feathers which adds greatly to the profit.

The Buffs are the handsomest of the duck family, being a deep yellow,

except the neck and head of the drake, which is a soft seal brown.

The young are easily raised and should be fed liberally on soft feed several times daily, as they grow about three times as fast as chickens. These ducklings are the most active insect hunters known and are especially valuable in the orchard or garden.

When full grown, Buff ducks are light feeders, good foragers and destroy thousands of insects both on land and in the water. They are great converters of waste into dollars and the farmer who is not raising them is missing a good thing. They require no expensive houses like chickens, but prefer to stay in the open except during deep snows or zero weather, at which time any dry shed will do for shelter. They begin laying in January and from then until August one can count on an egg a day from almost every duck. Do not look for eggs in August and Septem-



Champion White Wyandottes

Six grand pens now mated, including first prize pen at Georgia State Fair, 1916. Best eggs \$5 per 15. Eggs from other good matings \$1.50, \$2, \$3. Mating list. White Dotte Poultry Yards, Frank Hamrick, Proprietor, Box B-144, Shelby, N. C.



MAMMOTH BRONZE TURKEY EGGS FOR SALE

Do you want stock from the largest and finest in the South, from prize winners at Madison Square Garden, World's Fair, Nashville and many other great shows? Two flocks, unrelated, to select from. Also Barred Rocks, stock and eggs. Write at once to MRS. J. C. SHOFNER, Route 1, Mulberry, Tenn.

S. C. WHITE LEGHORNS

WINNERS AT EVANSVILLE—SILVER CUP FOR SECOND BEST DISPLAY. Cup for best display in Mediterranean class. First cock, 1st hen, 1st and 3d pen, 3d and 4th pullet and 4th cockerel. Eggs for sale in season. Cockerels for sale. Write at once.

W. W. JONES

ROCKPORT, INDIANA

S. C. WHITE ORPINGTONS

We made a clean sweep at both recent shows where we exhibited, winning all firsts. Our new mating list is-out and gives prices of eggs. A few good cockerels left. Write at once for prices. SATISFACTION GUARANTEED.

RIDGE SPRING POULTRY FARM, Mrs. R. L. Willmoth, Supt.,

Rineyville, Kentucky

Single Comb Rhode Island Reds

Trapnested 200-egg record. Type and color a specialty. Eggs guaranteed.

Prices \$2.00, \$3.00 and \$5.00 per fifteen. If you want some high-class Reds

that will win in the show room and fill the egg basket, order your eggs from me.

MRS. B. W. PEARCE,

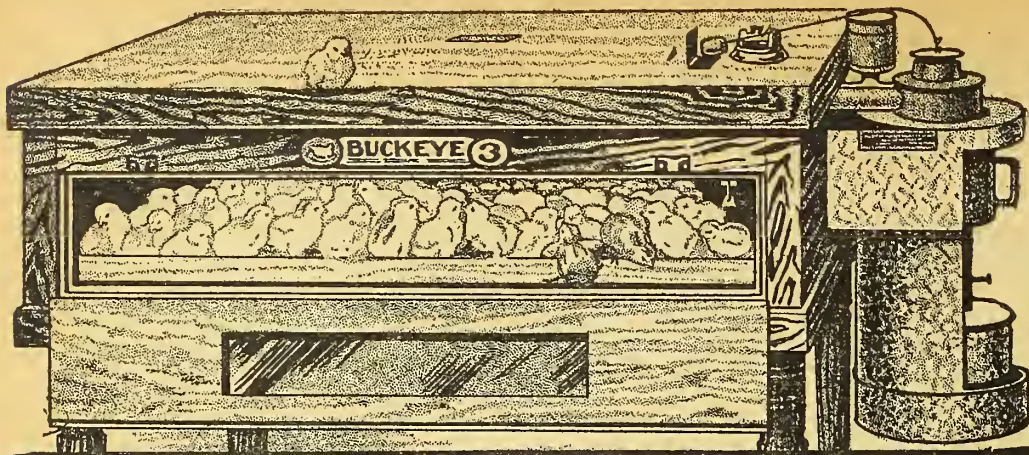
CENTER, TEXAS

White Plymouth Rocks

Best laying strain in the country. All my breeding pens are headed by males from hens with record of more than 200 eggs in one year. Hatching eggs from these pens \$2.00 per setting of 15. \$10.00 per hundred. I have some cockerels 8 months old from hens with trap-nest record of more than 200 eggs in one year. Price \$6.00 each. Order from this ad. I will treat you right.

F. B. ANTHONY,

Benevolence, Georgia



BUCKEYE

The Best Incubator Made

*"Built up to a standard
--not down to a price"*

You'll find it in the plants of the biggest breeders in the country---and you'll find it in the piano box coops of beginners just started.

Anybody can hatch chickens with the Buckeye. It operates automatically and can't go wrong. You get a chick from every hatchable egg.

That's why poultrymen *think* "Buckeye" when they *say* "incubator." That is why all the Agricultural Colleges and Experiment Stations endorse and recommend the Buckeye.

Here's What We Guarantee

The Buckeye incubator is *guaranteed* to hatch more chicks and better chicks than any other incubator regardless of price, or we take it back.

The fame of this guarantee has traveled from sea to sea. Over half a million "Buckeyes" are in use by big and little breeders and over 2000 leading dealers sell it.

Agents Wanted

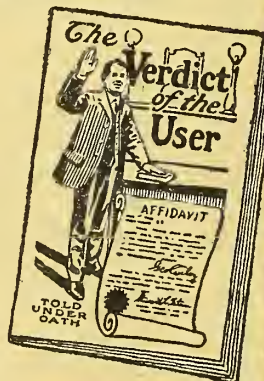
Some very
choice territory
open.

Write quick

7 Sizes--60 to 600 Eggs

What they say from experience is to be found in our book---"The Verdict of the User"---backed by affidavit.

A copy of this book and our catalog can be had free from our dealer, or drop us a postal to send you our "Incubator" books.



The Buckeye Incubator Co.

561 Euclid Avenue

Springfield, Ohio

ber, as this is their resting and moulting period. The matured ducks are ready to lay in October and will lay right on through November and part of December, until extremely cold weather sets in.

These ducks have all the advantages of chickens and none of their drawbacks such as lice, mites, cholera, roup, etc. We have raised nearly all kinds of poultry but find the Buff ducks the least care and the most profitable.

Sunny Slope Farm.
Stillwater, Okla.

Mooringsport, La., Dec. 22, 1916.
Blair-Young Publishing Co.,
Louisville, Ky.

Gentlemen: A friend has loaned me his copy of the **INDUSTRIOUS HEN**, and like it so well am sending you check for one year's subscription. Kindly send me the December number if possible. Yours for better poultry.

O. L. LEONNARD.
Box No. 4, Mooringsport, La.

A Splendid Record.

Editor *Industrious Hen*,
Louisville, Ky.

Dear Sir: In your January, 1917, issue I read T. E. Quisenberry's account of the Leavenworth, Kan., egg laying contest, and note the best layer for the month gave twenty-five eggs and only two others laid twenty-four eggs each in that time. I presume all birds in the contest were thoroughbreds.

Now, I thoroughly believe in good stock, but want to tell you of a mongrel pullet that laid twenty-four eggs in twenty-nine days. Last July I bought of a passing farmer two small females and a male bird, intending them as friers. I had no other fowls and after keeping these a few weeks and killing the young cockerel, I hated to kill my coming pullets. At that time they weighed possibly a pound and a quarter to a pound and a half each, one being a little lighter in weight than the other, and although I had no definite knowledge as to their age, I believed them to be about three months old and probably of the same hatch. The larger one was a good eater---always ready for food; while the other never appeared to be hungry.

The eater developed early and began laying November 18, 1916, and in twenty-nine days had laid twenty-four eggs, the following being her exact record: November 18, 19, 20, 22, 23, 24, 25, 27, 28, 29, December 1, 2, 3, 4, 6, 7, 8, 9, 10, 12, 13, 14, 15, 16.

She then became broody and on January 3, 1917, gave her fifteen eggs---not being able to get fertile eggs sooner. The other pullet, although apparently of the same age and a finer shaped, prettier bird, has never developed good comb and wattles and has not yet laid an egg.

These birds are both of a buff color with black in tail. Have the Rock shape, but are evidently of mixed blood. They had the run of a small place where green grass was abundant, and were fed good scratch grain.

We are now entering the poultry business on quite a scale and shall keep several varieties of thorough-

breeds and if they prove as good layers as our mongrel pullet "Goldie," we shall be more than satisfied.

Mrs. W. L. Dunton.

Knoxville, Tenn., R. F. D. No. 7, Box 129, January 15, 1917.

Place Orders for Hatching Eggs Early.

Orders for eggs for hatching, day-old chicks or stock should by all means be placed early this year. Knowing conditions as we do in the poultry field, we can do our readers no better favor than advise those who are expecting to purchase stock, eggs for hatching or day-old chicks to place their orders immediately. The demand this season will be the best in years, especially so among the breeders who have demonstrated they have the quality by winning at some good show. Those who put off ordering until they are ready for the goods will experience unusual disappointment in the delay which is sure to come.

It is, indeed, astonishing the large number of orders for hatching eggs and baby chick breeders have already booked. Several have remarked to the writer lately that there were a lot of people going to be disappointed this season when they placed their orders late as usual and expected immediate shipment. Most of the orders that have already been placed have come from those who by misfortune placed their orders late last season or have purchased inferior stock as a foundation. They are alive to the situation and are in the market early for the real quality goods.

The breeders who have quality stock, eggs for hatching or baby chicks will be taxed to the limit to fill their orders. Those who wish early delivery can obtain it this season only by placing their orders early.—I. P. J.

More Ribbons, Cups and Prizes for Champion White Wyandottes.

Champion White Wyandottes, bred at Whitedotte Poultry Farm, Frank Hamerick, proprietor, Shelby, N. C., continue to win in strong competition at the leading shows of the South.

At Winston-Salem, N. C., 1917, with four birds, won first hen, first cock, first cockerel, first cock; silver cup for best display; cash prize for the best hen in the show; special for best white bird in the show.

At Georgia State Fair, Macon, Ga., 1916, won silver cup for best pen of Wyandottes, third hen, third cock, third cockerel, fourth cockerel, third pullet.

At North Carolina State Fair, Raleigh, 1916, won second and fourth cockerel, second cock, second hen, third and fourth pullet, in a very strong and large class.

A New Fence Book Free.

The Brown Fence & Wire Co., of Cleveland, Ohio, is issuing free a beautiful new fence catalog which every farmer should have for reference. This book contains eighty pages, illustrates and describes over 150 styles and sizes of fencing for every conceivable purpose, shows all kinds of lawn fence and gates, field gates, barb-wire and the new triple angle steel fence posts. The book quotes prices from thirteen cents per rod up for Brown double galvanized fence, shipped freight all prepaid, direct from factory. If you need or will need fencing, gates or posts, send for this fine book today. Address Dept. 37, above address, and the book will come by return mail, free to you.

STANDARD COLONY BROODER

**Broods
100 to 1,000
Chicks**

Price **\$16⁰⁰**
Only **\$16⁰⁰**

**A Little Higher in
the West on
Account of
Freight**



PATENTED

Read What Bill User Says

Dear Jim:—

Sure I'll be glad to tell you what I can about brooders. You are dead right—if you expect to stay in the chicken business you've got to *raise* your chicks after you hatch them—and to do that you need the best brooder that money can buy. That is the Standard Colony Brooder, made by the Buckeye people, and sold on 30 days' approval.

When it comes to brooders, I have seen them all, but this "Standard" is the leader of the bunch. It will take care of from 100 to 1000 chicks for less than six cents a day, and do it better and with less work and trouble than any I have ever seen. It is a self-feeding, self-regulating coal burner, and all you have to do is put coal in it once every 24 hours. And you ought to see the little chicks thrive and grow—better than they could under any old hen that ever lived.

It's so all-fired good they tell you to write your own guarantee—and that's going some.

Take it from me, Jim, this brooder proposition is just like the incubator. Get the best one there is—it is the cheapest in the long run—and the best of them all is the "Standard."

Yours for more profit,

BILL USER

A Guarantee Without an "IF"

Just as "Bill" says, when you buy a "Standard" brooder, you can write your own money-back guarantee.

Beware of Imitations! So far we have caught five competitors trying to imitate the "Standard." Make sure by looking for our name.

AGENTS WANTED! Some desirable Territory is still open. Write at once for our offer.

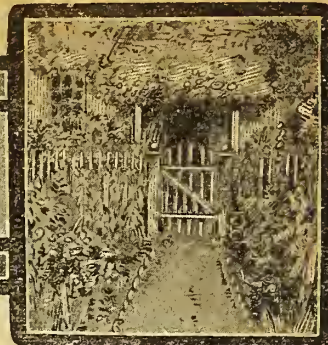
The Buckeye Incubator Co.

564 Euclid Avenue

Springfield, Ohio



FARM AND GARDEN



Under this department we aim to give our readers the best possible news matter pertaining to the farm, garden and other agricultural interests in a condensed form each month. Poultry raisers are usually engaged in other forms of agriculture and we hope they will profit from this department each month. We will be glad to have our readers and subscribers give their experiences here each month.

Spraying Peaches for Leaf Curl.

LEAF CURL is a very troublesome disease of the peach, especially so on Elbertas. No doubt thousands of peach trees are seriously injured each year by this disease. Fortunately it is a trouble that is easily controlled if taken in time, but unfortunately a great many growers take no steps for its control until the disease appears and then it is too late.

Up to a couple of years ago it was thought that the only way to combat the disease was to spray in the spring just as the bud scales began to open. The experiment at Cornell University, however, has successfully demonstrated that fall spraying of peach trees with lime-sulphur spray at scale strength, or with Bordeaux mixture will efficiently control the leaf curl. This will make it possible for many to control the disease much more easily than formerly.

Work is usually piled up in the spring and if no scale is present the peach orchard is liable not to get sprayed. Of course, this information is too late for the control of the leaf curl for the present season by fall spraying, yet the trouble can be easily controlled by the scale spray this spring if the application is delayed until the bud scales are just beginning to open.—The Practical Farmer.

Pride in the Dairy.

No man has a better right to feel a pride in his work than the man who does well any work connected with the business of dairying. No matter whether it be the proprietor, the manager, the most humble helper, the farm boy, the woman, pride is justifiable and public esteem is deserved.

One dairyman who has forced his way from a very humble beginning has expressed himself as preferring a thousand times his business of producing clean milk from healthy cows and having only a few whitewashed shacks for buildings to that of the brewer who employs hundreds of men and who has a fine home on the hill and an auto for almost every hour of the day. This dairyman was producing special milk for babies and gloried in the high class of the product with which he supplied his patrons at all times. His patrons, too, were pleased and pointed with satisfaction and pride to the fact that they purchased milk from that particular dairy for their youngsters.

A good barn that is sanitary and well lighted, a herd of high yielding cows, a silo filled with first class silage, a bull from famous or high producing families are all objects worthy of any man's pride. The one who takes pride in his dairy and in his work connected therewith is the one who will be happy and who will progress. The city milkman who has his place always open to inspection and who has a standing invitation to the public to visit his place at any and all times will find it to have a helpful effect upon his patronage and that his business will grow.

The pride of a dairyman is always the pride a man feels when he has performed in a creditable manner some difficult task. It is never the false pride that prevents a man from doing hard work. It is the pride that spurs him on to a greater effort and greater achievement.—Farmer and Stockman.

Farmers Will Receive Money at Five Per Cent.

According to a lecture by Senator Duncan U. Fletcher at the University

of Florida recently, the farmers of this country probably will receive money at five per cent under the Federal Farm Loan act. He said that just before he left Washington the Farm Loan Board had received assurance that millions of capital would be available at four per cent. This money will be invested in the bonds issued by the Farm Loan banks. Under the provisions of the act the farmers can not be charged more than one per cent above the interest paid on the bonds.

The bonds are highly desirable as investments, owing to their safety and the tax exemptions which they will enjoy. Investors will withdraw their money from less secure bonds and place it in the Farm Loan bonds. Four per cent is an attractive rate for large capital when the solidity of the bonds is considered, since these will be as safe as those of the government.—Southern Cultivator.

Shrubs That Attract Birds.

With the rapid disappearance of bird life, there is a growing appreciation of birds and a greater desire to attract them to our homes. One method of doing this is to plant trees and shrubs bearing fruits that birds eat. When ordering nursery stock this spring why not include something which will not only decorate the home grounds, but will prove a winter life-saver for the birds? The following list gives a few suggestions: Woodbine, bittersweet, wild grape, matrimony vine, sumac, wild roses of many kinds, barberries, snowberry, coralberry, elderberry, high and dwarf bush cranberries, arrowwoods, sheepberry, wayfaring bush, withered, tree and shrub dogwoods, blueberries, spice bush, mulberries, mountain ash and thorn trees.—Ex.

The Asparagus Bed.

People who enjoy the delicious, fresh asparagus in May will not willingly do without a bed of it in their own gardens, and when they have it started will not neglect any precaution needed to secure a bountiful crop of the tender stalks.


It has been truly said that asparagus will grow and yield fair crops with less care and attention than any other garden vegetable. But when beds are persistently neglected, and allowed to become grassy, the quality of the crop will be wonderfully improved by cleaning them out.

Set a man at work, any time between now and spring, when the surface is not frozen, and have him dig out all grass roots and weeds. It may be necessary to remove the whole surface, an inch or two deep, but it should be done. Carry this rubbish away and burn it. Of course it is supposed that you have cut and removed the old tops before the grassing operation begins. After the sod is removed, if there is any room at all between the rows, go through with a cultivator and stir the soil. Then give the bed a good dressing with manure—preferably well rot-

ted barnyard compost. If that is not at hand, good, clean leaf mold is the next best thing. If neither of these be available, fine straw or chaff which is free from weed seed will answer the purpose. There is an objection to coarse, strawy manure—fresh, in that it will make the sprouts tough and strong. There will be a very unpleasant taste for the first year after such an application.

After such treatment of the aspara-

Crown Bone Cutter



EASIEST run, Fastest Cutter, Strong, Substantial build. Bone scrap means more eggs, higher percentage fertility. Own a "Crown" Cutter and have fresh bone for every feed. Dry Bone, Grain and Shell Mills. Hand and Power sizes. Free illus. catalogue. Est. 36 years.

WILSON BROS., Dept. 16 Easton, Pa.

Best Made Lowest in Price

FARM FENCE



16 3/4 CENTS A ROD for a 26-inch Hog Fence, 24 1/2 c. a rod for 47-in. 8 styles Farm, Poultry and Lawn Fences. Low prices Barbed Wire.

FACTORY TO USER DIRECT.

Sold on 30 days FREE TRIAL. Write for free catalog now.

INTERLOCKING FENCE CO
Box 136 MORTON, ILLS.





MASON'S MOVABLE POULTRY YARDS

All Steel. Comes Complete—Fence, Posts, Gate—Everything ready to put in place. Easy to put up and take down. Any size wanted. **SOLD ON A SIXTY DAY'S FREE TRIAL.** The prettiest and most durable yard you can buy. Send for Catalog and Low, Direct Factory Prices. **MASON POULTRY FENCE CO., Box 43 LEESBURG, O.**





FREE!

Save Big Money on Poultry Fence! Get my big new Book Free! 150 Styles. Also Gates and Steel Posts. Direct from factory, freight prepaid.

SEND ME YOUR NAME, NOW!

Brown Poultry Fence outlasts chicken netting 5 times, yet costs no more. Heavy **DOUBLE GALVANIZED** Wire close spaced. No top or bottom boards needed. Get Free Book and Sample to test.

THE BROWN FENCE & WIRE CO.
DEPT. 837 CLEVELAND, OHIO

Incubators
Incubator Stoves
Brooders
Fountains
Poultry Remedies
Dog Remedies
Thermometers
Leg Bands
Feed Hoppers

Feed Supplies and Parcel Post Boxes
FOR POULTRY, PETS AND GARDEN
Complete Stock Write for Catalogue

HERMAN STRAUS & SONS CO.,
LOUISVILLE, KENTUCKY

Wire Netting
Automatic Feeders
Egg Cartons
Poultry Cartons
Dressed Poultry
Cartons
Baby Chick Cartons
Vegetable Cartons
Garden Seed

"AUTOCRAT" BARRED PLYMOUTH ROCKS

My birds have won many first prizes in the strongest of competition. I am ready to fill your egg orders and guarantee satisfaction. Get my Mating List

C. W. STEPHENS

GAUSE, TEXAS

gus bed, follow it up next spring with good culture. By frequent weeding, keep down all obnoxious growths. And when you stop cutting about July 1, give another good stirring with the cultivator. This is the way to get the greatest possible yield with the highest possible quality.—Farmer and Stockman.

Half a Dozen Things You May Have Forgotten.

If you have not ordered your garden seeds, do it at once. Delay is dangerous. Also buy farm seeds needed and your fertilizers. All these things should be on hand before they are needed.

If the garden has not been plowed and manured, lose no time in getting both jobs done. It is late now, but better late than later.

Potatoes, peas and other early stock should be planted over most of our territory, and the hotbeds should be in working order.

Any repairing of fences or cleaning out of fence rows, bushes and stumps had better be looked after before the busy season comes.

The breeding season will soon be here. If good sires are not obtainable, no time should be lost in arranging for them.

A thorough cleaning out and disinfecting of the poultry houses before warm weather comes may save a whole lot of trouble later with mites and lice and disease.

And, for good measure, if you have forgotten this winter to fix needed walks about the house and to the other buildings, attend to it at once. There will be lots of mud before this and the first of May.—Southern Agriculturist.

Order Your Trees Now.

Those who postpone ordering young trees until the last moment may have cause to regret their delay. Unless one orders from a very large nursery—which is by no means always the best—the stock is necessarily limited, and the man who wishes to plant a certain variety will find that he must substitute a less desirable kind, or lose yet more time.—Ex.

Cedar Hill Poultry Farm's Branch Campine Plant.

In order to better breed and care for our Silver Campines, we have moved the entire stock, prize winners and all, to Bowling Green, Ky.

Mr. J. Pence, coming to us very highly recommended as a gentleman and as an experienced poultryman, will manage the plant. We feel that Mr. Pence is a most worthy addition to the plant and under his capable management we will be better prepared to serve our Campine customers than ever before, as he will devote his entire attention to breeding high class Silver Campines, while I will devote my entire time and careful attention to producing exhibition Single Comb Anconas.

Any order that you may see fit to favor us with will have our personal attention and will be treated with the utmost care. We appreciate your orders, large or small. Write us for new mating list just out—not published last fall before testing out the matings.

Cedar Hill Poultry Farm,
H. A. Scott, Proprietor.

Cumberland City, Tenn.

Aluminized Metal Egg Crates

For Parcel Post

No breaks, indestructible, requires no wrapping, no string, interchangeable address card. Its economy soon pays the cost. Price, 2-doz. size, 75c; 3-doz., 85c; 4-doz. \$1.00 delivered.



METAL EGG CRATE CO., 24 Evans Bldg.
Postal us for circular. Washington, D. C.



Called "The Best Light Car Ever Built"

See the new Briscoe. You'll be wonderfully impressed with its roominess, complete equipment, fine looks! It's the car for the country going—has the in-built stability that resists wear and tear, that saves money at every turn!

The Half Million Dollar Motor is larger—gives 40% more power with the wonderful economy for which it is famous. You get 25 to 30 miles on a gallon of gasoline!

You can take the whole family in our sizeable touring car, and if you are six feet tall you can stretch out full length in either front or back seats.

Write for Briscoe Book

Read "The Half Million Dollar Motor" by Benjamin Briscoe, in which he tells how this famous motor was built in France with the assistance of fourteen eminent European engineers. Fully describes the new Briscoe.

BRISCOE MOTOR CORPORATION

Department 33

Jackson, Mich.

SOUTHWESTERN NOTES AND COMMENTS

By MRS. J. F. VERMILLION, Rusk, Texas.

WELL, we are just holding our breath and wondering what will be the next move, our good and wise President and Congress will make in the controversy with Germany, and should war materialize, what effect it will have on business conditions. This writer has great faith in prosperity for the future and we are going right along hatching every chick we can and will try to raise more Reds than ever. I really believe that the poultryman who has the birds to supply the demand next fall will win out. The demand during the past fall for fancy poultry here in the Southwest far exceeded the supply. Our advertisement and the scribbling we have done in the Industrious Hen has brought us wonderful results. We receive letters continually referring to our ad, or some item of our Southwestern notes. Mr. C. W. Stephens, of Gause, Texas, a noted Barred Rock breeder,



First Pullet-bred cockerel, Texas State Fair, 1916. Bred and owned by C. W. Stephens, Gause, Tex.

writes to tell us that our report of the Houston show gave sweepstake cockerel to a Barred Rock breeder other than himself, when Mr. Stephens won first cockerel in that class. This was an error on the part of the printer and not on us, as our report read sweepstake cock, not cockerel, Barred Rock. Mr. Stephens made a great winning at Houston and also at the State Fair, Dallas, which was the official State Barred Rock show, and it took quality to win there, but he had several blues to his credit. Mr. Stephens has prepared a valuable article on mating Barred Rocks for my department this month, which I appreciate very much. He also wrote me that he was starting an ad in the February Industrious Hen. Let this good work continue until all breeders of our section have sent copies for an ad.

Fort Worth, Texas, will hold their annual poultry show March 12 to 17, in connection with the National Feeders and Breeders Fat Stock Show. A winning at Fort Worth is more than worth while for the hundreds and hundreds of people who attend the fat stock show are not only interested in poultry but they have the money to pay for what they want regardless of price. Mr. Burton, of Arlington, Texas, is superintendent and secretary of the poultry department.

When this letter is published, the hatching season will be at its height and I would like to add my little mite of advice to beginners in the hatching and rearing of baby chicks. First and most important requisite is that the parent stock must be strong and vigorous and properly fed and cared for. I am firmly convinced that the greatest loss of baby chicks is due to being chilled within the first thirty-six hours after hatching. A chick just hatched is a very delicate and helpless little creature and he should not for one moment be exposed to the slightest chill or placed in a temperature that is less than 100 degrees. I myself have been guilty many times before I realized their delicate nature of taking them from the mother hen or incubator into a basket without first thoroughly warming everything with which they would come in contact and then placing them in a room that seemed warm to me but in fact was not hot as it must be for a new hatched chick, and in about a week they would take

bowel trouble and stand around and die one at a time. I have found by experience that the oft-repeated warning not to feed chicks until after twenty-four hours old an altogether unnecessary warning for he has no desire to eat even if food is offered him. He only wants the hottest place he can find and is perfectly happy. I rarely ever lose a baby chick now and my one great hobby is to keep him hot for thirty-six hours and good and warm until five days old and then if artificial brooding is used, great care must be taken not to overheat—particularly at night—for by this time this little mite of a chicken has developed a great amount of fuel for heating in his own little body and requires very little artificial warmth.

The Orpington breeders of Texas are planning to organize a State club similar to the Rhode Island Red, Barred Rock and White Wyandotte clubs. Mr. W. W. Cox, of Abilene, Texas, wrote me, asking for information regarding the organization and fundamental principles of our Rhode Island Red Club, which he very kindly referred to as the most live poultry club in the State. We sent him a copy of our constitution and by-laws and gave him a few suggestions that we hope will be helpful and here's hoping that the Orpington club will be a great success.

KILL LICE NO HANDLING FOWLS. R. T. Barr, Box 42, Quincy, Ill., is mailing Free an illustrated circular showing how to kill lice in a few hours. If interested in poultry for profit, write today for This Big 12 page, Money-Saving Folder.

GLORY-ANNA S. C. WHITE LEGHORNS



Eggs for hatching from pen headed by 1st Chicago cock Dec., 1915, \$5.00 per setting. Can spare only a limited number of eggs from this pen. Other pens described in my free mating list.

GLORY-ANNA POULTRY YARDS

GEO. E. SCHULZ, Prop.

549 S. 4th St., Louisville, Ky.

GARY'S WHITE WYANDOTTES

MRS. SABE GARY,
Mayfield, Kentucky

My birds won the past year at Kentucky State Fair, Paducah, Mayfield, Fulton, in strong competition. My breeding pens are now mated and we can ship you eggs at reasonable prices and guarantee satisfaction. Also let me quote you price on stock. Have some nice birds left at reduced price for quick sale.

BRATTON'S S. C. RHODE ISLAND REDS

Made another great winning at the Big Armory Show, Louisville, January 8-13, 1917, in strong competition. My birds are also winners at Indianapolis, Terre Haute, Fort Wayne and other large shows. Let me quote you price on breeding and exhibition birds, also eggs for hatching from my splendid matings this season. My prices are reasonable and I guarantee satisfaction.

R. L. BRATTON, New Ross, Indiana

EGGS FOR HATCHING

From real dark Single Comb Rhode Island Reds, Barred Rocks, White and Brown Leghorns. First prize, best laying strains. For show, breeding and utility stock, write:

SINKING CREEK POULTRY FARM, ADAIRVILLE, KENTUCKY

HARMON'S S. C. WHITE LEGHORNS

We are prepared to furnish Leghorns as good as we ever produced at the same prices as last season. Taking time by the forelock, we placed our orders for feed early in the season in sufficient quantities to maintain the present flock and also the coming 1917 flock, which is yet unhatched. I publish no records that are not officially made—either egg laying or show records. Every bird on my farm having a record has been reared by me and not purchased elsewhere. There is a difference.

PRICES—Yard No. 1, containing my official over 200-egg hens, a limited number of eggs, \$5.00 per setting straight. Yards Nos. 2 and 3, special exhibition matings, \$5.00 per setting; three for \$10.00. Yards Nos. 4 and 5, \$3.00 per setting; three settings for \$8.00. Regular matings \$1.50 per setting; three for \$4.00; \$7.00 per hundred; 500 lots \$30.00; 1,000, \$50.00. We guarantee satisfaction and 90 per cent fertility. Stock a matter of correspondence. Order direct from this ad, or write me. You will have no regrets in the future if you purchase from us.

B. R. HARMON,

400½ South St.

Room No. 1, German American Bank,

Springfield, Missouri

Rose Comb Brown Leghorns and White Plymouth Rocks Winners at the World's Fair, Chicago and (6) Leading State Fairs.
 Eggs from our stock and your careful attention means your success. This is your opportunity to procure a start from a STRAIN that has given entire satisfaction to hundreds of customers throughout this and foreign countries. Our birds are bred for beauty and business. We guarantee you the winners. EGG SETTINGS PREPAID. Write for handsome mating list free. Address, **THOROUGHbred POULTRY YARDS**, CHERRY STREET, EVANSVILLE, IND.

"Rosedale" WHITE WYANDOTTES EGGS from CHAMPION WINNERS and LAYERS
 Send for Proof and Mating List—It's Free **ROSEDALE FARM**, Route 10 Paw Creek, N. C.

The Texas Rhode Island Red Club will hold its 1917 State show and business meeting at Bryan, Texas, the first week in December. Our live president, Dr. Richardson, who lives at Bryan, got busy and secured a special of \$50.00 from the Bryan Poultry Association and \$25.00 from private sources, this, with the \$25.00 offered by the Red club, makes a total of \$100.00 in specials to Red club members exhibiting. My, but we ought to have a Red show! Red breeders from any other State may join our Texas Rhode Island Red Club and share in the winnings of these specials by sending \$1.00 for membership card to the secretary treasurer, who is myself. I would like very much to receive any items of interest from any of the other State poultry clubs for my Southwestern notes. Being secretary treasurer of the Red club, naturally I am in touch with every move the club makes and write more of it, but I would be just as ready to write of other club affairs if I am given material for writing.

Battle Birds Among Best at Jacksonville Show.

Manager Williams writes that in a class of 149 Barred Rocks, they won second and fourth cockerels and third pen. In a class of 105 Reds, they won second cock and second cockerel; second and third Minorca cockerels were also Battle birds. Manager Williams in writing of their winnings, says:

"We feel mighty good over the record our birds made at this show inasmuch as we only carried practically a sales string of birds. Owing to the lateness of the show all our best exhibition birds were in the breeding yards and we did not care to molest them as it would have thrown us at least a month behind with the hatching of eggs for our own use and the filling of egg orders for our customers. Judges and parties capable of knowing pronounced this one of the best quality shows south of Madison Square Garden this season. Judge Marshall on entering the show room and walking up Barred Rock alley said, 'That's a poultry show within itself.' After judging he said the quality was something grand—the best he had seen in many a day. Judge Landson said the same of the Red class."

The above winnings together with the winnings made by the birds in the breeding yards of this farm at such shows as Macon, Valdosta (Georgia and Florida Fair), Birmingham, Atlanta and other shows, marks the stamp of quality on the flocks of birds owned by the big stock farms at Moultrie. If interested in any of their varieties look up their ad on back cover of the *Industrious Hen* and write to Manager Williams, mentioning the Hen.

Judge Chas. Nixon Visits Rosedale Farm.

While on his trip to Charlotte, N. C., Mr. Chas. Nixon, of Washington, N. J., one of the best White Wyandotte judges in the United States, visited Rosedale Farm, Route 10, Paw Creek, N. C. Mr. Nixon writes:

"On December 7th, 1916, I had the

Robertson's Poultry Farm MILLEDGEVILLE ROAD, MACON, GEORGIA
 Breeders of S. C. White Leghorns and White Plymouth Rocks. Get our new catalogue after January 1 for the asking, giving prices on our eggs for hatching and day-old chicks, from both exhibition and utility matings.

Raise Every Chick

Feed your chicks properly at the start and you will raise them. Millions of baby chicks die each season because they are not fed "baby food" especially suited to their needs. We guarantee that

Pratts Baby Chick Food

will safely carry your baby chicks through the critical first three weeks. It contains cereals, animal food and mineral matter to build flesh, feathers and bone. It completely nourishes the chicks—gives them a strong start—prevents chick troubles due to improper food and digestive disturbances.

Pratts Poultry Regulator

insures health and vitality to growing and grown birds. Induces rapid development and early maturity. Needed by baby chicks to maintain vigorous growth started by Pratts Baby Chick Food. This combination is a sure profit-producer.

Our dealer in your town has instructions to supply you with Pratts Preparations under our square-deal guarantee—"Your money back if YOU are not satisfied"—the guarantee that has stood for nearly fifty years.

274 Write for FREE copy of "Baby Chick Book"

PRATT FOOD COMPANY
 Philadelphia Chicago Los Angeles Toronto



pleasure of a visit to Rosedale Poultry Farm, H. C. & L. M. Hull, proprietors. Arriving as we did about the noon hour, the first thing in order was dinner, and if anyone could prepare a dinner that would please me more, I would like to partake of it. The hospitality of the Hulls is unsurpassed.

"Mr. and Mrs. Hull have what I call a model farm of nine acres, and the system laid out on this farm is one that is sure to bring success, the arrangement of houses, the manner in which they are kept, and the management in general is one that would be hard to improve on.

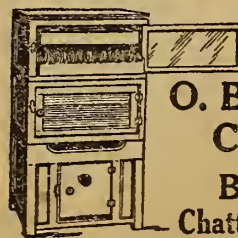
"The object of this farm from the very beginning has been to produce good White Wyandottes, and their fondest hopes are being realized. I handled some of Mr. Hull's birds at the big show, held at Charlotte, N. C., and the quality of this exhibit showed very careful breeding, and I predict that the matings that will be penned from this exhibit and the birds seen at the farm will auger well with this country's best matings."

Mr. Nixon judged the 1916 Charlotte show where Rosedale Farm won first hen, second cockerel, first and third pullet, second pen, and champion White Wyandotte of the show. Send for their mating list.

An Oat Sprouter That Soon Pays For Itself

Takes about one-quarter as long to grow as an old-fashioned box. Outer walls are of wood, lined with asbestos to make it safe from weather changes. Heat and moisture are kept uniform. I've used all sorts of sprouters, and I can truthfully say that mine grows faster and furnishes better sprouts than any I've tried.

You'll agree if you once see my wonder Oat Sprouter. Shipped complete. Directions in the Poultrymen's Text Book—free on request.



The **O. B. Andrews Company**
 Box IH,
 Chattanooga, Tenn.



Tell Me Your Poultry Troubles



Handy Thermometer Holder
Thermometer comes into view every time you open the door. Saves time and stooping.

Big Oil Drawer
Instantly removed but can be filled without moving. Holds enough to require refilling only once or twice. Oil tank is not braced by legs or to brace legs, hence no leakage.

This Book FREE



We Added More Conveniences

Not that they would make Old Trusty turn out bigger hatches, but to make big hatches easier. They are added value to Old Trusty. And this on top of the fact that Old Trusty already holds the world's record for biggest average hatches year in and year out, and gives you an unbeatable value at price quoted. Over 700,000 satisfied customers now use



\$9.60
Old Trusty "Special" with red-wood case, double walls, 10 oz. copper tank, thermometer holder. Freight paid east of Rockies.

Old Trusty Incubator

Write for our new annual catalog—learn how easy it is to make big profit hatches with Old Trusty even in coldest weather. "Have used Old Trusty with perfect satisfaction for ten years and it is as good as new," writes E. S. Medlock of Valley Falls, Kansas. "Have been using Old Trusty for 12 years and it still does fine work," Mrs. C. E. Roberts of Paola, Kans. Tell me your poultry troubles. Write today.
H. H. Johnson, "The Incubator Man," The M. M. Johnson Co., Clay Center, Neb.

Effective Method for Destroying Lice.

Entomologists of the United States Department of Agriculture have demonstrated that all species of lice which infest poultry may be quickly destroyed by the application of a very small quantity of sodium fluorid, according to the annual report of the Chief of the Bureau of Entomology just issued. Entire flocks of poultry were cleared of the parasites in this way and were found to remain free when ordinary precautions were taken against reinfestation by contact with infested fowls.

In connection with this work the entomologists of the department made the first complete studies of the chicken mite and determined that it depends exclusively upon the fowl for its food and will not develop in any stage on filth or similar substances. In tests of a large series of insecticides it was found that a few thorough applications of crude petroleum to the interior of poultry houses will completely destroy the mites.—Inland Poultry Journal.

Worthington's White Rocks.

Mr. Claire Worthington, of Evansville, Ind., a well known advertiser and booster of the Industrious Hen, has egg settings to offer at a reasonable price. His birds are of the Poorman 200-egg strain. Mr. Worthington, who has improved his trapnested White Rocks, has lately employed the services of a well known licensed poultry judge, Mr. E. G. Teaney, to assist him in mating up his select pens. Write Mr. Worthington for his prices on eggs, also his handsome 1917 mating list, which will be sent you free.

Egg Layers.

You read every day of the 200-egg hens and still better records. Yes, this is good, but listen. M. G. Sanger & Son, Mt. Solon, Virginia, R. A. sends us this record. In November, just about the close of the molt of some of their best hens, they had hens to lay as high as 23 eggs, this being when hens were completing molt. Same hens having a score of from 246 to 276 eggs each. They wish further to state that a cut showing this stock will appear in this paper in the April issue.

Their winnings at their last exhibit were 1st and 2nd hens; 1-2-3-4-5 pul-

EVANS' WHITE ROCKS

Winners where shown. Stock for sale. Eggs in season
Chas. H. Evans, Henderson, Ky.

White Plymouth Rocks Exclusively

Fishel Strain direct. Some very fine cockerels at \$1.50 and \$2.00 each. Eggs \$1.50 and \$2.00 per 15.
MRS. ROY SMITH, R. 1 Horse Cave, Ky.

BLACK MINORCAS

Pure Single Comb Black Minorca Eggs, 15 for \$2; 30 for \$3. Money back if not satisfactory.
J. J. MORLAN, Simpsonville, Ky.

Barred Plymouth Rocks

THOMPSON'S STRAIN
Splendid winnings at Chicago, Indianapolis, Louisville, Memphis, Tenn., Kentucky State Fair, Bedford, Mitchell and other good shows. Matings finer than ever. Booking eggs now. Prices reasonable. Write now.
A. C. BROWN, Holton, Ind.

lets; first pen, 2nd and 4th cockerels. See their ad in this issue.



R-E-D-S

Eggs for Sale from SINGLE COMB RHODE ISLAND REDS

\$3 per Setting

"The Kind that Lay in Winter"

H. L. DEAKINS,

315 N. Dodds Ave., Box A
Chattanooga, Tenn.

I Eat "Red" Eggs all Winter—
ABBOTT

Baby Chicks

For immediate delivery—and later

White Leghorns	White Rocks
Brown Leghorns	Barred Rocks
White Wyandottes	R. I. Reds

These "Virginia Chicks" are pure-bred and possess unusual utility value. From healthy, free-range flocks of selected breeders. Bred, hatched and shipped RIGHT. Big value at our prices.

Write at once for free catalog
HARRISONBURG HATCHERY, Inc.
Box B
Harrisonburg, Virginia

HEADLEY'S WINNERS, LAYERS AND PAYERS

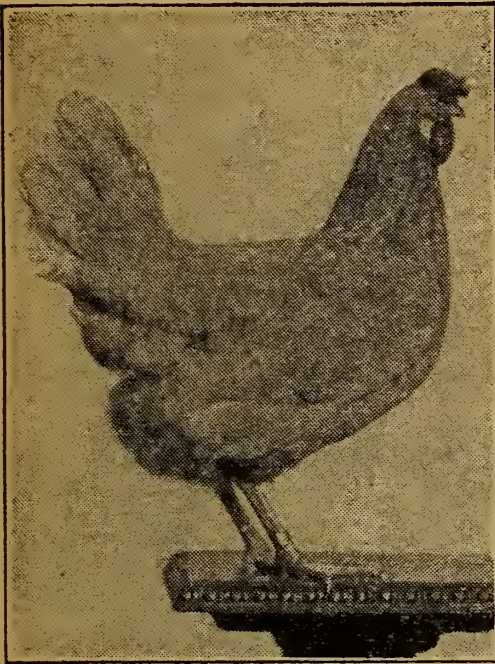
Winners at the Great Armory Show, Louisville, Ky., January 8-13, 1917, on four birds I entered in strong competition, first and second cockerel; second hen, and second pullet. I have some splendid well developed cockerels to sell at \$2.50 to \$10.00 and guarantee satisfaction or refund your money. Also eggs for hatching from our best matings. If you want some good S. C. Black Minorcas at reasonable prices, write at once.

PARKLAND POULTRY FARM, S. H. Headley, Prop., 1303 Olive St., Louisville, Ky.

Blue Leghorns—Their Characteristics and Virtues.

By O. F. Scherer, Olney, Ill.

THE Blue Leghorns originated in England a few years back and have during the past five years been imported to the United States. They are exhibited at all of the poultry shows in England about as extensively as any other variety, and they have a club show of great merit there. The Blue Leghorns have been shown at some of the larger shows in the United States, but in limited numbers. However, it will not be long



Typical Blue Leghorn hen from pens of O. F. Scherer, Olney, Ill., reproduced from unretouched photograph.

until they are exhibited in goodly numbers in this country, because there are already several importers and quite a number of breeders.

It will be noted that the Blue Orpingtons, which also originated in England, were quickly admitted to the American Standard, and it appears that the Blue Leghorns will be next. A club is now being formed for this variety, which will be very influential in securing their admission to the American Standard.

In egg type the Blue Leghorn is unsurpassed, as you will note from the illustration shown herewith, which is an unretouched photograph of a typical Blue hen, and for size their white egg is much larger than that of any of the other Leghorns. They are perfect egg machines and are about one pound heavier than any other variety of the breed. In plumage, the male should be a solid sky or pigeon blue on his breast and tail; hackle, back, wing bows and saddle shaded very dark blue. Female should be a solid sky blue except that hackle is shaded darker.

Breeders find that Blue Leghorns do not yet breed entirely true to color, there being an occasional white, black or speckled bird. This is no doubt due to the fact that the White Leg-



S. C. BROWN LEGHORNS

I have some splendid birds to offer you in cocks, hens, cockerels and pullets at reasonable prices. I guarantee satisfaction with every sale or a refund of your money. Can furnish you pens mated for best results, either old or young. Egg orders booked for later delivery. Circular free. Address

M. S. COPELAND,
Powell Station, R. F. D. No. 1 Tennessee

S. C. White and Brown Leghorns, S. C. Rhode Island Reds and Black Minorcas

My breeding pens are now mated and I can furnish you eggs or baby chicks at reasonable prices that will please you. Also some show and breeding stock for sale. SATISFACTION GUARANTEED OR MONEY REFUNDED.

J. R. SKAGGS, Magnolia, Kentucky

SINGLE COMB RHODE ISLAND REDS AND INDIAN RUNNER DUCKS

My birds are bred for exhibition and utility qualities. The kind that lay through the high price season. I entered one hen at the Kentucky State Fair and won 3d in the hottest of competition. I entered one pen at the Great Armory Show at Louisville and won 4th pen in the biggest class of Reds ever caged there. THEY WIN AND PAY. You can't do better. Eggs from Pens Nos. 1 and 2: \$3 per 15; from Pens Nos. 3 and 4: \$2 per 15. Duck eggs and eggs from range flock \$1 per 13.

W. A. RAMSEY, Buechel, Kentucky

EGGS! EGGS!! EGGS!!!

White and Barred Rocks, Golden Wyandottes, Buff Orpingtons, S. C. R. I. Reds, S. C. Brown and White Leghorns, Anconas and Silver Hamburgs. Write for prices, satisfaction guaranteed.

MOUNTAIN-VIEW POULTRY YARDS, Unionville, Virginia

S. C. WHITE LEGHORNS BUFF PLYMOUTH ROCKS

Eggs \$1.50 per setting, Chicks 15 cts. each. Eggs \$1.50 per setting, Chicks 20 cts. each.

For Sale Stock, Eggs and Day Old Chicks

PINEY HILL POULTRY YARDS, Jno. G. Fletcher, Prop., Member A. P. A. NORTH CHATTANOOGA, TENNESSEE

horns and Black Leghorns have entered largely into the make-up of the Blues. With careful breeding and good stock, this will soon be overcome, and it makes the good colored ones all the more valuable.

TOO LATE TO CLASSIFY

Rhode Island Red eggs, \$2.00 per 15. Mrs. C. H. Atkins, Ida, La. 3-1t

Ancona eggs for hatching, both Rose and Single Combs. Are exhibition quality and could not lay better. After June 1 will have young stock for sale. Write me for price on stock and eggs if wanted. Mrs. Jay E. Miller, 2804 Eighth street, Tuscaloosa, Ala. 3-2t

Owen's Farm and Farrar Reds; Dixie strain White Wyandottes; Crystal White Orpingtons. Eggs and young stock for sale. W. H. Harrison, Cottondale, Fla. 3-5t

Dark Cornish—Heavy-weight, prize winning Cornish. Stock and eggs now ready. Frank R. Willis, 737 E. Burnett, Louisville, Ky. Member American Cornish Club. 12-1t

Frost-proof Cabbage Plants. Grown in the open field, strong and hardy varieties. Early Jersey, Charleston Wakefield, Succession, Flat Dutch and Drumhead. Price: 500 for \$1.10; 1,000 for \$2.00, postpaid. By express, 1,000 to 4,000 for \$1.25; 5,000 to 10,000 for \$1.00; 15,000 to 20,000 for 90 cents per thousand. Full count and safe delivery guaranteed. Write for a descriptive price list. Piedmont Plant Company, Dept. 42, Albany, Ga., and Greenville, S. C. 1-1t

I Offer The Best For The Money In

S. C. White Leghorns and White Wyandottes. Eggs \$2.00 to \$5.00 per 15. Stock a matter of correspondence. We have what you need.

J. G. COILE & SON
Bowling Green, Florida

Queens Sweepstakes Champions S. C. WHITE LEGHORNS



Dec., 1916, to Jan., 1917, have won at five large shows including Augusta, Ga., Wilson, N. C., the Old Dominion Poultry Association, Norfolk, Va.

- 17 Blues out of a possible 22
- 12 Sweepstake Cups
- 3 Medals, including A. P. A. Medal

Have mated three yards for my own and customers use, and will sell only a limited number of eggs at \$7.50 a setting of 15 as they run, or \$10 from my first yard for 15 eggs.

For further information apply.
J. R. NINNISS
Myers Park Charlotte, N. C.

Catalogues and Mating Lists Received,

During the past thirty days we have received the following mating lists and catalogues from our advertisers. Any of them will be mailed by these breeders to any of our readers who will write them and mention the Industrious Hen. All of our readers who are going to buy stock and eggs during the next few weeks should write for mating lists of the varieties they are interested in.

- W. L. Doolittle, Fairmont, W. Va.—Single Comb Buff, White and Black Orpingtons.
- Carrington Jones, Buntyn, Tenn.—White Wyandottes.
- Rose Dale Poultry Farm, Paw Creek, N. C.—White Wyandottes.
- Glory Anna Poultry Yards, Louisville, Ky., Single Comb White Leghorns.
- Mrs. C. M. Vertrees, Cecilian, Ky.—Rhode Island Whites.
- Cedar Hill Poultry Farm, Cumberland City, Tenn.—Silver Campines and Anconas.
- Jno. S. Martin, Port Dover, Ontario, Canada—White Wyandottes.
- O. F. Mittendorff, Lincoln, Ill.—Barred Rocks.
- C. W. Stephens, Gause, Texas—Barred Rocks.
- Harrisonburg Hatchery, Inc., Harrisonburg, Pa.—Rocks, Reds, Wyandottes, Leghorns, etc.
- Mrs. J. F. Vermillion, Rusk, Texas—Single Comb Rhode Island Reds.
- N. V. Fogg, Mt. Sterling, Ky.—White Leghorns.
- Geo. B. Ferris, Grand Rapids, Mich.—White Leghorns.
- Chas. Koons, Charleston, Ind.—Barred Rocks.

WEDDING INVITATIONS AND SOCIAL STATIONERY

PRINTED OR ENGRAVED
Highest Class Work Let us save you Money
Send Us Copy for Estimate
HAMMER PRINTING CO.,
Incorporated
127 S. Third St. Louisville, Ky.

ESTABLISHED 1912

Don't Feed Green Food!
Do away with the bother by using
Succulenta Tablets

They are better, cheaper and more relished by all fowl. Simply dissolve one tablet in one quart drinking water for fowl. A full egg basket assured.
Can of 100 large tablets by mail, \$0.50
" " 250 " " " " 1.00
" " 500 " " " " 1.75
" " 1000 " " " " 3.00
YOUR MONEY BACK IF NOT SATISFIED.
Write for particulars, giving your dealer's name, to the
SUCCULENTA CO., P. O. Box 405-25 Newark, N. J.

ASK YOUR DEALER FOR **MORISRITE** DUSTER POWDER SPRAY LIQUID **KILLS HEN-LICE & VERMIN ON POULTRY AND STOCK**
GUARANTEED EFFECTIVE OR MONEY BACK FROM DEALER.
MORISRITE MFG CO BLOOMFIELD, N.J., U.S.A.

SOUTHLAND STRAIN
S. C. Brown Leghorns

No Finer Stock to be Had

Eggs \$2 per Setting

All from stock yielding over 200 eggs per year

I. B. MERRIAM, Jr.,

Chattanooga, Tenn.

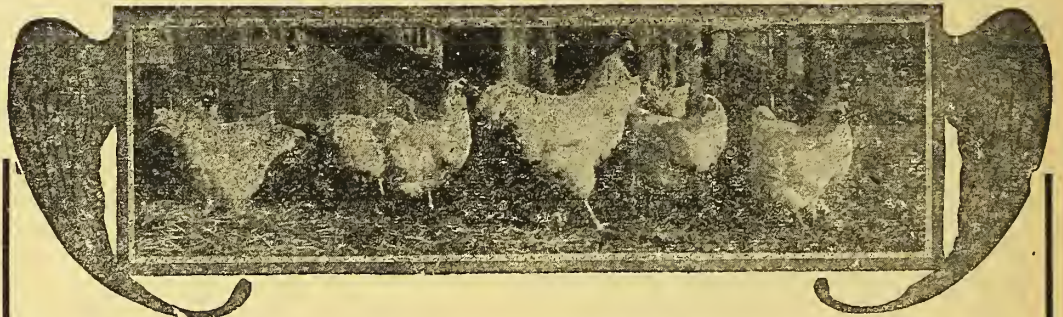
No Stock for Sale

ENGLISH 200-EGG STRAIN S. C. WHITE LEGHORNS **CHAMPION WINTER LAYERS**
One flock, 450 of our pullets, made the wonderful 60 per cent egg yield for November and December, 1916. Isn't this proof enough that we have the greatest fall and winter layers? **BABY CHICKS \$14 per 100. HATCHING EGGS \$8 per 100.** Ninety-five per cent fertility of eggs and arrival of chicks in perfect condition guaranteed. Satisfaction guaranteed or your money refunded. Mail your order now and insure prompt future delivery.
VALLEY VIEW POULTRY FARM,
FRANK SEAGLE, Prop. Box 60 Morristown, Tennessee

SINGLE COMB BLACK MINORCAS
Winners of 10 of a possible 13 First Prizes in three shows. Select settings \$3.00. Utility settings \$1.50
W. S. EHRICH, 429 Ravenwood, Evansville, Indiana

SINGLE COMB WHITE LEGHORNS
A. J. Lawson—Sixteen years a breeder. Best Egg Strain, and they always win the Blue. Eggs 15 or 1,000. 100 fine breeding cockerels and cocks.
WHITE HILL POULTRY FARM, Cleveland, Tennessee

SUPERIOR SANITARY LAUNDERING **THE ORIGINAL Parcel Post Laundry**
WRITE FOR INFORMATION
THE ORIGINAL PARCEL POST LAUNDRY
LOUISVILLE, KY.
THE POSTAGE WE PAY ANYWHERE IN THE U.S.A.
MAIN OFFICE: 628 W. JEFFERSON ST., LOUISVILLE, KY.
Original and up-to-date, of progressiveness we boast, Since we first employed your Uncle Sam with his Parcel Post; Our Sanitary work will bring a smile--make happiness complete, It's Guaranteed. We Return it Prompt, packed secure and neat. Bundles fifty cents or over, the Postage Both Ways we pay, Write for Information (or better still), Send a Trial Bundle Today; Charge Accounts are opened to parties with reference, Tried once, this Laundry will always be your preference.



During the past year hundreds of our friends have taken advantage of our splendid and liberal offers and have secured purebred poultry and eggs absolutely free by spending a few hours of their spare time among their friends and neighbors taking subscriptions to the Industrious Hen.

The work is not hard as they find it easy to get their friends to subscribe for the Industrious Hen, and they will consider it a favor, as they want to read a good Southern Poultry Paper. Read what these people have done. You can get the same free start and build up a paying and profitable business. Don't delay, but start now.

Tracys Landing, Md., Nov. 24, 1916.
Industrious Hen, Louisville, Ky.
My trio of Barred Rocks arrived yesterday from Mr. Chas. Koons, Charlestown, Ind. They are in perfect condition and are certainly beautiful birds. Kindly accept my thanks.
Mrs. Thos. Jno. Hall.

Thomasville, N. C., Nov. 8, 1916.
Industrious Hen, Louisville, Ky.
The Barred Rock cockerel arrived today in O. K. condition. A much nicer bird than I expected to get. Thanking you for securing him, I am
Yours truly,
G. Virgil Bodenheimer.

FREE EGGS!

FREE BIRDS!

We will give you a pair, trio, pen or eggs for hatching, absolutely free. The stock to be selected by us from any breeder's yards who advertises in the columns of the Industrious Hen. You have choice of any variety. We want you to get your neighbors to subscribe for the Industrious Hen. Show them a copy of the paper and they will gladly subscribe and will thank you for suggesting it to them.

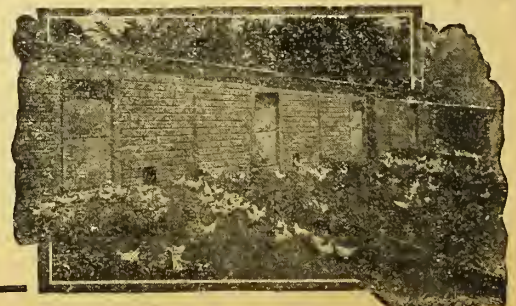
OFFER: Eight yearly subscriptions, one setting of eggs (15). Twelve yearly subscriptions, one male and female (pair). Twenty yearly subscriptions, one male and two females (trio). Thirty yearly subscriptions, one male and four females (pen).

Write us for sample copies and particulars **RIGHT NOW** and be the first in your neighborhood to get some **PUREBRED BIRDS.**

The work is easy and you can get into a paying and profitable business and grow year after year.

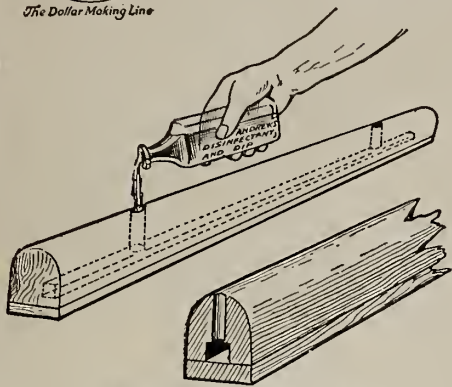
The Industrious Hen

609 REPUBLIC BLDG., LOUISVILLE, KY



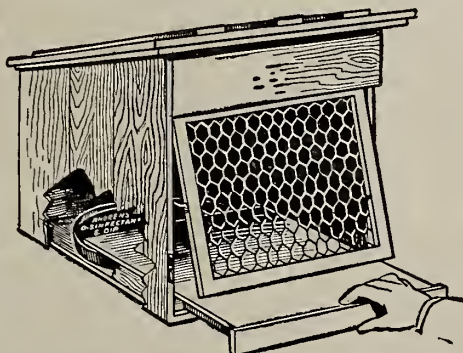


A Complete Victory Over the Greatest Enemies to Poultrymen



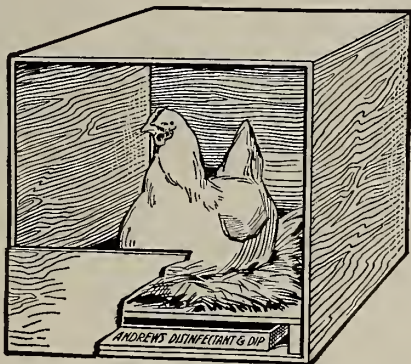
Andrews' Irrigated Roosts

Why continually whitewash and apply kerosene to your roosts? It doesn't kill the lice for all time. My roost costs less, gives less trouble and is guaranteed to do away with mites and lice.



Andrews' Sanitary Brood Koop

Removable false bottom, beneath which, if a pan of Andrews' Disinfectant is placed, absolute freedom from lice and mites is secured. Removable top. Designed for one hen and brood.



Andrews' Mite Proof Nest

False bottom for Andrews' Disinfectant. Hen can set with no danger from mites or lice. No labor, trouble or worry. Shipped knocked down. Guaranteed.

Lice and mites! Tens of thousands of chickens are killed by them every year! Every poultryman wants to get rid of these pests—but how?

Here's how: I solved the problem on my own Premier Farm. I invented *irrigated apparatus* that doesn't cost a cent more than common appliances and every piece is *absolutely mite and lice proof!*

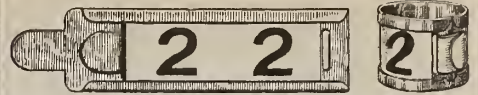
Don't fall for the powders and bunk sold by some dealers. Science has proved that *only a volatile substance can be a continued cure for lice.* That fact gave me my idea. I made certain nests and roosts with a false bottom, in which was placed a pan of Andrews' Disinfectant and Dip—a *volatile remedy.* All mites and lice were killed in a day. I don't have to do a lick more of work.

My success was so complete that I decided to sell the idea. I have a number of roosts, nests and brood koops, *absolutely lice and mite proof,* for sale at a *cost cheaper than you could make them yourself.* My roosts cost you less per foot than the price you'd pay for rough lumber.

Get all the mites and lice off your place in this easy, economical way. Write me for the "Poultryman's Text Book"—FREE. The greatest book on poultry appliances in the world.

O. B. ANDREWS COMPANY
Dept. IH, Chattanooga, Tenn.

"The World's Largest Poultry Specialty Manufacturers." All of our articles for sale by dealers throughout the world. If your dealer hasn't them, buy of us direct.



(Pat. Sept. 1, 1914.)

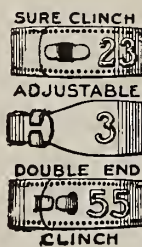
You Need This Band for Your Birds Just as Much as You Need Feed for them. You need them either to tell their age, or to keep your records right if you are trapnesting. The Bourne big-number bands are recommended for this as you do not have to catch the bird in order to read the number. Black numbers from 1 to 800 on white background. Numbers from 1 to 300 on red, yellow, cerise, green, pink, blue backgrounds. Sizes for Mediterraneans, Americans and Asiatics, also pigeons. Send for free sample and catalogue. We can furnish bands with the year "1915" and "1916" on them in order to tell the age of the bird. Send for sample and price list now.
BOURNE MANUFACTURING CO.,
253 Howard Street, Melrose, Mass.

S. C. Brown Leghorns

Winners at Georgia State Fair

1st, 2nd, 3rd, 4th and 5th Hen. Eggs for sale, \$2 per 15.

T. W. HIGGISON, MACON, GEORGIA



POULTRY BANDS

12 Varieties. Aluminum, with raised figures, price, 12, 15c, 25, 25c; 50, 35c; 100, 60c; 1,000, 4.25. Celluloid Bands in 8 different colors, with aluminum back, large black figures, price, 12, 30c; 25, 50c; 50, 90c; 100, 1.50. Send for FREE catalogue.

The National Poultry Band Co.,
Newport, Ky.

CRAGUN'S BUFF PLYMOUTH ROCKS AND GOLDEN BUFF ORPINGTONS

Winners. Cockerels and pullets for sale. Eggs for hatching. Won 13 ribbons State Fair, 1916.

JOHN A. CRAGUN, Kingman, Kansas



Eggs and Baby Chicks from heavy layers.

Satisfaction guaranteed
Mating list free
N. V. FOGG
Box 4250
Mt. Sterling, Ky.

High class S. C. RED COCKS and WHITE PLYMOUTH ROCK cockerels, \$3 each, Tompkins and Fishel's strains. Satisfaction guaranteed.

ROBERT E. FRESHWATER,
Haw River, R. F. D. No. 1 North Carolina



Ferris White Leghorns

Great layers. Pullets, hens, breeding males; eggs for hatching; day old chicks from hens laying 200 to 264 eggs. Prices low, quality guaranteed. Free catalog and price list explains all. Write for it.

GEO. B. FERRIS, 922 Union, Grand Rapids, Mich.

ENGLISH S. C. WHITE LEGHORNS

Nothing but the best and bred to lay. Let us furnish you with stock, eggs and baby chicks. We guarantee satisfaction or refund your money. Eggs for hatching, \$1.50 per 15. Baby chicks 15c each in 100 lots; any amount under 100, 17c each. Write us. We can please you. Address,
LINCOLN POULTRY FARM, Clarence Rogers, Proprietor, HODGENVILLE, KY.

Vermillion's S. C. Rhode Island Reds

Are sustaining their reputation of Championship Winners in the big shows. At Memphis, Tenn., 1916, we won: 1st, 5th cock; 1st, 2d, 5th cockerel; 1st, 2d hen; 1st, 3d pullet; Grand Champion cockerel of entire show; handsome silver cup for best display of REDS and a number of other specials. At Texas State Fair, Dallas, 1916, which was State A. P. A. and State Red Show, we won the big end of all singles, pens and specials. Our customers are winning all over the country on birds they hatched and raised from our eggs. Our pens are now mated for the 1917 season. WRITE FOR CIRCULAR.

MRS. J. F. VERMILLION,
RUSK, TEXAS

Photos for Illustrations

We make photographs of chickens, dogs, and all other animals.

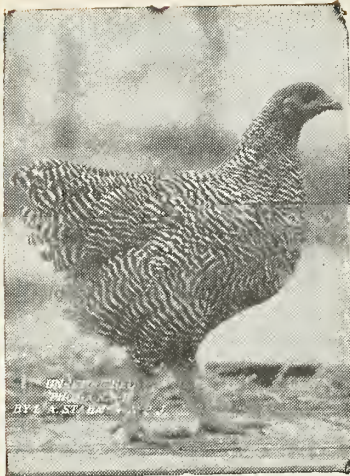
BRANSON'S STUDIO

711½ South Gay Street KNOXVILLE, TENN



NO LICE

WITH LAMBERT'S
Old Reliable, Kill-Em-Quick lice Exterminator, "Death to Lice" Sold everywhere. Everybody knows Lambert's. Saves young Chicks, makes hens happy—Sample 10c, 100 oz. \$1. Book free. Get it.
The Klein-Lambert Co., Traders Bldg., Chicago



You don't have to wait a month when you order your hatching eggs from the

Joe. J. Battle Stock Farms

The home of **Birds of Quality Bred for Beauty and Utility.**

Barred Rocks—S. C. Reds—S. C. Black Minorcas

Twenty-one breeding pens shelling out eggs that will hatch you chicks with the **Quality, Vigor and Vitality** bred in them.



\$2.00 to \$10.00 per setting, \$10.00 to \$50.00 per hundred. Some classy Rock cockerels (cockerel bred) at \$3.00 and up. Write us your wants. Address

HARLEY L. WILLIAMS

Box H

Manager Poultry Department

Moultrie, Ga.

ANDERSON'S MINORCAS win "THREE BLUES" at MADISON SQUARE

In a strong class of Single Comb Black Minorcas at Madison Square Garden, New York, they won first cock, first, second, third, fourth and fifth hens, first and fourth pullets, third and fourth cockerels, second and fourth pens. Special for best display. Eggs in season.

R. H. ANDERSON,

Lynchburg, Virginia

Lake Forest Strain S. C. RHODE ISLAND REDS

My birds have won at the best shows all over the South. My breeding pens are now mated and I am ready to ship you eggs which will hatch you winners and layers for 1917. Read the two following letters. This is the way we please our customers.

Etowah, Tenn., Jan. 29, 1917.

W. H. Farrar, Chattanooga, Tenn.

Dear Mr. Farrar—I received chickens all O. K., and am sure proud of them, as both hens are laying fine and everybody thought they were mighty fine. Mr. Farrar will you please let me have two more hens and that will make me a pen. I am willing to pay you a good price for them, as I know what I am getting. I hate to mix these with any other breed, so please let me hear from you soon. I hope this won't be any trouble to you. I remain,

Yours respectfully,

L. L. HALL, Box 653.

Webster, Ky., Jan. 29, 1917.

W. H. Farrar, Chattanooga, Tenn.

Dear Sir—Those R. I. Red cockerels are fine. I am very much pleased. I never saw as deep cherry red with as clean under color; usually where they are that deep red surface the under color is slate. I have them penned with 24 of the best pullets and hens I have. I am sure expecting some very fine birds from this mating.

Very truly,
ALICE

Farrar's Reds will start you right. Eggs only \$3.00 per setting. We have some cockerels to sell at reasonable prices.

W. H. Farrar

LAKE FOREST REDS

Chattanooga, Tennessee



SPIRALETS: Colored Leg Bands. Millions in Use. Blue, red, yellow, green, pink, amber, purple, black, white. 25, 25c; 50, 45c; 100, 70c; 250, \$1.50. Please state breed when ordering.

M. BAYERDORFFER, Box 59 Huguenot Park, N. Y.

EGGS

Prize Winning Strain Barred Rocks

At \$1.00, \$1.50, \$2.00 and \$3.00 for 15. Stock and fertility guaranteed. Write me your wants.

J. H. HERRON,

Nebo, Kentucky

PLACE YOUR EGG ORDERS NOW WITH LOMBARDY HEIGHTS POULTRY FARM

Breeders, Exhibitors and Importers of Prize Winners of the Highest Type of

S. C. White Leghorns, S. C. Buff Leghorns, Blue Andalusians, White Plymouth Rocks, Buff Plymouth Rocks, Partridge Plymouth Rocks, Columbian Plymouth Rocks, Silver Penciled Plymouth Rocks, Barred Plymouth Rocks, Black Orpingtons, Blue Orpingtons, Silver Spangled Hamburgs, Dark Cornish, Lakenvelders, Light Brahmas, Wild Mallard Ducks, White Muscovy Ducks.

Our breeding pens are now mated and we can ship eggs out promptly. Our matings were never better and we guarantee a satisfactory hatch or will duplicate them at one-half price. Be sure to get your order in now for any of the above varieties. We also have some young and old stock to sell at reasonable prices. We will give you value received for every dollar spent with us. Write for large free catalogue describing our matings and giving prices. Address,

LOMBARDY HEIGHTS POULTRY FARM

JNO. O. REID, PROP.,

STANFORD, KENTUCKY