

OCTOBER, 1909

THE INDUSTRIOUS HEN

ONE YEAR 50c—THREE YEARS \$1

AN ILLUSTRATED MONTHLY
FOR
POULTRY, LIVE STOCK AND THE FARM



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COMPANY**
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Sec. of Agriculture
WASHINGTON, D. C.

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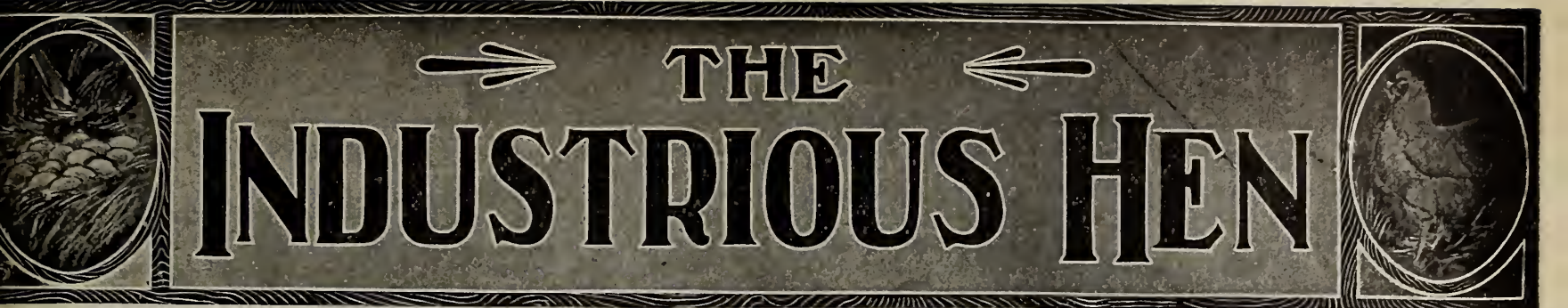
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Care Colonial Hotel, Knoxville, Tenn.



THE INDUSTRIOUS HEN

An Illustrated Monthly for Poultry, Live Stock and the Farm

Vol. 6

Knoxville, Tenn., October, 1909

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A RAILROAD POULTRY EXPERIMENT STATION

WRITTEN FOR THE INDUSTRIOUS HEN BY THE PRESS AGENT OF THE PENNSYLVANIA RAILROAD

IN furtherance of its policy of encouraging agricultural interests along its lines, the Pennsylvania Railroad has just purchased a farm of 50 acres at Bacon, Delaware, on the Delaware Railroad. It is proposed to operate an experimental station for the benefit of the farmers of the Maryland, Delaware, and Virginia Peninsula, and with a view of exploiting the advantages of that section throughout the country.

In the fall of 1908, James McCrea, President of the Pennsylvania Railroad, made a trip of three days over the railroad lines of the Delaware-Maryland-Virginia Peninsula. He saw thousands of acres in this section—one of the richest agricultural districts in the world—idle, with the adjoining farms flourishing, and the products of the latter in great demand in all of the large markets of the Middle and Eastern States.

Having knowledge of the success attained by the Long Island Railroad with its two experimental farms, which have now been in operation for some years, Mr. McCrea suggested that a committee look into the matter of establishing an experimental farm on the Delaware-Maryland-Virginia Peninsula; a practical demonstration farm, where the railroad could show the agricultural possibilities of the land on the Peninsula. The committee's report was favorable and the railroad has just closed a deal whereby it comes into ownership of 50 acres at Bacon.

According to the last census, there are 3,916,800 acres of land on the Peninsula, of which 2,058,299 acres are under cultivation. There are 28,355 farms on the Peninsula, and it has a total population of some 500,000. To secure additional farmers to cultivate the 1,858,501 acres of idle land is one of the reasons for which the Pennsylvania Railroad is to undertake the operation of an experimental farm. The cooperation of the farmers of the Peninsula is already assured, and the State Agricultural Colleges, Agricultural Boards, and Horticultural Societies are enthusiastic supporters of the project.

Points on the Delaware-Maryland-Virginia Peninsula 100 miles south of Wilmington are, in point of transportation facilities, as close to the markets of Baltimore, Philadelphia, Wilmington, and New York as the Long Island farms are to New York City. Thus it will be seen that it is possible for the farmers to put their products in the large markets in excellent condition. Deliveries are also made in one day in Central Maryland and Pennsylvania. It is a diversified market enjoyed by farmers of Maryland and Delaware; it includes practically all of the country east of the Mississippi River—made possible by a preference freight train service that has created such a wide demand for fruits and vegetables grown on the Delaware-Maryland-Virginia Peninsula. This demand is greater than can now be met and the railroad is taking steps to aid in increasing the number of farmers to supply it.

To develop its experiment station, the Railroad has appointed as Superintendent, H. S. Lippincott, a graduate of the Agricultural College at Cornell University. He has done practical farming at his home in Burlington county,

New Jersey, and in North Carolina, two of the country's greatest trucking sections.

Superintendent Lippincott has for years taken an interest in experimental work, and he purposes to visit the granges and farmers institutes on the Peninsula, in order that he may become personally acquainted with the farmers from Wilmington to Cape Charles. He will be prepared to make addresses, visit fairs, and make exhibits of some of the products raised on the farm, and by this means demonstrate the vital interest the Railroad is taking in the Peninsula.

It is intended that the Delaware Railroad Experiment Farm shall make demonstrations in growing fruits, and improving the varieties now under cultivation on the Peninsula. Glass houses will be built in order that the experiments may be made in growing plants under glass. Grasses of various kinds will be planted, including alfalfa, timothy, and other nutritious hay. The farm is "worked out," but it was obtained for that very reason, in order that it may be demonstrated how the fertility of the soil can be restored, and that it can be done profitably.

When the Long Island Railroad established a demonstration farm many scoffed at the idea, and termed those in the enterprise "book farmers." They said it was impossible to grow anything on the waste land chosen for the experiment, that it was good for nothing but "pine barrens," and "salt ponds." The scoffing changed to admiration when in two years the Long Island people had succeeded in growing successfully 80 different varieties of plants, including cauliflower, corn, radishes, peas, asparagus, tomatoes, cabbage, carrots, beans, cantaloupes, water melons, alfalfa, potatoes and many other vegetables and fruits.

The first Long Island Railroad farm was established as an experiment. Today two farms are in operation, and they are considered permanent institutions. These farms pay for the transportation of their material just as other farms do. They are there to show what can be done under normal conditions, and a similar policy is to be inaugurated by those in charge of the experiment station on the Delaware Peninsula.

The Pennsylvania Railroad and its subsidiary lines have for several years been exerting every effort to encourage the agricultural interests along its lines. On farms special instruction trains and steamboats operated by the railroad, lectures have been delivered before thousands of farmers by experts from the agricultural colleges of the different states through which the lines of the Pennsylvania System run.

In addition, the railroad has for more than a year, carried on a campaign to acquaint the buyers and growers of different markets with those of the territory tributary to its lines. Booklets have been issued and the traffic representatives of the company have been instrumental in greatly increasing the demand for produce grown along the Pennsylvania Railroad.

Added interest in scientific farming is one result of the Pennsylvania's agricultural campaign. A wider market for the crops grown on its lines is another, more people living along its lines, greater prosperity among the farmers, and for the railroad itself—an increased freight and passenger traffic.

PREPARING FOR THE SHOW ROOM

WRITTEN FOR THE INDUSTRIOUS HEN BY JUDGE J. C. CLIP, SALTILLO, IND.

I AM aware it is contrary to human nature to make preparations for future events, even three months in advance; however, the breeder that expects to make a "killing" at the shows, should lose no time in preparing his birds for exhibition. It is an easy matter to postpone this task, but it is not so easy to win first honors. As a rule the procrastinating exhibitor will always lose out and nine times out of ten will blame the judge or some of the show officials for his fate. The breeder that declines the preparing of his birds until the very last minute will enter the show room greatly handicapped by reason of having his birds out of condition. Very frequently a bird is out of the winnings just because of lack of preparation. It's no uncommon thing to find a bird without a lack of real quality other than gilt-edged conditioning for the event. I am confident the noted Orpington breeder, William Blackhurst, of Pacific Coast fame, has many winnings to his credit that he would have lost had he not had his birds in first-class condition for the shows he made. I heard it spoken of him frequently that "Blackhurst is the best conditioner the world affords." I am aware he has top-notch Orpingtons, but the condition he puts on them and the quality he possesses, coupled together in the show room, makes it hard for his competitors to get a place in his company. The conditioning is quite a feature in a high-class exhibition. The expert horseman thoroughly grooms and trains his horse for the speed ring. The same is likewise true of the expert poultry exhibitor. I know from experience that it is hard for a judge to get the proper shape of a bird that will crouch up in one corner of the coop, absolutely declining to pose for his ideal shape. Again, a breeder that will send his birds to the show room all nailed up in a board coop, rendering it next to an impossibility for the judge to get to them, should not be allowed to compete for a prize.

Just recently the writer was passing on a class of Leghorns at a well-regulated show and finding one of the coops nailed up, rendering it impossible to gain an entrance without the aid of a hammer and chisel, I passed them down. Through the sympathy of the superintendent for the exhib-

itor, he procured some tools and made an entrance into the coop. To our surprise we found birds superior to anything in the class. It was only by a game of chance, in a measure, that this party received any attention whatever. So I say, it's the proper preparation for the event that adds laurels to our list of winnings. It's very common to find birds half scared to death on approaching the coops, while birds of the same variety in the same class, will pose and stand up in the most dignified manner, as if to attract particular attention from the judge. This of course is due to intelligent training and careful preparation for the show room.

It will take but a little of your time to practice with your show birds each day prior to the show to get them to display the most striking appearance. Fowls just caught up off the range and taken to the show seldom ever appear in the best show condition, while I have seen birds win highest honors without the least bit of attention before the show. Of course there are exceptions to all rules. However, the breeder that makes a practice of doing things in the best possible manner and at the proper time will in a majority of instances win the leading prizes. The breeder that is thoroughly on to his profession will now be preparing his choicest birds for the December and January shows. It is not necessary to force the birds now, but little by little, add to their fine feather and form, so that by the time the birds are due to make their appearance at the show they will display a striking appearance far above your procrastinating competitor. Remember pounds can be added very quickly, but it requires time and attention to grow fancy plumage and typical form of the breed it represents. It is as necessary to train birds for the show as it is to feed and have them in the best possible flesh. Place your birds in the show coops and groom them every day. Grooming puts the brilliant finish to their feathers, and confining to the exhibition coops soon gets them accustomed to their small quarters, avoiding a crash by suddenly placing them in close confinement during the exhibition. Ordinarily it will be time well spent to give your birds at least two months training, or three, if possible, prior to the show.

SOME MISTAKES IN POULTRY RAISING

WRITTEN FOR THE INDUSTRIOUS HEN BY W. J. SPILLMAN, WASHINGTON, D. C.

[At the recent discussion by the government experts at Morristown, the following remarks on farm poultry by Prof. W. J. Spillman of the U. S. Department of Agriculture, are well worthy a careful consideration.]

Perhaps the commonest mistake farmers make in handling chickens is in keeping old hens when they ought to keep pullets. Very few hens lay enough eggs after their first year to pay for their keep. The farmer ought to sell off his hens in their second summer and replace them with early hatched pullets. Mr. Bayne, editor of THE INDUSTRIOUS HEN tells me of an experiment he made which illustrates this point. He compared a flock of 60 pullets with two flocks of mixed hens of all ages, one of 215 and the other of 175 hens. The pullets were properly fed, while the hens "scratched" for a living. Counting the cost of feed for the pullets as twice that of the hens, the pullets produced eggs at a cost of 12½ cents a dozen, while the corresponding figures for the two flocks were 34c and 36c. Many other similar illustrations might be given. There is no question that it pays to replace hens with pullets. Never keep a hen two years unless she is an unusually good one, whose eggs you want for hatching purposes.

Another mistake most farmers make is to keep the males with the females all the time. Of course it is necessary to do this when fertile eggs are wanted, but it is a mistake to produce fertile eggs for table use. The presence of the males add nothing to the number of eggs produced, and it does cause eggs to spoil more easily in hot weather. A fertile egg will begin to develop if the weather is warm enough. Cut out the males except when eggs are wanted for hatching.

It has always been a cause for wonder that a farmer should sell eggs that are not strictly fresh. There is little excuse for so doing. Buyers ought to discriminate between fresh and stale eggs. In the city markets, really fresh eggs sell for several cents per dozen more than other eggs. It is easy to make a reputation on strictly fresh eggs, and every farmer who sells eggs ought to market them strictly fresh.

It goes without saying that hens must be properly fed if they are to do good work. He who keeps only a few hens ought to study the question of feeding. It will pay large dividends on the time required to learn how to feed hens.

There is really no excuse for keeping scrub stock. I am told that in this community well bred cockerels can be had for \$1.00 each. This is a remarkably low price. A good young male, one that is from an egg laying strain, is worth much more than this. Not only will his pullets lay more eggs, but the broilers will grow faster than scrubs. Mr. Bayne tells me of 100 chickens 4 months old which he separated into three classes and weight, the grades weighed ¼ to ½ pound more, and the pure breeds weighed ¾ to 1¼ pounds more than the scrubs. It is so easy to get good stock by securing each year a few good young males that there is no excuse whatever for keeping scrubs.

In closing I wish to call attention to Farmer's Bulletin No. 355, issued recently by the U. S. Department of Agriculture. It gives a detailed account of the methods used on one of the best poultry farms in America. This bulletin was not written for chicken fanciers, but for plain everyday farmers. It costs nothing but a postal card to get it. Every farmer who keeps hens should send for it.

NECESSITY FOR JOINING THE A. P. A.

Every thoughtful poultry breeder must recognize the importance and influence of the American Poultry Association in everything that pertains to the promotion and up-building of thorough bred poultry culture. Since its organization in 1873, the A. P. A. has steadily grown until its name is now recognized everywhere as a synonym for all that is best in this great and growing industry. No individual breeder or exhibiting organization can afford not to become a member. An individual life membership may be obtained on payment of a fee of \$10.00, and any organization holding yearly poultry exhibitions may become an associate member on payment of a like amount.

We want to see every poultry association in the South an associate member of the A. P. A., and to this end we urge the secretary of each association in this territory, not now holding a membership, to write to L. B. Audigier at Knoxville, for full and complete information. Mr. Audigier is Secretary-Treasurer of the South-Central Branch and will take great pleasure in answering all inquiries.

As illustrating some of the advantages to associations who are or may become associate members, we quote below from the resolutions adopted by the Executive Board of the A. P. A.:

1. That this Board authorize its Committee on Medals and Diplomas to obtain prices on a grand prize gold medal, which medal shall contain not to exceed twenty dollars' worth of gold; also on a sufficient number of silver medals of appropriate size and design to enable this Board to offer annually a grand prize for the best cockerel in a group to be composed of the American, Asiatic, Mediterranean and English breeds, a silver medal as a special prize for the best cockerel in each variety of the above described group, and a diploma as a special prize for the best male bird less than one year old in all varieties of such breeds of standard fowl as are not named herein; provided that these American Poultry Association grand and special prizes shall be offered only at poultry shows held in branch territory by associations that are associate members of the American Poultry Association; that but one grand prize and set of specials may be offered in a single branch territory during one year; that such prizes shall not be offered two years in succession, at the same show, where branch territory consists of one state or province and where branch territory consists of two or more states or provinces, said prizes shall be offered first in one state or province and then in a different state or province until they have been offered consecutively in every state or province comprised in such branch territory; that in order to obtain the grand prizes and specials herein provided for, the branch organization desiring same must have twenty-five members, and the membership of said branch must have been increased during the preceding twelve months not less than ten members; that said grand prizes and specials shall be offered only at such shows as invite the American Poultry Association to be represented officially and provide poultry convention programmes, as per Section 33, of Article VI, of the Constitution of the American Poultry Association.

2. That we offer annually one grand prize silver medal to all local associations who are members of the American Poultry Association for the best cockerel in the American, Asiatic, Mediterranean and English classes, also diplomas for the best male under one year old in all standard varieties.

TROUBLES OF THE CHICKEN BUSINESS

Written for The Industrious Hen:

Now that the hatching season for this year is over and we look over our flock of youngsters, how many of us see our mistakes in mating and say to ourselves: "If we had only left such a female out of that pen, or if we had not used that male bird, or if we had mated a different way, we would have had better results." Have you said anything like that? I have, and we do it every year about this time; but we go at it again next year and use birds that should not be used on account of their defects in color and shape. And that is why we have so many off-colored specimens and so few good ones; but we should blame ourselves and nobody else, when we do it over and over year after year.

Many breeders in this locality (Ohio) have had poor success with their late hatched chicks, owing to wet weather and chilly nights. Those that were fortunate enough to use hens to hatch their late chicks were all right, but my, oh, my! the incubated ones, how they did suffer with the cold

and die. On a damp, cold day the old hen could hover her flock. While the sun shone in the morning the brooder lamp was not lighted, but perhaps by noon the atmosphere had fallen several degrees, consequently the chicks got chilled before the fire could be gotten in the hover and the poor chicks got good and cold. Such are the troubles of late hatched chicks, especially with a machine, whereas with early ones you know that they have got to have heat all the time and you provide accordingly. They seem to thrive better at all times, and you find very few stunted or runty ones among those hatched in February and March. The small ones are usually found in the April, May and June hatched chicks.

Try and have your hens molt early so as to commence to lay in November and December, and push your early pullets to lay in October, because eggs are going to be scarce and prices high this winter—the highest yet—and the fancier is depended upon to furnish the market fresh eggs, as the farmer is not up enough in the game and sells all his early hatched pullets for early friers, when how nice they would come in this winter for eggs, and how many times over they would pay for themselves, especially at the price he sold them for as fryers? With eggs at 50 and 60 cents a dozen it does not take long for a good layer to make her owner one dollar profit—and that is when chickens pay.—W. C. MCKEMY, Hamilton, O.

FOOD FOR LAYING HENS

The hen in best laying condition has surplus fat. This means that her bodily wants have been supplied and there is some food to spare. She has surplus energy. A very fat hen seldom lays well. A poor hen cannot lay well. The first part of the egg to be formed is the yolk, which contains 30 per cent of albumen and 64 per cent of fat. Food is first used to maintain the body. New growth and production generally comes from the surplus after the bodily wants have been satisfied. Therefore new eggs will not develop until there is surplus fat to form the yolk.

A very fat hen does not lay because her condition has become one of debility, and because her tissues are weak and flabby. Fowls are naturally grain eaters. A large part of their food therefore should be the cereals. Note the wide variation in the composition of the various grains, each one of which has its own peculiar flavor and value. Corn is an excellent grain. It is perhaps the grain most relished by fowls. Therein lies the danger. Fowls eat it so greedily that it being a fattening food they are likely to become overfed when it is fed too freely. When properly cooked, through fed every day, no evil results will follow. Wheat is perhaps the best grain for poultry, and its by-products are among the safest and most satisfactory of foods. Heavy oats are perhaps next in value, light oats are a delusion. Peas are the richest, and one of the best of poultry foods. Barley is excellent.

These are the observations of an Australian poultryman and they will apply to our country also.—*Coleman's Rural World.*

FARM VALUE OF EGGS

A late report by the United States Department of Agriculture, the farm value of eggs for the several States was as follows:

Maine 26 cents per dozen; New Hampshire, 28; Vermont, 25; Massachusetts, 32; Rhode Island, 31; Connecticut, 28; New York, 25; New Jersey, 29; Pennsylvania, 24; Delaware, 23; Maryland, 21; Virginia, 18; West Virginia, 19; North Carolina, 16; South Carolina, 16; Georgia, 17; Florida, 20; Ohio, 21; Indiana, 20; Illinois, 19; Michigan, 21; Wisconsin, 19; Minnesota, 19; Iowa, 18; Missouri, 16; North Dakota, 17; South Dakota, 17; Nebraska, 16; Kansas, 16; Kentucky, 16; Tennessee, 15; Alabama, 14; Mississippi, 16; Louisiana, 18; Texas, 14; Oklahoma, 15; Arkansas, 15; Montana 30; Wyoming, 26; Colorado, 23; New Mexico, 26; Arizona, 28; Utah, 20; Nevada, 37; Idaho, 26; Washington, 28; Oregon 26; California, 26. The average for the entire United States was 19.2 cents per dozen.

CLEANLINESS VS. VENTILATION

According to the Farmers Home Journal, if poultrymen would worry less about ventilation and give more attention to cleanliness there would be fewer losses. Ventilation is all right, and is not condemned, but houses built on the scratching shed order should supply all the ventilation that is needed. And no amount of ventilation will make up for lack of attention to cleanliness in the hen house.

AN ENGLISH VIEW OF THE DEGRAFF FARM

BY W. BROWN IN THE ILLUSTRATED POULTRY RECORD, AUGUST, 1909

TO give the poultry fraternity of England an opportunity of realizing the inside workings of one of the leading standard breed poultry-farms of the United States, I have here set forth my personal experience of one day spent on the DeGraff Poultry Farm, Amsterdam, N. Y., among the famous De Graff Vitality Rhode Island Reds, as bred by Edward T. De Graff, an acknowledged authority on all subjects pertaining to Reds. There are several extremely interesting points about this farm and its owner and manager that are worthy of special mention, the latter being in some ways the leaders in their line for the whole poultry fraternity.

Mr. De Graff issues an annual catalogue, which not only gives a full account of his farm and his stock of eggs for sale, but contains a great amount of practical information to all poultry raisers. It is profusely illustrated with some of the finest pictures possible to obtain, besides large pictures of both breeds of Reds in true colors by three different processes. No poultry raiser can afford to be without it. Judge De Graff was highly complimented last year by being selected to take charge of the "School for Judges" at Spring-

Money could not buy this male, as Mr. De Graff is establishing a strain from him that will be invaluable. Nearly \$1,000 worth of eggs for hatching have been sold from his pen at \$1 each, and he is still in perfect health.

Although the Reds are a comparatively new breed in England, this day's experience converted me into an enthusiastic Red fancier. Mr. De Graff can show dozen of males with that rich dark red surface harmonizing in all sections, that is considered so hard to get right; and the pullets match the breast of the male, and have one even shade all over, with black tail and markings in the wings. He prefers the dark red birds to the buffs, and visitors all tell him he has the finest colored flock of Reds they have ever seen anywhere. Many breeders have lost sight of type in breeding for color, but he places type and vitality first, and the true oblong type, which is one of the strongest characteristics of this breed, is plainly noticeable in all his breeders, while the young stock show exceptionally long bodies with strong yellow legs, making chicks that will grow up if given half a chance. The chicks become the



The De Graff Poultry Farm, Amsterdam, N. Y.

field, Ill., held under the management of the National Single Comb Rhode Island Red Club. Much good has resulted from the school that will be of vital importance to the breed in after years. De Graff's flock is acknowledged to be one of the finest flocks of Reds in the world. The fowls on this farm, and the branch farm under his personal management will give him the selection of 5,000 high grade Reds for this autumn's business, which considering the unprecedented popularity of this breed, will put him in a position to fill any and all orders that may come from his systematic advertising. De Graff's style of advertising, like everything he does, is original, and attracts attention on its merits.

Knowing all these facts, I was more than pleased when I stepped off the electric cars at the private station, close to the farm, and found the proprietor at home, and everything looking most prosperous and attractive. This farm is very favorably located on the north side of the beautiful Mohawk Valley on a gradual slope to the south, well covered with all kinds of fruit trees. My personal inspection discovered fifty-five individual breeding pens of Reds, all housed separately and securely yarded, and there were none that I could class particularly as utility stock, since all seemed to be high grade, and would not look out of place in any exhibition. Mr. De Graff introduced me to many of his famous winners at the leading shows of America. I soon began to think I knew a good Red when I saw one, and a most beautiful breed they are when bred of the right color. I was much interested in his famous cock, "Amsterdam." He had, I heard, proved to be a wonderful breeder and his picture, which is familiar to every fancier of Reds, is considered by Mr. De Graff to be nearer the accepted ideal than the standard drawings themselves, while his color is a wonderful brilliant shade of rich, dark red.

greatest of foragers as they mature, are very early layers, and the males are very vigorous at all seasons of the year. Although Mr. De Graff has tried all the leading makes of incubators, he hatches all his own chicks by hens. He raises them under the most favorable conditions possible. There is running water in all houses and chick fields, and protection from sun and wind is afforded by large flower-beds of cannas, sunflowers, and castor-oil beans, which not only make valuable shelter in summer and fall, but also beautify the grounds.

This breed when properly fed makes plump broilers at six weeks, and at eight weeks they often weigh 2 pounds, while at all ages they make very attractive fowls when dressed in the market, and command the highest prices. The strongest point in favor of the breed is their undisputed winter-laying qualities; as every breeder acknowledges, they cannot be beaten in cold weather, as they are very liberally supplied with feathers which make them impervious to exposure.

Mr. De Graff has experimented in many novel ideas in poultry house construction, as he expects soon to build an entirely new plant on his farm. This will occupy a six hundred apple tree orchard and the south slope in front of it, making one of the most ideal locations possible to secure. I saw many ingenious labor-saving ideas in operation that I have never seen elsewhere. I have not space to describe them, but I advise every reader to send for Mr. De Graff's catalogue, which gives particulars of all his inventions and his up-to-date poultry house construction plans. He enjoys exhibiting his birds, and the walls of his office are covered with ribbons won at leading shows of the country, while at the recent New York State Fair he won every first, second, third, fourth, and fifth prize offered on S. C.

Reds. He will show 100 birds this year at the same place. He is planning an exhibit of 100 Reds at the Crystal Palace Show at London, and will come over himself if he makes satisfactory arrangements for carrying on his business during his absence.

Although it was late for hatching, I saw by Mr. De Graff's express book that he had shipped over 50 orders in the last two days, and they were packing all the day I was there. These orders ranged from a setting at \$1 per egg to a duplicate order of 500 to one man at 15 cents an egg. They go to all parts of the country, carefully protected by pneumatic cushions under boxes and packed in cotton inside. I saw orders from the Argentine Republic, France, and Germany for stock, and reports from England and Scotland, where eggs had been shipped with good results. One shipment to Alaska of 30 eggs, out of which 24 chicks hatched and 23 lived, was a most convincing demonstration of the vitality of this breed.

HOW TO FATTEN

When fattening your chickens it is a good plan to begin by allowing them no food for a day and night, after which commence to feed gradually increasing amounts for four or five days until you are feeding all they will eat without wastage. Feed three times a day for two or three weeks; then two feeds a day will probably enable your chickens to keep on piling up the fat. Feed all they will eat, but don't have feed lying around that is apparently not wanted, for you are feeding too much at a time when this is the case. Of course plenty of pure water should be convenient for the fowls to get at all times, and an abundance of grit should be supplied.

SOME EARLY LAYING

Written for The Industrious Hen:

I notice in your July number under the column "Wise Words by Uncle Ben," a reference to Golden Leghorn pullets laying early, and the assertion seems to be doubted. I am an amateur, this being my first year in the business—and I raise Plymouth Rocks. One of my pullets commenced laying at four months, laid fifteen eggs, and I am having more trouble trying to break her from sitting than if she were an old hen. I raised about five hundred chickens this spring, many of my cockerels weighing one and a half pounds at eight weeks. My pullets at five months old weigh four and four and a half pounds. I enjoy your paper very much.—MRS. CLAUDE ANDERSON, 205 Pasadena Place, Memphis, Tenn.

USE FOR BROKEN DISHES

During the first seven years I kept house it was a question what to do with the broken things, as I all the time feared I might put them where something would suffer from my thoughtlessness. The first three years I lived on a farm where there was plenty of gravel to furnish grit for the fowls, they were fat and healthy, and we got plenty of eggs, with but little exertion on my part.

I then moved to this farm, where there is no gravel, and in spite of all my efforts my fowls were poor, frequently dying, though there was no cause for it that I could see. Their gizzards were found to be soft and void of fat. We got scarcely any eggs. I was sure it was for the want of grit and frequently crushed brick and scattered in their run.

The idea came to me last fall to crush my broken dishes and all such articles for the fowls. Knowing wheat to be excellent food for them, I mixed the grit with wheat bran, and fed the hens every evening; it was but a few days till they were laying and all looked thrifty.

I soon had eggs with which to replace the broken things and buy many more. The gizzards are now firm and covered with fat, and there is no more worry over barefoot children and stock getting hurt on broken lamp chimneys, bottles, etc. Readers who are interested in poultry and have barefoot children and stock should try this plan and they will be charmed with the result.—*Exchange.*

POULTRY FOR HOME USE

The poultryman could have all the luxuries of the rich, says *Coleman's Rural World*, if he would figure out the expenses of purchasing meats for his table when he has a number of fowls that could be used to advantage at home

rather than shipped to market. There are very few poultrymen who have not some fowls that are not marketable without extra care and expense, and these may be used on the family table. If not near a good market, especially, he should aim to use a great deal of the fowls raised on the farm. It is never out of season to hatch fowls for home use. The best birds for the table are, of course, those that have the most breast meat.

The breeds that have the finest carcasses are not always the best layers, but as a rule, unless the poultryman is a fancier, he will have a good solid bird ready for the table instead of one which excels in beauty of plumage and shape. The small breeds are considered the best layers, but while that may have been true a number of years ago, the best layers have to hustle in order to outlay the larger breeds. The Langshans, Barred Plymouth Rocks (which are larger than heretofore), the Cochins and many other breeds which are fine table birds are also good layers.

Raise a number of fowls and if they are not bringing a very good price in market, use them at home and save the expense of purchasing something else. Every farmer should enjoy all the luxuries of his farm, and if he does not he is making a mistake, for there is not a farm, however perfectly managed, that does not produce something which, while it is not marketable, is just as good for the home table as the articles which present a beautiful appearance are for the epicures.

BUFF ORPINGTONS

Written for The Industrious Hen:

As a breeder of Buff Orpingtons, I suppose I am like a good many other breeders, a little prejudiced. I think my fowls are the finest and most useful of any. Let that be as it may, I am trying to breed some fine specimens and there is plenty of work attached to poultry raising, and every detail, even the minor details must be looked after. I think that where a great many fail is in neglecting the apparent unnecessary points. The man who expects to use his hammock a great deal, had better not enter the poultry business. At least I can find no time to spare in mine, although we can arrange conveniences to save some work. Now is the time we should begin to prepare for winter by cleaning up the poultry houses in general, spraying with hot water (pouring is better) with a few drops of carbolic acid added, using also plenty of lime. Destroy all old nests and straw about the house, thereby getting rid of myriads of lice and mites. Look after the unnecessary draughts and you can go through the winter without much danger of diseases.—J. L. CHURCH, Doeville, Tenn.

SILVER LACED WYANDOTTES

Written for The Industrious Hen:

I have been breeding poultry for ten years. Have tried about ten or twelve breeds, and all breeds have some good points and can be made profitable. After trial and experience I have settled down on Silver Laced Wyandottes as one of the best all purpose fowls to be had. All the different kinds of this breed are equally good, only a matter of taste as to color. This is a good all year laying breed that is hard to excel. I have been breeding for five years to a longer shape in body than the Standard and for the laying qualities which follow this shape. I have had success, and have developed almost a non-setting strain. I have three hens which were three years old last April, and neither has proposed to set an hour in her life. I can select eight or ten hens from my yards that I will pit against a like number of any breed in existence for laying. This breed stands in the front rank for the farmer and non-professional, for all round purposes, as it is easily bred up to size and color. The new breeds are all right for the fancier who has plenty of time and means to devote to them, but the farmer must depend upon an established breed, such as the Wyandottes, to bring returns for him. I have never taken much stock in raising exhibition birds, for in buying stock of high scoring birds from parties who exhibit yearly and win the blue, I have often gotten my poorest layers, quality in laying having been sacrificed for plumage.—D. W. LOWMAN, Connelly Springs, N. C.

Remember that for egg production, best results are not to be had by feeding corn alone. Oats or wheat should be supplied daily.

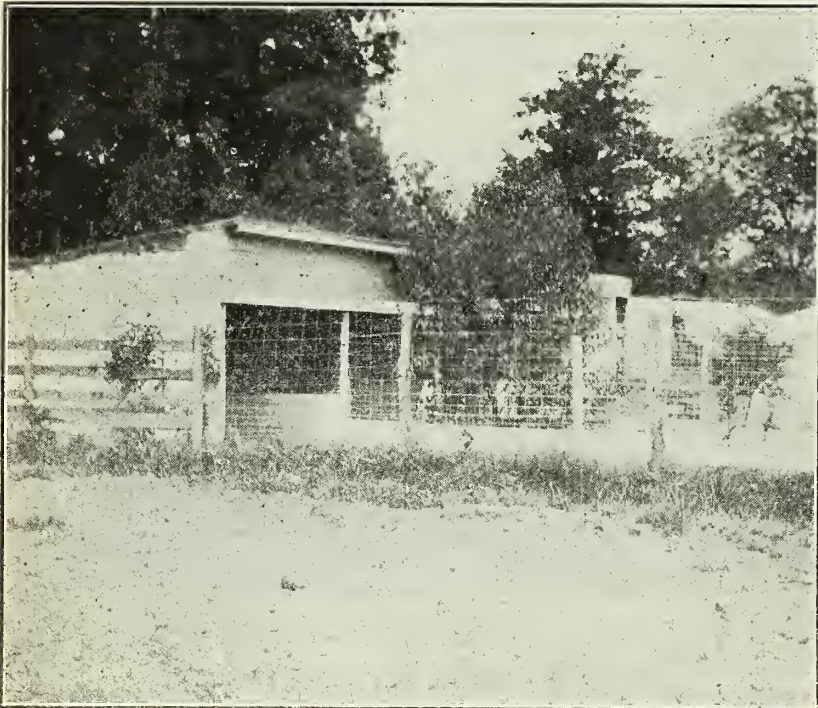
DOES PURE BRED POULTRY PAY?

WRITTEN FOR THE INDUSTRIOUS HEN BY L. C. MARSH, WASHINGTON, MISS.

THE EXCUSES some people give for not raising pure bred poultry are many and are quite interesting. Some say "I only raise chickens for my own use, the common kind does just as well." There is no bigger mistake. Pure bred chickens of the American breeds require no more care, are no harder to hatch, and grow off so much faster than the common kind that this fact alone should convince anyone that pure birds are best. And the pure bred birds are beautiful in shape and color, besides the extra weight and choicest meat, should prompt all to raise the pure bred birds even for their own table.

Another excuse we hear: "Oh! I only keep chickens for eggs to sell and the common kinds are the best layers." Now, nothing could be farther from correct than such a statement. If I were raising chickens to supply eggs for market I would not hesitate to raise one of the Leghorns. For eggs alone they are the bird, but for general purposes nothing equals the Barred Plymouth Rocks.

Others exclaim: "Oh! There is no money in chickens anyway!" Well perhaps not, *to that class*, but to the Amer-



Poultry Houses and Yards, L. C. Marsh, Washington, Miss.

ican people there is about fifty millions more a year than there is in "King Cotton." And why? Because the thrifty poultrymen of the United States are constantly improving their stock and increasing their profits.

Some will tell you: "You can get just as much for common eggs as you can for fine ones." Perhaps so at the country store, but how about the many settings you could sell to your neighbors at \$1.00 to \$1.50 per 15. Breed pure birds and you will be surprised at the number of settings you will sell right around home without spending a cent for advertising. When I started with pure Barred Plymouth Rocks five years ago, it was for my own pleasure, and the sales to my neighbors is what prompted me to still further improve my strain and advertise in *THE INDUSTRIOUS HEN*. So you see that pure birds open the way to a profitable business.

Some will tell you: "I would raise pure birds if I were only fixed up for it." Now, the pure birds are as healthy and vigorous as the common ones, so the present "hen house" if cleaned out and white-washed will do alright for pure birds and will pay well. I have had people tell me "if I was only fixed up like you, I would raise pure chickens too," when really they were better located for chicken raising than I was. The trouble is that *people believe that to raise pure birds they must have expensive houses*. I think this idea came from reading Northern poultry journals. Down South expensive houses are not required, in fact the birds do not do so well in them as they do in the cheap affairs we use. Why, during summer an open shed with a few poles

for roosts would do for a "hen-house" and the fowls would be healthy and happy. Of course, during winter three sides of the shed would have to be walled up, but that would be a very inexpensive item.

Then this one: "Pure chickens require too much attention." Yes, they do require fresh water, clean houses and a reasonable amount of feed, but they pay a mighty good profit on the time and money required. The lazy man should learn that the poultry business is a good one to stay out of, for it requires work, brains and money to carry on any business, and this is especially true when it comes to poultry.

Farmers tell us: "I would like to raise thoroughbred poultry but it would require too much money to start right." While one can't expect to start with poultry with one setting and make a success, it is equally true that one can start large and make a failure. To start on a large scale without a clear understanding of the business is folly and means failure from the start. But one can start small, keep going, read good poultry journals, study his breed (by reading the Standard), cull closely, and in a few years have a stock and an understanding that will produce business. If I had common stock and wanted to change to pure breeds, I would buy eggs for hatching and I'd set every old hen that wanted to set. If during the season fifty wanted to set I would buy fifty settings. Then when my young stock grew to maturity I would have a "grand clearance sale" of common fowls. One year would give you a fine start in pure bred poultry. A few will say: "I tried pure bred poultry last year but it didn't pay. Why, I ordered a setting from _____ who charged me a high price (generally about \$1.00 per 15) and I only raised three chickens. No, it didn't pay." Now if you question this part closely you will find that he hatched out 12 to 15 chicks from that setting, but from pure carelessness he only raised three. Yes, this is the class that say that pure poultry don't pay and there are others but—what's the use

GREEN FOOD FOR WINTER USE

As a rule, we grow enough cabbage to supply our chickens with sufficient "greens" through the winter months; but in case this crop is a failure, we like to have "something just as good" to take its place. Besides, the other fowls need something green, and we have noticed that they do not seem to care much for cabbage. However, there is nothing that is quite so convenient, especially when hens are kept in limited quarters.

The best way to feed cabbage is to strip off the outer leaves and hang up the heads against the wall. The stalks, of course, are left intact when the cabbage are gathered; likewise the leaves. When properly buried they will keep fresher than when placed in the cellar.

The best green food for both geese and ducks in winter is green rye. It may be kept green and fresh by being cut when in frozen condition and stored in a cool, dark place, where it will remain for some time without spoiling.

Young rye is better for all kinds of poultry than dry clover. Without being steamed or scalded, cut clover or alfalfa is hard for the fowls to digest and even when scalded it is not as easily digested as green rye. Of course, it is not necessary to store the rye as described above. It is better to let the fowls "harvest" it themselves when the ground is not covered with snow.

The rye should be sown rather early, so it will get a good start before the hard freezing sets in. The soil should be very rich and finely pulverized. Sow the rye broadcast or drill both ways, so that it will nearly cover the ground. Keep the fowls off it until it gets a start.

It sometimes happens that a substitute for green food must be found, in which case raw vegetables, such as potatoes, turnips, rutabagas, etc., answer very well. Apples are always relished. Even pumpkins are not refused. Cut the pumpkins in halves, remove the seeds and the hens will do the rest.

Speaking of pumpkins, when properly cooked they make a very good basin for a mash. Don't let any pumpkins go to waste this fall.—ANNA GALLIHER, in *Successful Poultry Journal*.

SENSIBLE FOOD RATIONS FOR POULTRY

WRITTEN FOR THE INDUSTRIOUS HEN BY J. A. THORNHILL, NEW DECATUR, ALA.

We often see the assertion that it is foolishness for a person to bother his head about the analysis of the food fed to poultry. This I admit to a certain extent, but I do think it time and money well spent to know something about foods—what they are being fed for, and how much we should expect of them. It is a fact, and we all know it, that certain foods, if fed alone will not produce eggs. It is the same as regards meat production. Then how must we remedy the difficulty? By knowing what to feed, how, and when to feed, and to do this, we must be somewhat familiar with the general analysis of the foods being fed.

We find that the analysis of an egg is about as follows: protein, 11.5; ash, 12.3, and fat 8.9. We also find that the entire analysis of a hen's body that is moderately fat is as follows: protein, 21.6; ash, 3.8, and fat 17.2. Now to properly feed our poultry it is well to acquaint ourselves a little as to the analysis of our general grain and other foods. We have often heard it said, don't feed too much corn, as it is too fattening, etc. This is true, but let's find the corn analysis and compare it to that of the hen's body and the egg she is expected to lay. Corn contains: protein, 7.1; ash, 1.5, and fat, 3.9. Does this prove to us that corn isn't a grain to rely on for eggs and a food to retain the hen's general body? We admit that the carbonaceous matter in corn is about 63.4, hence should be avoided for this reason during hot weather, for hens; but for growing chicks nothing will surpass it for general tissue-building. We have had the question asked: "Is there any difference in the food

value of white and yellow corn?" The analyses are the same, but after experimenting with the two several different times at different seasons of the year, with chicks and old fowls, the writer has concluded that yellow corn has the advantage. One thing in its favor is, it contains more digestible sugar than does white corn. Again we find it transmits a richer color to the egg as well as that of the meat.

Wheat, oats and corn make the best grain food, while wheat bran, corn meal, wheat middlings, linseed meal, oat meal, alfalfa meal, buckwheat meal and clover hay meal make up our mash food; and meat scraps, dried blood, milk, green bones and slugs of raw meat, make up our animal foods for poultry. If we are feeding for eggs, our aim should be "a variety," and to get this, we only have to mix these grains and their by products as named above. To get the animal food, we need not use but one, that is, if it is fresh and of good quality.

My plan is, 200 pounds of wheat, 150 pounds of oats and 100 pounds of cracked corn for grain food. Sunflower seed and kaffir corn are fed occasionally. For mash I use 100 pounds of bran, 50 pounds of corn meal, 50 pounds of middlings, 50 pounds of oat meal, 50 pounds of alfalfa meal, 20 pounds of cotton seed meal; and for animal food anything that is fresh and good.

The above are my foods and methods. I am successful, too.

POULTRY POINTERS

Sell your discarded hens as soon as they quit laying. The price is generally as good then as at Thanksgiving or Christmas and the cost of feed is saved.

Some poultrymen pick the feathers from their hens at the beginning of the moulting season and feed lightly. As soon as the feathers grow again the hens begin to lay and continue all fall and winter.

Why not have a poultry show in connection with poultry lectures in the winter short course at our state agricultural colleges? The two features would be mutually helpful.

Turpentine is good for gapes. Mix a teaspoonful of it with a quart of wheat and then administer a tablespoonful of the grain to each fowl.

The protein in animal food has been found much better for egg production than the protein in vegetable food.

The one great mistake of the farmer is mixing his breeds. The different breeds have different natures and purposes, which require different feed and treatment and these clash when brought together in the same fowl.—T.C.K.

FIGURES ABOUT EGGS

Every year but one (1900) since records have been kept, the hens of this country have distanced the gold mines in the value of their output and the hen will be climbing into billions when the gold mines give out.

Iowa is the banner state for eggs. About one million dozen eggs are laid every year within her borders. In 1905 Kansas and Missouri realized from their egg crops nearly fifty million dollars.

Our last census showed more than 233,598,005 hens of laying age in this country. They laid enough eggs every year to give 203 to every man, woman and child in the United States.

In later years the increase has been very wonderful. One authority states that this country last year produced one and a quarter billion dozens of eggs!

More than one and a half billion eggs reached New York City from interior states in 1906, besides other millions from nearby territory. For one thousand miles the freight on eggs to New York City is only one cent each.—T.C.K.

THE DESPISED HEN

In old days the hen was little thought of on our finest Southern plantations. Poultry was kept by sufferance or relegated to some poor white family or crippled slave. It was not thought quite the thing to sell eggs and fowls to cus-

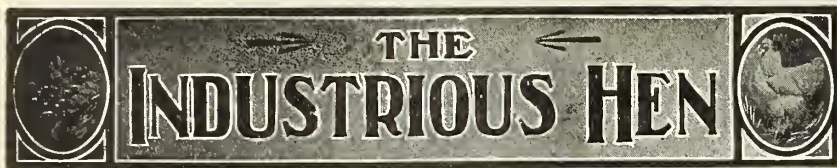
tomers in the city. But things have changed and the once despised hen has come into her own heritage of favor. She is no longer a scratching nuisance on the farm, but a great money-getter. The eggs and poultry now shipped out of Tennessee mount up into the millions of dollars every year. This is especially true of the Appalachian region where the country is thickly populated and cut into small farms. In some sections the eggs bring more than the wheat. Poultry is also becoming a striking feature of the old plantation. The hen now stands in as high favor as she was once depreciated. Beautiful flocks of pure bred fowls are now the planter's greatest pride, and every fall and winter they find their way to the various poultry shows and carry off the medals too. Verily the despised hen is coming into her own true heritage.—T.C.K.

POULTRY FOR BOYS AND GIRLS

Boys and girls on the farm should be taught practical business from earliest years up. In no line can these business habits be better acquired than in the production and marketing of poultry. Give the small boy one or two hens to look after and as his years and skill advance increase his flock or rather allow him to do so from his own raising. The sister may be allowed a similar privilege, or she may work in partnership with her brother. Each may find certain features of the work more congenial and thus divide on that line. If they show aptitude they may in time be allowed to take in charge the whole poultry plant of the farm with the agreement that the family table shall be supplied free of charge with so many eggs and so many fowls per week, during the season, and the rest to be marketed for personal profits and as pay for work and management. Of course any modification of this plan that seems advisable under the circumstances may be adopted. The great point is to teach the young folks thrift and business habits and at the same time secure efficient care of the farm poultry.—T.C.K.

NEW BLOOD

The mistaken ideas about introducing new blood into a flock of poultry are something truly wonderful. The popular notion is that one must every year get a new rooster no matter of what breed, to keep the stock from "running out," when this is the very thing to make it run out. Proper mating and selection for vigor in the same line and breed is what builds up a strain. It gives fewer conflicts of hereditary traits; fewer introductions of undesirable tendencies, and a greater percentage of good ones.—T.C.K.



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THE INDUSTRIOUS HEN is issued promptly on the first of each month. It furnishes the latest and most authoritative information obtainable on all matters relating to Poultry and kindred Industries. Contributions that are practical and pithy are solicited.

The Editor is not responsible and does not always endorse the opinions as expressed by his contributors.

Subscribers desiring a change in address will please give the old as well as the new postoffice.

ADVERTISING BILLS

Bills for advertising in THE INDUSTRIOUS HEN are due and payable the first of the month following the one in which the advertising appears. A discount of ten per cent will be allowed those who pay in advance. A discount of five per cent will be allowed if bills are paid within ten days from date of invoice.

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Forms close 25th of month preceding date of issue.

SPECIAL NOTICE TO SUBSCRIBERS

Your address on the wrapper indicates when your subscription expires. In order not to miss a number it should be renewed one month in advance. If, after your name appears the date "January 10," it means that your subscription is paid to January 1910, and unless renewed will be discontinued after that date.

If a large letter "X" is stamped in the panel at the left of this paragraph, it means that the time for which you paid your subscription has expired, and, unless renewed before the next issue, will be discontinued; therefore, if you do not want to miss THE INDUSTRIOUS HEN, YOU SHOULD RENEW AT ONCE. Do not fail to send us either 50 cents to pay for your subscription for another year, or \$1.00 to pay for the paper for the next three years. Better send \$1.00 and have the best and most helpful and practical poultry journal found in the world coming to you regularly every month for the next three years.

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If you receive a sample copy of THE INDUSTRIOUS HEN you are invited to subscribe for it. You may never get another copy, and if you like it, mail us 50 cents for one year, or \$1 and have it come to you for three years. Thousands are doing this now, and you will never regret it. In sending your subscription if you have a friend who would like to see a sample copy, send us their name and address, but send your own subscription RIGHT NOW. Do not put it off because you are busy, but DO IT NOW. Address THE INDUSTRIOUS HEN Co., Knoxville, Tenn.

EDITORIAL PARAGRAPHS

A VIRGINIA POULTRY JOURNAL

Volume 1. No. 6 of *The National Poultry Journal*, published at Harrisonburg, Va., is before us. It is a neat, handsomely printed magazine of 16 pages, and is the only poultry journal published in Virginia.

* * * *

STILL THEY COME

We are in receipt of the initial number of *Southern Poultry Review*, published at Charlotte, N. C. R. L. Simmons is editor and G. W. Best, business manager. *The Review* is a well edited and nicely printed paper and we wish it a full measure of success.

* * * *

WILL PUBLISH SHOW WINNINGS

As has been previously announced, we intend during this season to publish show winnings, and we shall be glad to have reports from all the leading shows, especially in the South, that we may be in possession of sufficient information to enable us to compile such lists in the most concise form for publication.

* * * *

A CORRECTION

Accompanying the article, "Poultry Raising in Virginia," by F. H. Le Baume, which was published in our August number, appeared a cut of White Wyandotte chickens as having been bred by the Norfolk & Western Experimental Farm. The fowls illustrated are the property of the Standard Bred Poultry Farm, of Burke's Garden Va. The error was an oversight and we gladly make the correction.

* * * *

TO OUR ADVERTISERS

THE INDUSTRIOUS HEN will take pleasure in making special mention of the winnings of its advertisers at any and all shows this season. In order to do this, however, those who make winnings must furnish us the necessary data. We want to help you, but it is impracticable for us to undertake to get the information ourselves when a few lines from you would be all that is required. So we respectfully ask that you keep us advised as to your success at the shows.

* * * *

"TRICKS OF THE POULTRY TRADE"

This is a new book by Reese V. Hicks, editor of *Poultry Culture*, of Topeka, Kansas. It contains 64 pages of information about the poultry business that is not easily obtained elsewhere—simply every day facts, figures and "tricks" that have been tried and tested by hundreds of the most successful poultrymen. The book is a valuable addition to poultry literature, and every breeder should have a copy.

* * * *

GOVERNMENT EXPERTS CORDIALLY RECEIVED

THE recent tour of this section of East Tennessee by the government experts, on farm management, poultry, fruit and good roads, was a complete success. The speakers, Professors Brody, Spillman, Slocumb, Gould and Eldridge, being each a recognized authority on the respective subject discussed, were enthusiastically received by the farmers and rural residents at the various county seats where the discussions took place. It is safe to say that much good was accomplished and we hope the good work may be continued from year to year.

* * * *

REVISED ADVERTISING RATES

BEGINNING with the month of November, advertising space in THE INDUSTRIOUS HEN will be at a flat rate of \$1.26 an inch, subject to discounts here named, i. e., on orders amounting to as much as 72 inches to be used during one year, we will allow a discount of 20 per cent, and where the space contracted for amounts to 200 inches or more to be used during one year, the discount will be 33 1/3 per cent. The revised rate will not affect existing contract or agreements, but all contracts made hereafter will carry the new rate, which is, we believe, more equitable and gives the smaller advertisers an advantage over the old rates, while, at the same time, the users of large space will appreciate the liberal discounts allowed on yearly space orders.

POULTRY CENSUS OF 1910

It is known that the statistics with regard to poultry and eggs, as reported in the census of 1900, were incomplete and did not represent the true importance of this branch of the industry. The discrepancy was due largely to the fact that poultry under three months old was excluded from the records of poultry on hand June 1, 1900. Of course this ruling eliminated practically all the fowls hatched that year. Another cause of the erroneous showing made by the last census arose from the fact that the major portion of the poultry establishments in cities and towns was overlooked entirely by the census enumerators, because they were not considered as "farms," notwithstanding the census rules provided that they were to be so considered, for the purpose of gathering the census statistics, in all cases where the annual output of such establishments equaled or exceeded \$200. All well informed poultrymen know the aggregate value of the poultry produced on these city "farms" to be enormous, and it is the intention of the census officials to get complete returns from all these establishments for the census of 1910 to be taken next April. All poultry under three months old will be included in this census also, and it is expected that the increase in value of poultry products, as compared with the 1900 census, will amount to many millions of dollars. A request for names and addresses of all city poultrymen is being sent out by the census bureau, and it is hoped that the information required may be sent in direct to the director of the census at Washington prior to January 1, 1910. This information is wanted for the purpose of checking the enumerators in the cities where poultry plants are located, and it is urged that all persons interested in the business lend their co-operation in an effort to obtain a complete census of the poultry industry for 1910.

* * * *

HOW EGGS SPOIL

The earth, the air, and water are teeming with innumerable bacteria of various kinds, some good and some bad. Everything that decays does so under the action of bacteria that bring on decomposition. When an egg spoils it is because bacteria enter it and decompose its substance.

You might suppose that bacteria could not penetrate an egg shell, but they can for the shell is porous and imperfect. Were there no bacteria, infertile eggs would remain fresh and unchanged for an indefinite period.

But the fact is that bacteria enter most eggs in the process of production or soon thereafter. They originate in a diseased ovary of the hen. So eggs may soon spoil from these germs alone. Therefore most eggs must be disposed of at the earliest moment after production.

In hot weather especially it is necessary to market your eggs at once for heat favors a rapid development of bacteria. As much as possible your eggs should be kept in a cool, dry place. Here the advantage of cold storage is apparent. Eggs stored in the spring months, keep much better than those laid in the hot months of late summer because the bacteria do not get such a good chance at them.

Again, it is a fact that eggs may be infested from the nest soon after they are laid. Unless frequently changed the nest material teems with invisible bacteria. Here again moisture comes to favor bacterial action. A damp nest dissolves the normal sticky coat of the egg and leaves the pores open for bacteria to enter. If possible this coat should never be washed from eggs.

Most of the facts that we recount, have recently been proved out by eminent investigators and especially at the Starrs, Connecticut, experiment station. The lesson we learn for egg production is first that we must have hens, and secondly that eggs must be protected in every way from bacteria, and thirdly that there should be no delay in reaching the best market.—T.C.K.

* * * *

SKIMMED MILK FOR CHICKENS

We mentioned milk-fed chickens last month and a correspondent at Eden Park, R. I., wants to know more about them. In answer we quote from Farmers' Cyclopedia of Agriculture by Wilcox and Smith. It says: "Skim-milk in experiments at the Indiana station was found to be valuable food for young chickens. It caused large and rapid gains and the profits were much increased by its use. It may be added to an otherwise well balanced ration, or may be given along with green food, and is especially valuable when fed to chickens in confinement. In Ontario grain mixtures moistened with skimmilk were much more effective than when wet with

water. Skimmilk as a drink proved far superior to water in experiments at Ottawa. Experiments show that it can be safely given in unlimited quantities." The best plan seems to be to confine the birds and push them with all the skim milk they will take.—T.C.K.

* * * *

WIDE AND NARROW RANGE

It is evident that the last word has not yet been said on the subject of poultry culture. When leaders differ radically with regard to foundation principles, we must think there is yet much to be learned and that so far we are only in the primary class. These reflections come from reading a very thoughtful article depreciating the desirability of wide range for fowls. The writer of the article contends that his experience favors limited range, but confesses that it has not been sufficient to be conclusive. The truth is that the results in these complex questions have such a varied origin that it is very difficult to disentangle their causes. It may be that certainty never can be determined. It may be that often both ways are equally good. One need not necessarily contradict the other except in so far as the producing factors oppose each other. It is evident that a wide range belongs especially to the farm and will be more successful than a narrow range when there is little feed and care. The fowls then can better make up for deficiency by looking out for themselves than if confined to a back yard in the city. The difference of range doesn't effect so much as the difference of food and care. If these are supplied by the owner in a scientific and natural way, the flock on the city lot may come out as well as those having wider range on the farm. The secret of the whole matter is that circumstances alter cases.—T.C.K.

* * * *

THE 200 EGG HEN

The fact seems to be dawning that the 200 egg hen is a freak and not a regular production. Other poultrymen besides those of the Maine Experiment Station have found by experience that the daughters of 200-egg hens are by no means likely to produce so well as their mothers. In fact the chances are the other way. After an attempt at development for ten years, the Maine Station fell from an average of 136 eggs a year to 113 eggs. The whole subject seems yet somewhat involved in the mists of uncertainty. We may have been mistaken in some of our facts, even about stock breeding. After all there does not seem to be certainty in the law that like produces like when it comes to the principle of fecundity—at least as regards hens. Some mothers of smaller laying capacity produce daughters that far exceed the daughters of 200-egg hens. Breeders will evidently know more about this matter later on. Is there an average breed limit beyond which it is not possible to go? If so, is not the hen that lays 200 eggs and more a possible freak to which our average cannot be raised? Does not the abnormal fecundity sap the vigor of her offspring so as to reduce their laying capacity in most cases?—T.C.K.

* * * *

THERE is a general upward tendency in things that sell to-day, and if the producer asks you more for birds and eggs than usual you cannot complain. He cannot afford to do otherwise.

* * * *

T. E. Quisenberry, of Slater, Missouri, has been appointed secretary of the Missouri State Poultry Board. The position will require all his time and pay him \$1,200 a year.

* * * *

A Mrs. W. F. Harshbarger, of Waverly, Indiana, less than two years ago, invested thirteen dollars in ducks and eggs. Now she has a profit of \$1,500 and yet feels that she has hardly begun the business.

* * * *

TENNESSEE poultrymen think that their own State should do as others and vote an appropriation at the next session of the legislature to promote poultry culture among the people, and a petition is talked of to that effect.

* * * *

THE first pair of Light Brahmas arrived in this country in 1847 and were bought from their owner on board an "East Indiaman" in New York harbor by Mr. Chas. Knox for Mr. Nelson H. Chamberlain, of Hartford, Conn.

SUCCESSFUL MATING FOR EGGS, VIGOR AND EXHIBITION

BY GEORGE B. WRIGHT IN POULTRY POST

YOU will note by reading the topic I am about to write on, that it is a very interesting subject. A great deal has been said in regard to this subject, but I feel that there is yet lots of room for more. We have, no doubt, read articles on the same subject, yet can study each one and we will find that the person who has written them either does not care to give us the knowledge he or she possesses, or they don't know the real facts from experience. What we want to read is tested facts so we can put them into execution and attain better results.

Now then, let us first consider the most important fact that we must mate for. We must have eggs so that we may have something to sell, and one of our greatest troubles is to produce them. A large number of articles appear in the numerous poultry journals on "How to feed for eggs." Let me state that no matter what you feed or how you feed, it will not produce eggs if you do not have the strain of fowls that are bred to lay. Of course you can increase your egg yield by correct feeding, but to make a hen or pullet lay close to the 200 mark, takes more than good feeding. "Bred to lay" is a common expression of the fancier who has just installed trap-nests to see just how his birds will lay, to use when advertising. We must not only use the term for a drawing card, when advertising, but have the chickens that are really "bred to lay" to back it.

It is impossible to build up a strain of bred to lay birds in one or two seasons, as it takes years of hard work to do it. In a great many breeds the type of bird that the Standard requires is far from the bird that we could expect to receive a large supply of eggs from. We can gain a great point, if, when starting, we purchase from an old breeder who has bred his birds to lay, thus gaining the advantage of his years of labor.

Let us now consider the best way to mate to increase our egg yield. Our first thought is the trap-nest. To be candid, it is the best way to find out which pullets are doing the right kind of work, so that we can use them in our breeding pens as hens. But, although the trap-nest is the only sure way of telling which birds are doing the laying, it is really not needed by the experienced poultryman to pick out a good layer. The thorough poultryman and fancier knows which birds are doing the laying and can tell at a glance whether a hen is attending to business or not. Give an old poultryman some birds in the fall of the year to mate up and in 99 cases out of 100 he will pick out the birds that are good layers. He knows that a hen must be a good layer to be of any value to the breeding pen. You will say, "How does he do it?" The question is a hard one to answer, but I know it to be a fact. I would state that the birds he would select would be those that were in perfect health and condition, active, but not wild. In other words, birds that know how to work for what they eat, and do it. These birds are the egg machines and it will be found to be true in nearly every case. Of course, there are exceptions and we will make mistakes, therefore the trap-nest is very satisfactory. All mistakes can be avoided by its use.

Another fact that I have noticed is that the hen with the large egg record, is not always the producer of heavy laying pullets. Also, that any hen with a good record from a flock of a "bred to lay" strain is liable to produce a great layer. I would suggest that you do not use a hen for breeding unless she has a 125 marked after her leg band number. Of course, the better her record the more valuable she will be in the pen. You can, by mating such birds as I have been speaking about, expect to produce a flock of pullets that will do a little better than the parent stock, if correctly fed.

Now another point, and one of the most essential in all requirements of poultry, and without it we cannot look for success in any part of the business or fancy, and that is vigor. We must have the vigorous birds or everything is for naught. If we want eggs we must have vigorous stock, and if we want to continue breeding for eggs, it must be prominent in our flock. Also for exhibition, it is the vigorous birds that carry off the blue, other things being equal.

Vigor is needed in all parts of the poultry world and if it is lacking in our flocks we can look for lots of infertile eggs during the breeding season. So vigor is no slight

matter to be just glanced at and passed by. We had better use birds of not quite so good quality that are vigorous and have lots of snap, if success is to be ours.

To keep vigor in our flock, we must mate vigorous birds, those that are very active and always on the move. Our male birds should be the kind that would fight at a wink. These males are the kind that do their part as to insuring fertile eggs.

Mating for exhibition is an exhaustive subject and a hard one to deal with, as there are so many different breeds, but to take them in general, we will note that they all have hard points to produce and try as we will, sometimes it seems as though we will never acquire them.

First of all, let us take the shape, as that is the most important. Some varieties have long backs, and others have them short, some are very deep in body, while others are not. In most cases the best birds in plumage are off in shape. Now comes the question, should we mate these birds? I say yes, if we can find a male of extra good shape and plumage to mate them to. If we mate poor birds together we would expect the same kind of offspring, but if we mate birds with good points together we would look for some of the young stock to be better than the parent stock. We should reserve the best in all points for use in our pens, provided they have a fitting egg record. Now we must strive to have the hard points bred in one sex or the other because if we do not breed it somewhere we will never produce it. Don't forget that our breeders must have good combs. If Rose Comb, avoid hollows, coarseness and unevenness. If your birds are of a single comb variety, try to use females with standard combs and a male with one point less, if they show a tendency to throw more than standard points. If they breed true, breed the correct number of points on both sexes. Be careful as to the shape of the single comb, and see that there are no side sprigs or other defects.

Never use a small bird in your pens. If you do it will be the undoing of your work for years if you are not very careful. Always use good eye and leg color in both male and female, if possible. Be sure that you have it in one sex, if not in both; also see that your birds stand well on feet.

When mating for eggs, vigor and exhibition, catch your hens with the good records and place them in a pen. Get an exhibition coop and a judge's stick, also your standard. Open your standard to your variety, read it through as it will brighten up your memory. Now turn to your cut. Place a bird in the coop and examine for shape, after looking first to see if she has any disqualifications. If she is not in good shape, put her out, but if she is good, put her through a rigid examination as to standard requirements. If she is of good quality, put her in another pen. Go through with the lot in the same way and then select the best of the bunch for your breeders. Mate them to males that you have examined the same way. See that all are quite active and vigorous, also of good size, and success will follow your efforts.

BRAN AS A POULTRY RATION

It is well known that bran is a highly nutritious food. With reference to its value as a poultry ration, the *Farmers Home Journal* says that bran contains more phosphates and mineral matters than other ground grains and it is also of great assistance in regulating the bowels, especially when a small quantity of linseed meal is given with it. In warm weather, however, it is not wise to give it more than three times a week. In winter it is excellent scalded and mixed with cooked vegetables, or is also beneficial when thrown dry into a mess of chopped vegetables or meat. If bran is used in the summer and the fowls have a range, no other food need be given, but in winter it is necessary to balance the ration with vegetables, meats or bulky materials.

Beware of egg-sucking dogs. If you find one in the act don't wait for judge or jury. A dose of shotgun is the best remedy.

CO-OPERATION AMONG POULTRY PUBLISHERS

[We reproduce this article, taken from the October number of "Poultry" because the subject matter thereof is in complete accord with our feelings with regard to the subject discussed. Co-operation among the poultry publishers, along the lines suggested, would, without doubt, do more toward establishing the poultry business on a firm foundation, than any other one of many important features that might be mentioned.]

It is a fact, which is no credit to us, that we who manage the poultry press of this country have not been able to get together and help each other in the many ways that we might. Whether this has happened through indifference or petty jealousy it is not our purpose to discuss, for this would lead through the Gate to Nothing. What we would like to see is a strong organization among poultry publishers which would be helpful to every one. It is the right of every person or firm in any business to secure all of the business that can be secured by legitimate means. If one goes ahead of the other by following honorable methods it is the good fortune of that one to be better qualified to secure business or more favorably located to attract it, and there is nothing in these conditions that should create envy or jealousy.

The magazines, the weekly publications, the dailies of the country, each have their associations at which publishers meet and discuss their business with profit to every member.

Many go into the poultry business expecting to make a fortune by easy methods. There is a good old saying which is as true now as it was a thousand years ago. It is this: "There is no excellence without great labor." Every statement that makes for more than this is as "sounding brass and tinkling cymbals." When St. Paul used this expression he probably meant that those things made a noise which attracted attention or that they made music which was pleasant to the ear. Notions about music have changed during the last two thousand years and probably the music of St. Paul's day would be called noise now, but the figure is just as strong one way as the other. The sounding brass and tinkling cymbals have been used to the limit in the poultry business. They have attracted many who have started in only to lose. They have attracted others who have started in with the set purpose of making others lose.

The effect on the poultry press has been two-fold. The honest but ignorant beginners have become over enthusiastic, have advertised more than they could afford and have failed, to the loss of the publications who sold them publicity. Their

failure has reflected on the poultry business generally, and the locality where a failure has been made has been given a practical example which hurts the business for a long time. The dishonest man has done just as much damage by causing many to think that all poultrymen are dishonest and made them afraid to do business with advertisers.

The poultry publishers of this country must take on their own shoulders a considerable part of the blame for this state of affairs. They have allowed exaggerated statements to appear in their columns thus inducing those to begin who should have waited, or who should have begun in a smaller way. They have sold space to advertisers who were simply swindlers, and when remonstrated with for doing this have ignored the remonstrances or have replied that the advertiser paid his bills and they had no reason to refuse him space. The swindler is usually good pay and it is not complimentary to the poultry press that whole page advertisements not infrequently appear in which those who have been convicted of unfair practices by the fairest trials and most impartial judges are allowed to cast an alluring bait for the unsuspecting beginner.

At the recent meeting of the American Poultry Association at Niagara Falls a few poultry publishers agreed to help each other free the poultry press, as far as they controlled it, from dead beats and swindlers by furnishing each other information that would be mutually helpful. In the short time that has elapsed good work has been done. This office has been furnished with information that will save this company money. It has been our privilege to warn some of our brother publishers against certain advertisers who will find their field restricted hereafter. Such an arrangement through which the whole poultry press could work would do more to build up the confidence of the outsider who is thinking of beginning to breed poultry, more to increase confidence in advertisers, more to put the poultry business on the solid foundation of confidence and practical knowledge than any other move that could be made. We speak for co-operation, brotherly reciprocity and mutual advantage. We are ready to co-operate with any other poultry publication in the country. We guarantee our advertisers and will not sell space to any one who is not fair in selling, showing or along any other line connected with this business. We do this for our own protection and the protection of our subscribers. It is only what every publication should do and co-operation would make it possible for every one to do it. Big and little should join in this work because it will be the most profitable way in the end and more because it is the right thing to do.

HOW AND WHEN TO ADVERTISE

WRITTEN FOR THE INDUSTRIOUS HEN BY J. C. CLIPP, SALTILLO, INDIANA

THAT liberal space and constant advertising pays the poultryman, goes without argument. The journal that has a large circulation—one that circulates among the enthusiastic breeders—is the medium you should patronize. If you have quality to offer your customers, and advertise judiciously in the leading publications, your investment should bring at least seventy-five per cent profit. This statement is not made casually or by supposition, but is based upon a close, conservative estimate, taken from actual book accounts. A flock of high class fowls will build you up a nice bank account if you announce their merits through the poultry press, but you must use good judgment in placing your advertisements. Should you select some story paper or some "sporting news journal," your advertisement would certainly prove disappointing. Select the very best poultry publication regardless of rate per inch. While it is a fact that some journals charge excessive rates, the majority charge a reasonable price, based upon a proved circulation. Such journals as these will pay you a good profit on your investment. A splendid indication of a good advertising medium is its crowded advertising columns. The journal that brings business to the breeder is always crowded with advertisements. If your present circumstances will not admit of your taking liberal space, start with a more conservative amount. You will find that your business will increase as time advances, provided you handle your customers in an honorable manner. Then

you will be justified in contracting for more liberal space. One thing is certain: You will never build up a paying business by lying dormant. We are bound to push our business and soon our business will push us. It's not always the largest advertiser that has the best quality of birds. Some breeders that have a limited number of "top notch" specimens do not feel justified in taking large space, hence advertise according to the number of specimens they have to offer. While the breeder that has several thousand birds to offer, well understands that a one-inch space will not sell his output. It stands to reason that the more you cultivate your crop the greater average yield you will harvest. The same is true in the advertising business. The larger the space you have, the more business it will draw. The breeder with a one inch space may have just as good quality as the breeder that uses a half page. If you have birds of superior quality it will be worth your while to consider some advertising space now, as the season is on for active stock sales. Sales will be brisk early this season, due to the fact that stock is scarce as a result of the extremely wet spring. Buyers that do not make their purchases early this season will doubtless be disappointed. I have just returned from over a vast territory, and I find in almost every instance the breeders are short on breeding stock this year. Consequently, if you have stock to offer, it will pay you to offer it early, as buyers will be compelled to buy early or do without.

POULTRY ON THE FARM



WRITTEN FOR THE INDUSTRIOUS HEN
BY AN OLD FARMER

FARM NOTES

Poultry on the farm is of course a side issue, but with intelligent work and care it may be made a very efficient one. A farm without poultry would be something strange to see. This fact itself shows how universal its importance is realized.

As a rule the care of poultry on the farm must go to the women folk in order to be certain that it is not neglected. The "lord of the manor," in the multiplicity of other duties, would be prone to overlook his fowls.

If your farm is near a city of large hotels, restaurants, and club-houses, a good thing may be made of plump young chicks, termed squab broilers. At seven to eight weeks old, when weighing three-quarters to a pound each, they often bring as much as one dollar a pair.

If the farmer is troubled with chicken thieves he should keep a double-barrel shot gun handy and let it be known that he will shoot to hurt. I wouldn't take life, but I should try to disable the thief's power of locomotion so that he could not get away.

When you get eggs by rail from a fancier take them out of the basket and lay them away to rest for twenty four hours before setting them to hatch either under a hen or in an incubator. This is to let the germ settle and secure a better hatch.

POULTRY PICKINGS

A little extra care of your hens and a bit of choice feed will pay in eggs many times. Don't be afraid of doing too much. Only be careful that what you do hits the spot.

The Buttercups are a new breed of fowls for which much is claimed. They originated in Sicily and in some respects resemble the Rhode Island Reds. Their champions claim 300 eggs a year as not unusual, but here we beg leave to doubt.

You get more for dressed poultry by picking it dry than when scalded. In picking dry begin near the crop and pluck the breast first. Then take the back near the tail and wings last.

It is hard to make a living from raising poultry on a small spot of ground. Only an expert can do it with success. From five to forty acres of land and at least 400 hens are necessary to support a family.

The Anconas are claimed by their friends to be egg machines pure and simple. They lay right on through the whole year and never set. We fear that their friends are a little too enthusiastic.

The Bantams also have enthusiastic friends who claim they are as good as the best when all the reports come in. They are small, but they eat little and lay a big lot of eggs as well as furnish a sweet morsel of roast that cannot be excelled.

WHAT GRANDMA SAYS

If possible the poultry runs and feeding grounds should be moved every year or two in order to prevent infection from disease germs. Otherwise plow them up and spread lime.

The hen needs exercise the same as a human being. You can't expect hens to have health and lay winter eggs when huddled up in a small space. Give them range and feed in a big scratching shed open to the southern sun.

It doesn't pay to keep hens beyond two years. Don't forget that. Fatten them and put them on the table or send them to market. Every point must be carefully watched for profits.

The weather is something, but the hen is more. Have your hens in a laying condition and they will lay in spite of weather. In fact you may make a little weather of your own by controlling the temperature of the nesting house.

They say blood will tell in horses and cows; then why not in chickens? If a scrub cow is not equal to a thoroughbred Jersey, why should a scrub hen be as good as a White Leghorn or a Plymouth Rock?

Geese are not like hens. Old geese lay better than young geese, and old ganders are better than young ones. It interferes with their breeding qualities to change geese from one place to another. Geese feed best on grass and much corn is not good for them.

NOTES ABOUT DISEASE

To succeed with poultry you must keep the fowls healthy. Sick hens are poor property and medicine usually does them but little good.

It is easy to keep your hens healthy if you know the laws of health and practice them. They must have dry quarters without drafts in cold weather, pure water, wholesome food, fresh air and sunshine.

Many diseases are produced by a germ which makes them contagious, or communicable. By keeping the germ away you will not have the disease. A vigorous, healthful flock will also tend to resist disease.

To avoid disease keep the premises constantly clean. Whitewash the buildings inside and out and scatter lime over the floor and grounds. Spray the roosts with coal oil or a solution of carbolic acid.

It is said that fowls and birds in a state of nature are never sick. Only when we confine them in close and unwholesome quarters do they become so. The teaching is to follow nature as closely as possible.

Nature teaches us that fowls should have a wide range and that a farm is the best place for them. The chances for success on a farm are as ten to one compared to a city lot.

Watch your flock carefully and as soon as one member shows disease remove it. Better kill it and bury it deep in the earth at once than to leave it to contaminate the rest.

WISE WORDS BY UNCLE BEN

The 200-egg hen is rarely a hen at all. She is a pullet, or at least a hen in her first laying year.

Chickens must have shade to protect them from the hot sun of fall and summer. A thicket of plumb trees makes one of the best shades.

If possible build you poultry house on a well-drained southern slope. There should be no dampness about the house or yard, for that will tend to produce disease.

Your drinking fountains should be furnished with pure, clear water each day. Nothing is more apt to communicate disease than impure water.

The poultry house should face the south with a wide opening above so floods of sunlight may enter and destroy the germs of disease.

For winter eggs, have pullets or first year hens. Unless eggs are needed for hatching allow no males in the pens. Feed with a mixture of ground grain and meat.

Remember that eggs for market pay best in winter and that is the time for greatest care and zealous work in getting most out of the business.

MARKET NOTES

To get the highest prices your eggs must be known to be of the best quality. When the common run of eggs are selling in stores at 20 cents a dozen, in the large cities, guaranteed fresh eggs are selling to special customers at 50 cents.

Careless methods of producing and collecting eggs on the farm are responsible for many defects in quality and consequently lower price.

When the weather is warm, eggs for market should be gathered twice a day and kept in a cool place. It is important to get them sold and into the consumer's hands as soon as possible, especially if they are fertile.

Use all cracked, dirty and small eggs at home. They are all right for this purpose but lower the price of your consignment in the market.

Never allow moisture in contact with the egg, and keep it away from musty cellars and bad odors if you want to bring a good price and reflect credit upon the seller.

PARRISH BREEDS QUALITY Columbian Wyandottes

Parrish breeds and sells more show specimens than any five breeders in the South.

At the great Nashville State Show, September 1909, in the largest class ever shown in the South, I won First, Second and Third Pen; Second and Third Cock; First, Third and Fifth Hen; First and Second Pullet; Second, Third, Fourth and Fifth Cockerel.

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Old and young stock of all for sale. Young Turkeys from pens 1 and 2, headed by "Daniel Boone", 1st prize cockerel, Louisville Show, Jan., 1909, and "Jonah", 1st prize cockerel at Tenn. State Fair, Sept., 1908, also Diploma from A. P. A. Prize-winning females.

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106 Mammoth Bronze Turkeys For Sale

What every breeder wants is large size and fine plumage combined; that is what I have in this flock. Line-bred for ten years, but not inbred, with blood of Goliath, weight 48 lbs at 19 months of age, score 97½ pts., won six prizes in one season. Jumbo Jim won second prize at St. Louis, World's Fair, weight 47 pounds at 18 months of age. Southern Prince, a son of Goliath and grand son of Jumbo Jim, score 97½, weight 50 pounds at 19 months of age. This line of breeding cannot be beat, so order early and get best birds and best prices. I also carry B. P. R. chickens of best prize winning strain. Satisfaction guaranteed as represented. Correspondence solicited from old and new customers. Address, MRS. J. C. SHOFNER,

BOONEVILLE POULTRY YARDS, R. F. D. NO. 1., MULBERRY, TENN.



TURKEY TALK

Address all Inquiries to
MRS. J. C. SHOFNER, MULBERRY, TENN.

Sore Head in Turkeys

At this season of the year, and on until cold weather, all fowls are more or less liable to diseases, and especially diseases caused by neglect and filth around one's premises. Sore-head, canker mouth, and lumberneck are the most prevalent at this season, and all of these somewhere and somehow arise from neglect. Sore-head is started from mites, and like smallpox with people, has its origin in neglect of quarters. It is very contagious, and spreads among more cleanly quarters. Just so with sore-head (or chicken pox) with fowls, the microbes seem to fly from farm to farm, sometimes, after once started. The best preventative I have ever tried is blue-stone used in water or food twice a week. I use a lump about the size of a bird's egg in about a gallon of food to be fed to forty or fifty fowls. If any become affected with small, watery looking lumps on head and face, I should isolate same and treat with outward application of carbolic acid and oil of some kind, being very careful not to get any in the eyes, as it will surely destroy the sight. An ordinary proportion that will cure with a few applications, applied every other day, is, to one tablespoonful of oil add seven or eight drops of carbolic acid. If the case is very severe the sores might be touched with the pure acid, using a tooth pick or something to barely touch them, and then immediately use alcohol or oil to kill the acid. The blue-stone should still be used in the food while treating the sores. I have never known this to fail and have used it myself and recommended it to many with good reports.

Cankermouth is also caused by neglect but it is generally caused from standing water where fowls drink. They never swallow all the water they start with from the vessel, so it goes back into the drinking vessel and is drunk from one fowl's mouth to another, thus spreading disease. Many of us raise a variety of fowls—ducks, geese, turkeys and chickens. By experience I have been taught not to allow turkeys or chickens to feed or

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Goldens, Whites,—both combs, S C. Buff Orpingtons
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THE DE GRAFF THE
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S. C. & R. C. RHODE ISLAND REDS
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101 S. C. Reds at N. Y. State Fair

was largest and best exhibit of Reds ever made in the poultry business. He won more prizes than all competitors, besides showing the ideal color and shape as an educational feature for farmers of N. Y. State.

3000 REDS FOR SALE

at right prices in singles, pairs, trios and pen—properly mated, any age, of either breed.

DeGraff Poultry Farm
Amsterdam, N. Y.

Read Will Brown's visit in this issue and McLean's visit, page 113, Sept. HEN

NOTICE!

500 WHITE AND SILVER
WYANDOTTES FOR SALE

Jan. and Feb. Hatched
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SATISFACTION GUARANTEED
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EGGS AT HALF PRICE

Commencing May 20th, eggs from RUDY'S PERFECTION WHITE WYANDOTTES one-half former prices. Now is the time to get the best, as some of my most noted prize winners have been June-hatched chicks,

RUDYDALE POULTRY FARM**GEO. H. RUDY, - MATTOON, ILLINOIS.****BOLLINGER'S****White and Columbian Wyandottes**

For May and June I offer eggs \$1.50 per 15. A nice lot of yearling hens at \$1.50 to \$3.00 each. A few good males at \$2.00, \$3.00 and \$5.00 each, all bred from my best stock. Catalogue.

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WHITE WYANDOTTES AND S. C. LECHORNS

Bred to lay. Principal Winners wherever shown for past three years. Write for Catalogue, mating list, etc. **FOUNT H. RION, Eastland, Nashville, Tennessee.**

COLUMBIAN WYANDOTTES**OF QUALITY**

Early winners at Ohio State Fair '09 and other local shows. Grand lot of pullets and cockerels for sale.

C. L. PATTERSON, AKRON, OHIO**YOUNG'S BARRED ROCKS**

win again as usual in strong class at State Fair 2nd pen, 3rd ckl, 3rd cock and special for best Tennessee pen.

Knoxville, 1908, 1st, 2nd cock, 3rd ckl, 2nd pen. Lebanon, Jan. 1908, 1st, 2nd, 3rd ckl, 1st cock, 1st pen, 3rd hen.

December, same place, 2nd pen, 2nd cock, 1st cockerel, 4th pullet, 5th hen.

Bronze Turkeys, State Fair, 1st, 2nd, 3rd hen, 1st Tom, 1st pullet, 2nd ckl. Write wants.

R. H. YOUNG**LEBANON, - - TENN.****Buff Plymouth Rocks**

That are bred to the highest possible degree of excellence. Winners at Louisville, Ky., Jeffersonville, Ind., and other noted shows. Cockerels are large, rich BUFF to the skin, clear in wing and tail, birds that will do you good both at the show and in your breeding yards. Prices that will move them.

GIANT BRONZE TURKEYS

The largest and finest marked turkeys the world has ever produced, leading winners in seventeen different states in the best shows America affords. Write us before you buy. Satisfaction guaranteed or money refunded.

J. C. CLIPP, Box 700, SALTILLO, INDIANA

drink out of the same vessel that geese or ducks use; the latter are not as cleanly in their nature as turkeys, which are the cleanest of all domestic fowls. My remedy for canker is to wash the mouth with copperas water removing all the yellow fungus growth that may have made its appearance. After using this wash I cover sores in the mouth with sulphur, or golden seal, every day until the fowl is well.

Limberneck, we all know is caused from neglect of cleaning one's premises, but it is not a contagious disease, but may be spread through a whole flock by carcasses of the first affected dying and lying until the same get in a putrid state, and those eating of it taking the ptomaine poison into their own system. The cures for this are numerous. I have used a few drops of turpentine with good effect. Tobacco juice will kill the poison; asafoetida is excellent, and several other remedies I could mention; but I find with all of them we must keep the fowl in the shade, and in administering our remedies not to allow the fluid to run back and strangle the fowl to death, as they are powerless to help themselves.

Chicken-Pox*Written for The Industrious Hen:*

A correspondent at Dothan, Ala., wants information about a disease in fowls sometimes called "sorehead." It is a chicken-pox and peculiar to the South. It attacks growing chickens late in the summer, but is not generally fatal and readily yields to treatment. In the first place this disease may be avoided by bringing the chicks out early in the season. If it does develop, dip the heads of the birds once a week in one of the coal-tar disinfectants of proper strength. While this preparation kills external germs like those in sorehead it does not injure the bird if the operation is performed quickly and properly. The disease more rarely attacks poultry of any age and variety and in the far South may become quite destructive if not treated promptly and with vigor. It spreads by contagion. All affected birds should be removed and kept to themselves. The premises should be thoroughly cleaned up and disinfected.—T.C.K.

WANTED

Everybody who wants the best Egg Producers and Blue Ribbon Winners in S. C. White Leghorns to write me. I have hundreds of the very finest for sale at right prices.

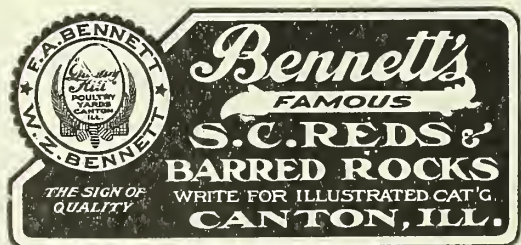
A. J. LAWSON, Proprietor, WHITE HILL POULTRY FARM

Route 4, Box 2, CLEVELAND, TENN.

State Vice-Pres. Nat'l S. C. W. Leghorn Club.

ORPINGTONS OF QUALITY

**BUFF AND WHITE
PRICE OF EGGS REDUCED
Dr. J. A. Posey, Frankfort, Ky.**

**FOR SALE****A Chance to Get a Pen of WHITE PLYMOUTH ROCKS**

Cheap. Cockbird and 4 Hens. Fishel Strain. Cockbird, as Cockerel, was 1st at Lebanon and 4th at Nashville, Dec., 1908. Also Some Promising Young White Rock Cockerels.

**BONAIR YARDS, NASHVILLE, TENN.
W. Sparks Greene, Mansfield Ave.**

25 HIGHLY BRED**White Rock Cockerels FOR SALE****Fishel Strain, \$2.50 each**

White Rock Poultry Yards

J. T. Sebastian, Pro.**NORWOOD, LOUISIANA****TO MAKE ROOM**

For my young stock I will offer some of my choice **WHITE PLYMOUTH ROCK YEAR-OLD HENS** in any quantity to suit at \$15.00 per dozen. Also a few male birds to spare, from \$2 to \$10 each. Order direct from this ad. Eggs \$1.00 for 15; \$4.00 per 100.

C. M. WALKER, - HERNDON, VA.**Barred P. Rocks**

Winners of the Highest Honors in the Strongest Company. Choice Exhibition Males and Females for Early Shows at Honest Prices.

T. J. GOODLETT, TRAVELERS REST, S. C.**ROBINSON****Breeds White and Barred Rocks of the best Strains.****STOCK FOR SALE.
EGGS \$1.50 PER 15.**

Address,
R. D. ROBINSON, White Hall, S. C.

DIAMOND STOCK FARM**WHITE ROCKS**

AND

S. C. W. LECHORNS

of quality that lay. Our prices will astonish you

DIAMOND STOCK FARM

R. F. D. No. 2, NEWBERN, TENN.

R. L. JAMES'S**WHITE PLYMOUTH ROCKS****BREEDERS OF QUALITY**

I have some choice "Farm Reared" cockerels and pullets for sale. Satisfaction Guaranteed.

R. L. JAMES**R. F. D. No. 5 LEXINGTON, KY.**



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Incubators and Brooders Developing Food Laying Food Scratching Food Bone Cutters Roofing Paper Portable Houses Shipping Coops Egg Packages Egg Preservative Chick Markers Poultry Remedies Disinfectants Fumigating Candles Full-Nest Egg Food Grit and Shell Boxes Drinking Fountains Dry Food Hoppers, etc.	Chick Food Forcing Food Alfalfa Food Cookers Chick Shelters Brood Coops Egg Cabinets Egg Testers Leg Bands Lice Paint Lice Powder Nodi Charcoal Sprayers
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SPECIAL THIS MONTH

Roofting Paper
Shipping Coops
Lice Paint
Sprayers
Poultry Remedies

Send for our Free Illustrated Catalogue of all Poultry Supplies.

Address nearest office.

CYPHERS INCUBATOR COMPANY,
Buffalo, N. Y., Chicago, Boston,
New York City, Kansas City,
Oakland, Cal., and London, England.
7000 Dealers in United States and Canada
Sell Our Goods. Ask at your store.



12 CENTS A BUSHEL

SPECIAL FOOD for laying hens (not sprouted grain but a REAL FOOD) 12 to 17 cts. a bushel. Makes hens lay in winter same as spring. 16 of Prof. O. Kemp's Barred Rocks fed this food laid 3,536 eggs in one year. Thousands of poultry raisers using it with equal success. One plant used 1,200 bushels last winter. See my Free Booklet.

F. GRUNDY, Poultry Expert, Morrisonville, Illinois.

S. C. Brown Leghorns and Columbian Wyandottes

Winners of the Blue in Four States and 3 Cups this Season.

We won on Columbian Wyandottes, Nashville,

1st ck., 1st hen; 1st, 3rd ckl.; and 1st pen. At Jackson, Miss., 1st, 2nd ck.; 1st 2nd hen; 1st, 2nd ckl. 1st, 2nd pul.; 1st pen. At Augusta, Ga., held on same dates as Jackson, 1st, 3d ck.; 4th hen; 1st pul.; 4th pen. At Mobile, Ala., 1st, 2d ck.; 1st, 2d hen; 1st, 2d ckl.; 1st, 2d pul.; 1st pen.

On S. C. Brown Leghorns, Nashville,

3rd ck.; 3rd pen. At Jackson, Miss., 1st, 2nd ck.; 1st, 2nd hen; 3rd, 4th ckl.; 1st, 2nd pullet; 1st pen. At Augusta, Ga., (held on same dates as Jackson), 4th ck.; 1st, 2d hen; 3d ckl.; 1st, 2d pul.; 1st pen and cup for best display. At Mobile, Ala., 1st, 2d ck.; 1st hen; 2d, 3d ckl.; 1st, 2d pul.; 1st pen and cup for best pullet in show.

STURTEVANT BROS.
KUSHLA, ALA.

Write us your Wants. Correspondence Solicited

YOUNG STOCK FROM PRIZE WINNING S. C. BROWN LEGHORNS, BUFF COCHIN BANTAMS, WHITE WYANDOTTES

That will make fine breeders and fit to show in hot competition. Cockerels and Pullets \$2.50 to \$5.00 each. Choice high scoring show birds a matter of correspondence. The best Northern Blood is in my birds. They speak for themselves. Many have been well pleased, — you can also be.

PITTSFORD POULTRY FARM
MORTIMER E. BACON, Prop.
Lock Box 27. PITTSFORD, N. Y.

HONEY BEE

T. C. KARNs

Southern Bee Culture and HEN one year 75c.
Gleanings in Bee Culture and THE HEN one year \$1.00

Bee Notes

Written for the Industrious Hen.

Are your bees ready for winter? It is time to have them so. Not a moment should be lost.

This was a good year for the good bee-keeper. No year is good for the man who keeps bees in a poor way.

Honey brought a good price this year in our local market. "Chunk" sold at 15 to 17 cents and pound sections at 20 to 25 cents.

Always please your customers if you want future business. Full and running over pays better than short measure.

It pays big to put in starters and have your combs straight. Crooked combs are a pest and an abomination.

In taking off honey in the fall don't be long about it or leave scraps and drippings around the hive. If you do, robbing by the bees is sure.

Don't let your bees go into winter without full stores and an extra box covering. Feed till each colony has twenty pounds in the brood-chamber.

To Take Off Honey

Written for The Industrious Hen:

When must I take off honey? Whenever it is capped and ready and you are ready. At the end of the season is a good time, but some bee-keepers think the comb may become travel-stained if left on so long.

Suppose the sections are not all full? Well, if half of them are full, you can take these out and put fresh ones in their places. You can take them out as they stand, or smoke the bees down and carry the super into the honey house and take them out there.

Do you not use a trap in a bee-escape board? Yes, but sometimes then the bees do not all go out and have to be smoked down anyway. Sometimes it is very successful and sometimes not. I work both ways.

How about taking off extracting frames? They are more easily managed than sections and can be very rapidly taken out one by one and carried away without so much danger of starting the robbers. Much depends upon how many you have to take off.

How do you prevent robbing? To prevent robbing you must put no temptation before the bees. Allow no drip or comb to fall around the hive. Leave no cracks in putting on the escape board. Do your work quickly and close the hive at once.

S. C. WHITE LEGHORNS
(Holston Strain)

The best laying strain in the South. See record in the June HEN. A few Cockerels for sale.

NOLA CHUCKY POULTRY FARM
Morristown, Tenn.

It Cures or Costs Nothing

Money back for the empty box if it fails. That's the iron-clad guarantee that goes with

Conkey's Roup Remedy

recognized everywhere for years as the one reliable remedy for this dreaded poultry disease. No poultry owner should be without it. A thimbleful in the drinking water and the fowls eagerly drink and cure themselves. Give the well fowls a little occasionally: it will tone them up and prevent disease.

Conkey's Poultry Book

New 1910 Enlarged Edition

FREE

Send for your copy at once. The enormous demand is rapidly exhausting the edition. We want to place a copy in the hands of every owner of fowls.

Facts From Men Who Know

This book does not deal in theories or opinions. It gives you facts—the result of the experience of men who have spent years in the raising, care and handling of poultry. It contains instructive articles on Housing, Feeding, Egg Production, Breeding, Care in Sickness and Health, and hundreds of other things you ought to know.

It's Absolutely Free

Simply send name of the man from whom you buy poultry supplies, with 4c in stamps to cover postage, and a copy will be sent at once. **DO IT NOW**, or you may be disappointed. [10]

THE G. E. CONKEY CO.
Conkey Laboratories
Dept. 17
Cleveland, O.

THE CLIPPER

will cut tall grass, short grass and weeds, and do all the trimming along the fences, walks and drives.

If your dealers do not keep them, let us know, and we will send circulars and prices.

Clipper Lawn Mower Co., Dixon Ill.

FOR SALE

S. C. BROWN LEGHORNS

The 1st prize Cock that was advertised "For Sale" is sold at a good price. If you want a rushing trade, advertise in THE INDUSTRIOUS HEN.

I have a nice lot of young stock that will be ready to ship October 1st, and some yearling stock. Circular free.

M. S. COPELAND
POWELL'S STATION, TENNESSEE

BROWN LEGHORNS

MY FREE CIRCULAR FOR YOU

E. E. CARTER

Knoxville, Tenn.

Dept. I. H. 967 Broadway

Darling's 60% Protein Beef Scraps

The Great Developing and Egg-Making Food

Send for Darling's fine Catalog and follow a scientific course of feeding this year. A special high-quality Darling's food for every purpose. Our patrons get results. The catalog free from nearest office.

Darling & Co., Box 41, Union Stock Yards, Chicago
Box 41, Long Island City, New York

FARM FENCE

16 cts. a rod
For a 26-inch high Hog-tight Fence. Made of heavy wire, very stiff, strong and durable; requires few posts. Sold direct to the farmer on 30 DAYS FREE TRIAL. Catalogue free. INTERLOCKING FENCE CO. BOX 36 MORTON, ILLINOIS.

POULTRY FENCE

STOCK STRONG--RUST PROOF
Bottom wires 1 inch apart. Will not sag or bag. Requires no boards—top or bottom—and fewer posts. Costs less than netting. We pay freight. Send for catalog. The Brown Fence & Wire Co. Dept. Cleveland, Ohio



SINGLE COMB

WHITE LEGHORNS

Yearling Hens, Good Shape and Color. \$1.50 each

Good breeding cockerels \$2.00 each. I have a few Exhibition Birds that it will pay you to get prices on.

W. S. MATHEWS
Big Stone Gap, Va.

SPRING HILL LEGHORNS

SINGLE COMB PURE WHITE

Summer Bargains in Stock and Eggs
Write for Prices

F. J. HEACOCK, R. 2, Salem, Indiana
Sec'y Washington Co. Poultry Association

S. C. WHITE LEGHORNS

Line bred. Wycoff's strain world renowned egg producers, bred for eggs and show room, a combination, which when truly stamped is much sought though rarely attained. Eggs or stock. Call and see them—a short mile from end Fountain City terminal. New Phone 36-R.

O. H. Tindell, Fountain City, Tenn.

WHILE reading about the North Pole, remember you can get some more of my famous Single Comb White Leghorn and Barred Rock eggs. Few S. C. White Leghorn Cockerels for sale, five months old, crowing. This is going after it some.

STRICKLER'S PINE WOODS POULTRY FARM.
DIXSWORE, ILL.

S. C. BROWN LEGHORNS

Michael's strain are winners. Vigorous farm raised birds and persistent layers. Free Catalog. ORION E. MICHAEL, R. R. No. 6, DAYTON, OHIO

Selling Honey

Written for *The Industrious Hen*:

What is the best time for selling honey? The sooner you sell the better, as a general thing. You then have your money to use and the care of the honey is off your hands. There is always danger of injury by mice, ants, and other vermin, and sometimes the honey spoils if kept in a damp place.

Can I get a good price so early in the season? I think you can get a better one. In the honey season people are on the lookout for it and eager to buy. They fear they will miss getting their supply and want it while it is fresh and good. Hence they will pay more, as it seems to me.

Do you find it hard to make sales? Not at all. My neighbors speak for it beforehand. They telephone for it and come after it. The trouble is to keep enough for ourselves. But of course my apiary is not a very large one.

What price do you get for honey? Honey sells well this year. I get 15 cents a pound for "chunk" honey and 20 cents a pound for section honey right at home. With proper management your home market ought always to be the best.

AMONG OUR ADVERTISERS

Amatite Growing Popular

The tremendous popularity of Amatite Ready Roofing shows how the idea of a roofing which you don't have to paint has been seized upon by practical Americans all over the country. There is no doubt that the great trouble with the old style smooth surfaced roofing was the fact that they required so much care. They had to be painted every two years to keep them in proper condition.

Not only can Amatite be left unpainted, but its mineral surface actually makes painting impossible.

A free sample of Amatite can be had by addressing the Barrett Mfg. Co., New York.

An Arizona Breeder

Dr. L. C. Toney, of Humboldt, Arizona, informs us that he will have some fine Airedale puppies for sale a ter November 1st. He is a breeder of Buttercup chickens also and our readers who may be interested in anything Dr. Toney has for sale are advised to write him.

A Valuable Poultry Book Free

We advise all our readers to send 4 cents in stamps to G. E. Conkey Co., Dept. 17, Cleveland, O., and ask for Conkey's Poultry Book. This book will be a great help to you. It goes at the subject without gloves and rips the false, the frivolous, and the nonsensical, from the solid facts and gives you good, practical, money-making suggestions on all subjects likely to interest you.

About Steel Shoes

The rapid extension of the steel shoe business, which is now less than three years old, indicates that within a few years millions of farmers will be wearing them. The saving in shoe bills will be almost beyond estimate. Lock up the Steel Shoe Company's ad in this issue and send for their little book "The Sole of Steel." Mention THE INDUSTRIOUS HEN.

A Business Change

The entire stock and good will of the old reliable S. C. Rhode Island Red breeders, H. B. Lansden & Son, of Manchester, Tenn., have been sold to Mr. E. F. Anderson, of Clinton, Miss. Mr. Lansden states that he was forced to quit the business on account of ill health. While we very much regret to lose the old firm, we cannot but wish for its successor a most flattering success.

CAPON TOOLS



CAPONS bring the largest profits—100 per cent more than other poultry. Caponizing is easy and soon learned. Progressive poultrymen use

PILLING CAPONIZING SETS

Postpaid \$2.50 per set with free instructions. The convenient, durable, ready-for-use kind. Best material. We also make Poultry Marker 25c. Gape Worm Extractor 25c. French Killing Knife 50c. Capon Book Free.

G. P. Pilling & Son

Philadelphia, Pa.

EVERY CHICK CURED!

Flomaton, Ala., 8-17-'09

MESSRS. SMITH BROS.,

Halley Tenn.

Gentlemen:—The Chicken Pox and Sore Head Remedy you sent me is all right and will cure sore head. Cured every bird I used it on.

The above is a part of a lengthy letter written us by Mr. D. C. O'Gwynn, and is a sample of many more we have on file. If you have any disease among your flock, Smith's Remedies will cure them, so tell us your troubles. We use Smith's Remedies every day and guarantee them.

Fancy Poland China pigs \$18.00 per pair. Fox Hound and Fox Terrier pups, none better, \$10.00 per pair.

ADDRESS

SMITH BROS.
HALLEY, TENN.

COCKERELS FOR SALE

R. C. and S. C. R. I. Reds

Good Color and Shape

\$2 to \$10

CRESCENT POULTRY YARDS

CARL H. MESSLER, PROP.
ASHEVILLE, N. C.

FEED LESS GET MORE EGGS Eggs in the summer as well as winter. Let me send you my catalogue of SINGLE COMB WHITE LEGHORNS.

A. P. RYLAND, The Chicken Man
Pine Hill Farm, Pine Bluff, Ark.

RED

CALLAHAN'S CHAMPION
RHODE ISLAND REDS
RED PLUM STRAIN

REDS

"None better in the whole South."
Prize-Winners everywhere shown.
We breed for Shape, that rich red surface and under-color. Eggs and stock for sale. Send 2c for catalogue.
CALLAHAN & SON, EAST POINT, GA.

SOMETHING TO GROW ABOUT

HEN-E-TA BONE-GRITS

NO OTHER BONE NEEDED | NO OTHER GRIT NEEDED
 NO MORE BONE CUTTERS NEEDED

100 LB. BAG \$2.25 | 50 LB. BAG \$1.50

30% PURE BONE ASH

VALUABLE BOOKLET FREE

HEN-E-TA BONE CO.
 NEWARK, N. J. DEPT. 8 | FLEMINGTON, W. VA.

WILL MAKE HENS LAY
 WILL MAKE CHICKS GROW.
 ODDLESS

EADY'S S. C. R. I. REDS



Bred to win in hot competition. If you need any show birds for this season get our price before you buy. We have better birds this year than ever before and can sell you some fine birds at a reasonable price.

WRITE US FOR PRICES
E. W. EADY
 Guntersville, - - - Alabama

TO MAKE ROOM FOR REDS

I WILL SELL 1 PEN OF WHITE ROCKS

10 pullets and hens, headed by a Charleston '08, Cockerel. Eggs from Best Strains of

S. C. R. I. REDS FOR SALE

ERNEST A. MARVIN, White Hall, S. C.

S. C. RHODE ISLAND REDS
 AND
Mammoth Bronze Turkeys

Farm Raised and of the very best blood in the South. Stock or sale.

J. A. AUSTIN, Reagan, Tenn.

PULLETS

Good Single Comb Rhode Island Reds at a sacrifice, while they last.

John W. Brown, Thorn Grove, Tenn.

BLACK LANGSHANS

Imported and home bred stock of the highest type

R. A. HEWES, CRETE, ILLINOIS

BOYS' DEPARTMENT
 ROBERT G. FIELDS

New Remedy for Lice
 Written for The Industrious Hen:

Does the poultry boy discover any new plans or ideas? The answer is yes or no, the same as with the grown people. It depends on the boy. I have discovered something that I never heard of before. I had trouble with lice for a long time. I tried sulphur alone and with lard and it did some good, but was not just the thing I wanted. I then tried lime and sulphur, and this treatment was not a complete success either. Finally I hit upon the right remedy, as follows: Take one teaspoonful coal oil and one-half teaspoonful carbolic acid mixed with about one and a half teacupfuls of sulphur; stir well for at least two minutes and it will make a powder. I caught one of my fowls and dusted it among the feathers. I held the chicken for twenty seconds and then shook it over a clean white paper and there were thousands of lice came off, not one of them being still alive. You may say that I had heard of this before, but such is not the case. If more acid is desired it would be well to use also a teaspoonful of vaseline to keep the preparation from burning the feathers and skin of the fowls.

AMONG OUR ADVERTISERS

A Red Breeder

Mr. E. W. Phillips, of Wellington, O., starts an ad. in this issue. He breeds Reds and is a nice man to deal with.

Wagons by Mail

Anything from a pin to a locomotive, glassware excepted, may be had from the Chicago House Wrecking Co., 35th and Iron Streets, Chicago, Ill. They handle the very best quality of everything needed for the farm, household and factory. Every reader of this journal should send for their big free catalogue. You will wonder at their low prices, 20 to 50 per cent below other catalogue house prices. Mention THE INDUSTRIOUS HEN and tell them to send catalogue No. 160. It's free and will open your eyes to economic buying.

A Reliable Breeder

There is no more reliable breeder of S. C. White Leghorns than A. J. Lawson of Cleveland, O. Parties desiring to purchase should write him.

A Valuable Catalogue

All our readers interested in poultry foods, bulbs, seeds, trees, roses, shrubs, etc., should write to Otto Schwill & Co., Memphis, Tenn., for their fall price list. They are reliable dealers. Mention THE INDUSTRIOUS HEN.

A Progressive Breeder

Parties desiring to purchase S. C. White Leghorns will find it to their advantage to write to W. E. Gabhart, of Bohon, Ky. He has the birds of first quality and they are winners, too.

Wins Cash Premiums

Mr. R. P. Dixon, of Cohutta, Ga., made some creditable winnings at the Bradley County Fair. On S. C. White Leghorns and Pit Games he won \$6.00 in cash premiums winning all firsts on Games and sweepstakes on Leghorns.

THE OLD RELIABLE

Lambert's Death to Lice has no superior, being endorsed by leading poultrymen as the quickest and safest lice killer. Poultry infested with Vermin will not flourish. Use Lambert's Remedies and you will not be disappointed. "Modern Poultry Methods" sent for 2c. stamp.

O. K. Stock Food Co.,
 431 Traders Bldg., Chicago.

Business White Wyandottes

Trap nests used. Every pen headed by a male hatched from an egg laid by a hen that laid not less than 200 eggs that year.

Business Light Brahmas

Same quality
 Stock for sale. Eggs in season.
 Circulars free.

MICHAEL K. BOYER Hammonton, N. J.

ROSE G. BLACK MINORCAS.
COLUMBIAN WYANDOTTES.

Trap nest pedigree layers and exhibition birds for sale. Superb in quality. Are unequaled as egg producers.

S. T. CAMPBELL, Mansfield, O.

Prize-Winning Single Comb R. I. Red Eggs For Sale

Pen No. 1—All select first and second prize hens and pullets and first prize cock; eggs from this pen \$5.00 for 15 eggs. Pen No. 2—Headed by first prize cockerel and all third and fourth prize hens and pullets; eggs from this pen \$3.00 for 15 eggs. Pen No. 3—Headed by third prize cockerel and all goods hens and pullets; eggs from this pen, 15 eggs for \$2.00. Pen No. 4—All good breeding stock; eggs from this pen, 15 eggs for \$1.50. All orders filled in rotation as they come in.

E. R. CASH, CAFFNEY, S. C.

RHODE ISLAND REDS

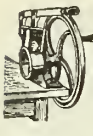
Eggs at one-half price from our Boston, Madison Square Garden, Jamestown and other famous winners. Stock for sale. Send postal for catalog. When looking for the best write

FRANK LANGFORD
 ROUTE 10, NASHVILLE, TENN.

ALEXANDER'S
S. C. RHODE ISLAND REDS
Cockerels for Sale

S. C. ALEXANDER, ASHEVILLE, N. C.

IDEAL ALUMINUM LEG BAND
 To Mark Chickens
CHEAPEST AND BEST
 12 for 15c; 25-25c; 50-40c; 100-75c.
 Sample Band Mailed for 2c Stamp.
 Frank Myers, Mfr. Box 50, Freeport, Ill.



Crown Bone Cutter
Cuts up scrap bones easily and quickly—no trouble. Feed your hens fresh cut green bone daily and get more eggs. Send for catalogue.
Best Made Lowest in Price
WILSON BROS., Box 646, Easton, Pa.

HARP'S S. C. Buff Orpingtons and Buff Cochins Bantams. Breeding stock for sale at a bargain. Some early hatched birds for the fall shows now ready. ROGER V. HARP, Short Street, LEXINGTON, KENTUCKY.

BRODIES CORDIAL
The Ideal Household Remedy
A sure cure for cramps, colic, cholera, diarrhoea, dysentery, cholera infantum, all bowel troubles.
For Poultry
A teaspoonful to each quart of water will be a sure cure or preventative for all bowel troubles.
I. L. LYONS & CO., Ltd., Proprietors
222 to 226 Camp, 529 to 533 Gravier Sts.
NEW ORLEANS, LA.

S. C. W. Orpingtons
THE STRAIN THAT LAYS
EGGS \$2 per 15
NO STOCK FOR SALE
J. C. MOORE
DOTHAN, ALABAMA

TWO BREEDING PENS FOR SALE
To make room for young stock I will sell one pen of Black Orpingtons, headed by Longboat, 1st cockerel at Greater Nashville, 1908, by McClave; and also one pen headed by 1st cockerel, State Fair, 1908, by Pierce. These two Grand Pens will be offered at a reasonable price.
Miss Alice Pelton, Nashville, Tenn.
2209 14th Ave. North

CHOICE POULTRY YARDS
Can furnish you THOROUGHbred CHICKENS, almost any variety you may desire at reasonable prices. SATISFACTION guaranteed or your money refunded, upon return of fowls, and we pay the return express. Agents for Cyphers Incubators and Poultry Supplies.
Call on or address
J. P. SWIFT & SON, Waynesville, N. C.

EGGS FOR HATCHING AND STOCK IN SEASON
From Prize Winners. Eggs \$1.50 and \$1.00. S. C. Mottled Anconas, Rhode Island Reds, Barred Rocks, Brown Leghorns. Toulouse Goose Eggs, 30 cts. each.
L. M. BARRETT, Morristown, Tenn.

Its Value Proven
Asheville, N. C., Sept. 20, 1909.
The value of THE HEN as an advertising medium has been fully demonstrated to me, I am more than pleased with results so far. That the high quality of my fine "Trubar" strain of Barred Rocks is appreciated is proven by the many flattering letters from my customers. I endeavor to always ship just a little better bird than promised, believing that a satisfied customer is the best advertisement on earth, all due apologies to the "HEN."—J. E. Hage.

Holstein Bargains
Whoever misses the prices offered on Young Stock, by Johnson Bible College, Kimberlin Heights, Tenn., misses it for good for such bargains will never be offered again.

The Buff Rock Club
The American Buff Plymouth Rock Club offers as special prizes to every poultry show in the United States and Canada that will publish in their premium list and send copy of same to the undersigned, the following notice: The American Buff Plymouth Rock Club offers as special prizes four handsome silk ribbons, one for best shaped male, one for best shaped female, one for best surface colored male and one for best surface colored female.
Only members whose dues are paid to July 1st, 1910, are eligible to compete for these special prizes. Membership fee is only \$1.00 and this pays up to July 1st, 1910. For information in regard to the Club write William A. Stoltz, Secretary, R. R. No. 19, Indianapolis, Indiana.

National Black Orpington Club Meet
All show secretaries interested in securing the National Club meet should at once communicate with the National Secretary. There will be some special cups offered, including the President's \$50 cup for the most points scored at the National meet by members present; the Secretary-Treasurer's cup for the best pen of cockers and pullets; the President-Secretary-Treasurer's medals for merit and many other valuable prizes will be given to the shows offering the best inducements. Only club members can compete for these prizes. Decision as to location will be made as soon as the show secretaries are heard from with propositions. All communications should be addressed to Milton W. Brown, Station L., Cincinnati, Ohio.

The American Buff Wyandotte Club
The next annual meeting of the Club will be held at Cleveland, Ohio, January 26, 1910, at 2 p. m. This is a central place, members from East and West can easily reach it and we should do our best to make it the best meeting of the Club ever held. We ask that the members make up a nice list of specials and send their birds. Please take some interest in this; do not keep your birds at home for fear you will be beaten. This is our chance to boom our breed as it was never boomed before and we should take full advantage of it. I want to hear from all who will show at the Club meeting.—Henry R. Ingalls, Secretary, Greenville, N. Y.

American Cornish Club
The annual meeting and election of the American Cornish Club will be held in connection with the great International Show at Buffalo, N. Y., Thursday, Jan. 27, 1910.—H. C. Hayes, Sec.-Treas., Eureka, Ill.

A New Poultry Organization
The poultry breeders of Dalton, Ga., and vicinity, have organized The Dalton Poultry Association and will hold a tip-top show in Dalton, Dec. 14-17, 1909. Few localities of the South can boast of more good birds of the several different breeds and varieties than Dalton and Whitfield county, and as a number of the best breeders from abroad have signified their intention of making exhibits a blue won in this show will mean something. Write for catalogue to J. C. SAPP, secretary.



LEG BANDS
Get our samples and prices before buying. Largest and best line on earth.
Smith Sealed. Used by America's leading Fanciers. Prices. 12, 30c; 25, 50c; 60, \$1.00, 100, \$1.50; postpaid.
Leader Adjustable. Smoothest and most secure fastening ever invented. Prices. postpaid, 12, 15c; 25, 35c; 50, 40c; 100, 65c; 250, \$1.50; 500, \$2.75; 1,000, \$5.25. Send stamp for sample. We make other styles.
KEYES-DAVIS CO., Ltd., Mfrs.
Dept 520 Battle Creek, Mich.

LINE BRED BARRED PLYMOUTH ROCKS EXCLUSIVELY
At the Lexington Bluegrass Fair, with 4 birds, won 1st hen, 2d cock, 2d cockerel. At Tenn. State Fair with 4 males, won 1st cock, 2d and 5th cockerel.
Fine Lot of Birds for Sale \$2.00 and up
BELLVIEW POULTRY YARDS
HARROD'S CREEK, KY.


I am now prepared to sell
PEKIN DUCKS
Hatched from my winners at Jamestown Exposition, Madison Sq., Philadelphia, Virginia Poultry Show, etc.
EVELYN HEIGHTS FARM
W. W. Thomas, Prop. Catlett, Va.

LUMLEY'S LANGSHANS
(Black and White), R. I. Reds and Leghorns, (S. C.), Pekin and Indian Runner Ducks. Atlanta and Macon Shows 1908; 13 entries, 8 1st, 4 2nd. Winchester, Tullahoma, Shelbyville and Murfreesboro Fairs, 1909, 22 1st, 1 2nd. Nashville '09, 4 1st, 2 2nd, 1 3rd and 2 4th.
STOCK AND EGGS FOR SALE
W. E. LUMLEY, Tullahoma, Tenn.

S. C. BUFF ORPINGTONS
Imported strain, rich golden buff throughout, up to weight. Mine are winter layers, and win the Blue. Eggs \$2.00 per 15. Stock a matter of correspondence.
MRS. LULA LAWSON
Route 4, Box 2, Cleveland, Tennessee

WE BUY THOROUGHbred POULTRY
Write and Make Us an Offer
J. STECKLER SEED CO., Ltd.
512-516 Gravier St., NEW ORLEANS, LA.
The largest seed house in the South—vegetable, flower, field and grass; fruit trees, roses, everything. Breeders of Fancy Poultry, Swine, Pigeons, Rabbits.

SICK FOWLS
Cholera, Roup, Limber Neck, and Gapes quickly cured, also prevented with Snoddy's Poultry Powder. Death to Hawks. Only remedy known that can be relied upon in perfect safety. \$3.00 case for \$2.50. Write for full particulars with prices. Agents wanted. DR. D. C. SNODDY COMPANY, Box H, NASHVILLE, TENN.



S. C. Black Minorcas
Stock for Sale. Circular Free.
Fred E. Carter, Knoxville, Tenn.
State Vice-Pres. A. B. Minorca Club

**Health, Wealth and Luxury Within
the Reach of the Man of
Moderate Means**

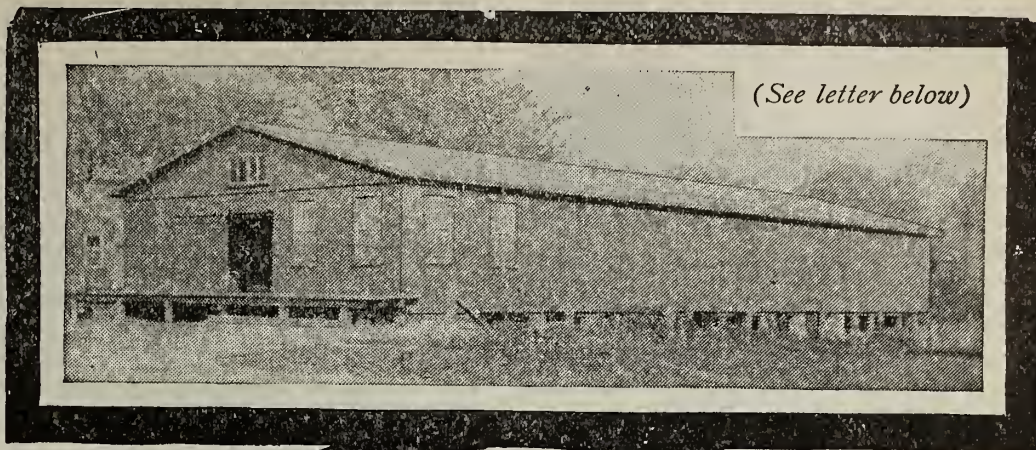
The heading of this article is not an exaggerated statement, as the old settlers, backed by their own practical experience, who have realized all three, *health, wealth and luxury*, in the Everglade section of East Coast and Southern Florida will confirm. Mr. Walter Waldin is owner of Fernview Farm, near Miami, Fla., on edge of Everglades, and he writes as follows: "I have lived here ten years, have had the best of health and no trace of malaria; and on five acres of land (same as Everglades) have averaged \$800.00 per acre net each year for four years. In my opinion too much cannot be said in favor of this great body of land on which perpetual sunshine is cast. "Let them come to Florida by all means, where we have this perpetual sunshine, where we can live outdoors the year round, where they can travel in automobiles on hard roads the year round, and where old people won't die, but must simply wait and dry up. Come, we have room for thousands." Mr. Waldin went there from Iowa where he was raised as a farmer.

Then Mr. D. R. Mosher, of Wichita, Kan., writes, February 20, 1909, to his friend, J. H. English, of Guthrie, Okla. (We make extracts from letter only): "After reading the articles in *Everybody's* and *Munsey's* for month of February, 1909, on 'Gov. Broward' and 'Florida,' I at once determined to see the country, as well as the man so favorably mentioned in these articles." "This is the richest land I ever saw, and does not have to be cleared of timber or brush, and is as level as the plains of Kansas, and is also a land where men make fabulous wealth from a few acres, by raising all kinds of garden truck, not to speak of sub-tropical fruits, which grow in abundance.

"I have the word of many farmers who are farm owners, that it's a very common money yield to take \$1,000 to \$1,500 from one acre of ground in vegetables alone, and that too, on the space between the young orchard trees; and what is more these men *positively* refuse to sell their lands at any price."

"I am buying (he says) a contract for myself, my wife, and one each for my three children. I have been dealing in loans and lands exclusively for ten years and in that time I have never found an investment that equals this one."

Mr. W. W. Prout, who is President of the Miami, Florida, Board of Trade, writes April 28, 1909, over his own signature and on official letter head that he has been cropping there for past thirteen years, and that he gives estimates from his own personal experience, results from his own planting on reclaimed soil. After giving the cost of production and of marketing crops Mr. Prout names the following net income per acre per season, namely, on tomatoes, \$340.00; on beans, \$485.00; on peppers, \$635.00; on pineapples, \$504.00, an bananas, \$879.00. He further adds: "It is my candid opinion from my own personal experience that Everglade lands will not only grow the finest truck, but also all kinds of fruit, bananas in particular, sugar cane without



(See letter below)

Amatite

TRADE MARK 

ROOFING

Colchester, Connecticut, September 4, 1908.

Barrett Manufacturing Company:

Dear Sirs: The Amatite Roofing on my own grain store is giving much better service than I could believe it would at such a moderate price. It is by far the cheapest roofing on the market, when you consider the wearing qualities. Am going to use it on my other building. (Signed)
AMOS C. CASE.

This is a type of hundreds of letters which we get regarding Amatite.

It is better made; has better waterproofing material and weighs more per square foot than any other roofing of the same price.

And Amatite has one distinction which makes it stand out above all others—it has a *real mineral surface* which does away entirely with painting.

No other ready roofings compare with it from the standpoints of low cost, no maintenance cost and absolute protection. Sample and Booklet on request.



BARRETT MANUFACTURING COMPANY
New York, Chicago, Philadelphia, Boston, Cincinnati,
Minneapolis, Cleveland, St. Louis, Pittsburg,
New Orleans, Kansas City,
London, Eng.

SEND FOR BOOKLET **WRITE AT ONCE**

FARMS IN VIRGINIA 10 \$ Per ACRE AND UP

Come to Sunny Virginia. You can buy fertile farms with timber, fruit and water for \$10 per acre and up. Splendid country for fruit growing, dairying, stock-raising and general farming. Fine climate, abundant water, convenient markets and good neighbors. Full information and valuable booklet upon request. Write for it.

F. H. LaBAUME, AGRICULTURAL & INDUSTRIAL AGENT,
NORFOLK & WESTERN RY., Dept. A O Roanoke, Va.

BARRED PLYMOUTH ROCKS

COCKEREL LINE

If you want a cockerel that will make your yards famous in the "BARRED ROCK" class I can furnish you the bird. Remember that my foundation stock is from the best yards in America. Mention just what you require. Money back if I cannot please you.

CLARENCE YOUNG, **Sweetwater, Tenn.**

—SHELTON'S—

BARRED ROCKS

Winners at South's Leading Shows. Bred from Chicago and New York winners. The best in Southland. Eggs after May 1st \$1.50 per 15.

W. T. SHELTON & SON, Antioch, Tennessee

doubt, oranges, grape fruit, and all other native fruit productions."

Those readers of THE INDUSTRIOUS HEN who want health, wealth and luxury, too, can get them by taking advantage of The Florida Fruit Lands Co.'s offerings. This concern is distributing 12,000 of these Everglade farms, (about one-half of which have been sold since March of this year.)

\$240.00 payable \$10.00 cash, and \$10.00 every 30 days pays for one undivided farm, one lot and other rights, and assures 10 acres, but the purchaser may get either 20 or 40 or 80 or 160 or 320 or 640 acres for only \$240.00.

It will not be necessary to have experience as a farmer, or to live there to secure an annual income of \$2,000 and up, as reliable development companies will crop on the shares. Mr. J. M. Cassi, the special commissioner for East Tennessee and East Kentucky can be addressed at the Colonial Hotel, Knoxville, Tenn., by those who care for, and want Health, Wealth and Luxury.

Show Dates

NOVEMBER.

November 1-6, Lake Charles, La. H. K. Ramsey, Secretary.

November 3-6, Columbia, S. C. F. J. Marshall, Judge; A. W. O. e. Secy.

November 8-13, Augusta, Ga. W. A. Herman, Secretary.

November 18-19, Mexico, Mo. E. C. Branch, Judge; L. E. McKee, Secretary.

November 22-27, Beaumont, Texas. H. B. Savage, Judge; J. L. McKinley, Secretary.

November 23-27, Lebanon, Pa. Theo. Wittman Joe Bible, Judges; Samuel Black, Secretary.

November 24-27, McKinney, Tex. Marshall, Davis, Judges; G. M. Alsop, Secy.

November 24-27, Bridgeton, N. J. Bean, Stanton, Holmes, Judges; Paul G. Springer, Secretary.

November 25-27, Honey Grove, Tex. A. S. Galbraith, Secretary.

November 29-Dec 3, Ashley, Ohio. Thos. S. Falkner, Judge; E. C. Slipe, Secretary.

November 30-December 3, Gnadenhutten, O. P. Feil, Judge; F. R. Grey, Secretary.

November 30-Dec 5, Cincinnati, Ohio. Pierce and Brown, Judges; Dr. O. S. Rightmire, Secretary, 4140 Hamilton Ave., Cincinnati, Ohio.

November 30-Dec. 6, Kenosha, Wis. Shellbarger and Hackett, Judges; E. J. Huber, Secretary.

November 30-Dec. 3, Marion, Ohio. Chas. McClave, Judge; M. G. Dickerson, Secretary.

DECEMBER.

December 1-3, McMinnville, Tenn. B. M. Reams, Secretary.

December 1-4, Huntsville, Ala. S. E. Wasson, Secretary.

December 2-6, Rock Hill, S. C. N. H. Brien, Secretary.

December 6-11, Mansfield, Ohio. Chas. McClave, Judge; S. F. Ottinger, Secretary.

December 6-11, Shelbyville, Ind. Ben McCracken, Judge; F. R. Hale, Secretary.

December 6-11, Little Rock, Ark. E. S. Rodman, Secretary.

December 6-11, Newton, Kans. F. H. Shellbarger, K. C. Beck, Judges; E. D. Martin, Secretary.

December 6-11, St. Louis, Mo. W. S. Russett, Chas. H. Rhodes, D. T. Heimlich, Adam Thompson, Judges; T. E. Quisenberry, Secretary Columbia, Mo.

December 6-12, Hamilton, Ohio. W. W. Zike, Judge; W. C. McKenny, Secretary.

December 7-9, Brighton, Ill. Calvin Ott, Judge; J. M. Clark, Secretary.

December 7-10, Ithaca, Mich. W. M. Wise, R. V. O. o. J. dges; E. J. McCall, Secretary.

December 7-11, Upper Sandusky, Ohio. J. P. Cammarn, Secretary.

December 7-11, Washington, D. C. Drevensstedt and Jaquins, Judges; Calvin Hicks, Secretary, Rockville, Md.

December 7-11, Orange, N. J. Drevensstedt Davly Pard e, Stanton, Judges; Bryan K Ogd n Secretary.

Dogs Have Worms! Dogs Have Distemper! Dogs Get Out of Condition!

If you have a good dog, keep him in condition and free from worms and distemper by the use of the C. S. R. Remedies. They are the best on the market today. 50 cents Boxes. Postpaid.

C. S. R. CO., 76 Woodlawn Ave., JERSEY CITY, N. J.

AIREDALE TERRIERS FOR SALE

Litter whelped Jan. 22nd, 1909. Sire, the sensational champion Briar's Masterpiece. Considered by critical judges the best American bred Airedale to date. Dam, the grand imported bitch, Pretty Florrie. Prices \$20.00 and up; also others of good breeding.

TANGLEWOLD KENNELS, PRINCETON, N. J.

SAM M. COOPER

BREEDER OF

HIGH GRADE S. C. R. I. REDS

STOCK FOR SALE

FOUNTAIN CITY, TENNESSEE

AIREDALES AND BUTTERCUPS

Splendid pets, good watch dogs, hunters, trailers, swimmers, retrievers, wild animal fighters, mousers, ratters, vermin, police and pit dogs. Also some very choice Buttercup cockerels to sell of this famous egg breed.

Write, whether you buy or not, to

DR. L. C. TONEY, HUMBOLDT, ARIZ.

H A G E O F F E R S

for the next sixty days, an extra choice lot of his famous "Trubar" pullet-bred cockerels, worth \$10.00 each, at the low price of \$5.00. Never before was such a grand lot of high quality Barred Rock Cockerels offered at such low prices.

They Will Breed You Winners

Order early; if not perfectly satisfied just say so and get your money back. No questions asked, no strings to this offer.

J. E. HAGE, BOX 382, ASHEVILLE, N. C.

Plant Trubars in Your Breeding Yards and Watch the Dollars Grow

"RINGLETS" AND ROCKS FOR SALE

I have a very fine lot of early hatched cockerels and pullets—strictly high class exhibition birds a specialty—line bred for egg production, ideal in shape, size and color, of the following strains:

Thompson's "Ringlets", Duston's Wyandottes, Fishel's White Rocks, Tompkin's and Caswell's R. I. Reds, both combs, Buff Rock Nuggetts, Cook's Buff Orpingtons. My show record has not been excelled. My late winnings at Burlington, Oct., 1909, in a strong class: nine firsts, ten seconds and a number of specials and thirds; won cash special offered by the state. Judge pronounced my R. I. Reds, Barred and White Rocks finest he had handled.

Write for show records and prices.

Dr. J. W. LASLEY, Burlington, N. C.

McINNES' BUFF ROCKS

Some fine Cockerels for sale from \$3.00 up. Some good Pullets too
--- Breeding them ten years ---

G. F. & B. K. McINNES, Charleston, S. C.

THE FAMOUS BARRED PLYMOUTH ROCKS

MADE FAMOUS BY EGG LAYING AND WINNING PRIZES

In 1907-'08 they won 33 Regular and 7 Special Prizes. In 1908-'09 they won 58 Regulars and 8 Special Prizes. Stock for sale, all eligible for the Show Room. No Culls. Write for new price-list. Everything guaranteed to please.

C. H. DOZIER, (Breeder,)

MARION, ALABAMA

The KNOXVILLE STORAGE CO.

SOLE AGENTS, 123 Jackson Avenue, KNOXVILLE, TENN.

CARRY FULL LINE CYPHERS' INCUBATORS AND BROODERS.

Prospective buyers are invited to call or correspond. They can save you money and show goods before you buy

December 7-12, Chicago, Ill. Judges to be announced later; Theo. Hewes, Secretary, 25 West Washington St., Indianapolis, Ind.
 December 8-14, Lebanon, Tenn. S. T. Campbell, Judge; W. A. Hale, Secretary.
 December 13-16, Farina, Ill. Oscar Wells, Secretary.
 December 13-17, Princeton, Ill. W. C. Warnock, Judge; Walter Asche, Secretary.
 December 13-17, Bryan, Ohio. Jas. A. Tucker, Judge; T. E. Schrider, Secretary.
 December 13-18, Meridian, Miss. F. R. Miller, Secretary.
 December 13-19, Beloit, Wis. Calvin Ott, Judge; G. A. Miller, Secretary.
 December 13-18, Aledo, Ill. B. F. Dinwiddie, Judge; H. R. Morgan, Secretary.
 December 14-17, Richland, Iowa. Joseph Dagle, Judge; W. H. Davis, Secretary.
 December 14-17, Dalton, Ga. J. C. Sapp, Secretary.
 December 14-18, Pana, Ill. J. A. Bickerdike, Secretary.
 December 14-18, South Haven, Mich. Oscar Herbster, Judge; M. H. Mackey, Secretary.
 December 14-18, Wapakoneta, Ohio. S. G. Case, Judge; John C. Lear, Sr., Secretary.
 December 14-18, Schenectady, N. Y. I. L. Whitmyre, Secretary.
 December 14-18, South Haven, Mich. H. H. Coburn, Judge; Marshall H. Mackey, Secretary.
 December 15-19, Appollo, Pa. Chas. Gorman, Judge; Geo. L. Rudolf, Secretary, Box No. 117.
 December 15-20, Oconomowoc, Wis. J. A. Tucker and H. Vanselow, Judges; O. R. Eddy, Secretary.
 December 16-18, Pulaski, Tenn. F. J. Marshall, Judge; Lewis Culp, Secretary.
 December 16-18, Van Alstyne, Texas. H. B. Savage, Judge; W. I. McCord, Secretary.
 December 16-20, Monroe, N. C. Lee and Cornwell, Judges; J. H. Beckley, Secretary.
 January 17-22, Galesburg, Ill. Thos. S. Faulkner, Judge; O. L. Judson, Secretary.
 December 20-22, Fairfield, Ill. J. H. Robey, Secretary.
 December 20-24, Bradford, Ill. O. L. McCord, Judge; R. D. Phenix, Secretary.
 December 21-25, Albany, Ind. J. C. Long, Judge; H. Wilson, Secretary.
 December 22-24, Keswick, Iowa. W. G. Warnock, Judge; Roy Irwin, Secretary.
 December 23-24, Lufkin, Tex. R. O. Murray, Secretary.
 December 27-31, Dixon, Ill. Calvin Ott, Judge; A. G. Hill, Secretary.
 December 27-Jan 1, McKeesport, Pa. W. Soles, Secretary.
 December 27-January 1, Lititz, Pa. Jas. H. Breitegan, Secretary.
 December 27-Jan. 1, Young America, Ind. J. C. Long, Judge; A. D. Wood, Secretary.
 December 27-January 1, Newark, O. Ira C. Keller, Judge; Frank Fetter, Secretary.
 December 27-January 1, Canton, Ill. Chas. V. Keeler, Judge; Sid Stevens, Secretary.
 December 27-January 1, Salina, Kans. J. C. Clipp, Judge; Sam E. Hoover, Secretary.
 December 28-January 1, Dayton, O. W. C. Pierce, Judge; E. M. Abbott, Secretary.
 December 28-Jan. 1, South Bend, Ind. Theo. Hewes and F. C. Freyermeth, Judges; Paul Heierman, Secretary.
 December 27-Jan. 3, Omaha, Neb. Shellenbarger and Rhodes, Judges; F. C. Ahlquist, Secretary.
 December 28-31, Elmore, Ohio. G. A. Weis, Secretary.
 December 29-Jan. 1, Rochester, Ind. W. W. Zike, Judge.

JANUARY, 1910.
 January 3-7, Sylvania, Ohio. Stanfield, Mulinix and Emch, Judges; W. B. Harris, Jr., Secretary.
 January 3-8, Polo, Ill.
 January 4-7, Edon, Ohio. J. C. Long, Judge; S. D. Kaiser, Secretary.
 January 4-7, Taoma, Wash. J. C. Clipp, Judge; Seth W. Greer, Secretary.
 January 4-8, Baltimore, Md. Drevensedt, Denny, Schwab, Minnich, Bruce, Judges; Geo. O. Brown, Secretary.
 January 5-8, Allegan, Mich. H. A. Emmel, Judge; W. H. Warner, Jr., Secretary.
 January 3-8, Michigan City, Ind. D. A. Stoner, Judge; A. L. Peterson, Secretary, 409 Earl Road.
 January 4-10, Lynn, Mass. J. R. Elliott, Secretary, 40 Bassett St.
 January 5-8, Knoxville, Tenn. D. M. Owens and H. W. Blank, Judges; J. E. Jennings, Secretary, No. 202 W. 5th Ave.
 January 5-10, Oshkosh, Wis. Jas. A. Tucker, W. S. Russell, Judges; Carl H. Kripone, Secretary.
 January 10-15, Defiance, Ohio. J. C. Long, Judge; W. O. Steves, Secretary.
 January 10-16, Denver, Colo. J. R. Wilson, Secretary, care of Denver Dry Goods Co.

January 10-15, Bloomington, Ind. Ben McCracken, Judge; W. J. Von Berrin, Secretary.
 January 10-15, Rochester, N. Y. Webb, Denny, Gardner, Stanton, Cornish and Maunder, Judges; F. A. Newman, Secretary, P. O. Box 472.
 January 10-15, Salt Lake City, Utah. Chas. V. Keeler, Judge; C. J. Sanders, Secretary, 3335 South 7th St.
 January 10-16, Ames, Iowa. S. T. Campbell and Mills, Judges; J. B. Kooser, Secretary.
 January 10-16, Columbus, Ohio. G. R. Haswell, Secretary, Circleville, Ohio.
 January 10-16, Kansas City, Mo. Pierce, Rhodes and Hewes, Judges; P. H. DePree, Secretary.
 January 11-15, Spokane, Wash. J. C. Clipp, Judge; H. J. Fuller, Secretary.
 January 11-15, Evans City, O. J. E. Gault, Judge; W. R. Baker, Secretary.
 January 12-14, Herndon, Va. A. K. Kirk, Secretary.

AT STUD Chief Wonder A. K. C. 86883. Fee \$15.00. A cobby built, big boned son of Ch. Woodcote Wonder, most famous bull terrier of his day. A few choice puppies sired by Chief ex Pharmacy Queen; she by Fire Chief.
NAVAJO TERRIER KENNELS,
 1923 W. 35th Ave., DENVER, COLO.

Collies and Airedales
 We have a few puppies of each breed left; and from the best stock to be had. All our pups are subject to registration. Book orders now. Prices reasonable.
KNOX COLLIE KENNELS, Knoxville, Tenn

Wilson's White Leghorns.

ON ACCOUNT of heavy sales during the past three months, I will have only a few choice Cockerels for sale this fall. Anticipating a very large volume of business in Spring 1910, I will this winter, enlarge my plant to thirble its present capacity and be ready for the rush. For the past three years I have sold Eggs for hatching in almost every Southern State and every customer is satisfied and well pleased.

When You Think of Leghorns, Think of Wilson's White Leghorns

THEY PAY

James A. Wilson, Oliver Springs, Tennessee



FOGG'S S. C. W. LEGHORNS

Are guaranteed to please you or they may be returned and we will return your money and pay return charges on the birds.

We can please you in show birds or breeders, if you want something in good single birds, pairs or larger numbers.

We sell what we advertise

The Best in S. C. White Leghorns

Our Catalogue is free. Write for it NOW.

N. V. FOGG
 Box A, Mt. Sterling, Kentucky

BOYD'S S. C. BROWN LEGHORNS

Winners last season in the hottest competition. Young stock of even higher quality that will help you out in the show room. Better get the pick of the flock before they are gone. Satisfaction or money cheerfully refunded.

DR. H. T. BOYD
 SWEETWATER = = = TENNESSEE

January 13-19, Richmond, Va. J. H. Drevnstedt, C. K. Graham, F. S. Morrison, Judges; W. R. Todd, Secretary.

January 14-18, Charlotte, N. C. W. Theo. Wittman, Judge; E. G. Wardin, Secretary.

January 17-21, Hastings, Neb. Rhodes, Ellison and Johnson, Judges; L. P. Ludden, Secretary, Lincoln Neb.

January 17-21, Wooster, Ohio. Chas. McClave, Judge; Phil. U. Rice, Secretary.

January 17-22, Cedar Rapids, Iowa. Shellabarger, Keeler and Shanklin, Judges; S. M. Wiley, Secretary.

January 17-22, Franklin, Ind. W. W. Zike, Judge.

January 17-22, Lowell, Ind. Ben McCraekcn, Judge; Frank Malloy, Secretary.

January 17-22, Akion, O. J. W. Gauthier, Secretary.

January 18-22, Logansport, Ind. J. C. Long, Judge; Wm. Grace, Jr., Secretary.

January 18-22, Van Wert, Ohio. A. B. Shaner, Judge; R. P. Everly, Secretary.

January 19-22, New Brighton, Pa. A. F. Shaner, Judge; cmfwy Kdt6 'p5Reo Kummer, Judge; J. Mays Ecoff, Secretary.

January 24-29, Delevan, Wis. W. S. Russell, Judge; J. M. Blackford, Secretary.

January 25-29, Buffalo, N. Y. C. J. Standart, Secretary, 309 Brisbane Building.

January 24-30, Toledo, Ohio. Butterfield and Mulinix, Judges; Frank W. Hoff, Secretary, No. 1407 Champlain St.

January 25-29, Cleveland, Ohio. J. T. Conkey, Secretary.

January 25-29, Parkers Landing, Pa. W. C. Pierce, Judge; J. S. Brady, Secretary.

January 25-29, Versailles, Ohio. J. C. Long, Judge; Forest Murphy, Secretary.

January 26-Feb. 1, Havana, Ill. D. T. Heimlich, Judge; T. B. Drisko, Secretary.

FEBRUARY, 1910.

February 8-11, Indianapolis, Ind. W. W. Zike, Pierce, Tucker and Kummer, Judges; Charles Milhous, Secretary, 2133 South Meridian St.

February 8-12, Charleston, W. Va. M. S. Gardner, Judge; F. T. Meldahl, Secretary.

February 15-19, Anderson, Ind. Ewald and Heimlich, Judges; M. M. McCullough, Secretary.

1 pen. Dr. James I. Ross, 1 ck; 1, 2, 4, 5 hen.

Columbian Wyandottes—T Reid Farrish, Nashville, 2, 3 ck; 2, 3, 4, 5 ckl; 1, 3, 5 hen; 1, 2, 3 pen; 1, 2 pul. Prof G W Martin, Nashville, 1 ck; 2, 4 hen; 3 pul. Mrs Lou Lusky, Nashville, 1, 4 ck; 4, 5 pul.

S. C. Rhode Island Reds—H I, Aymett, Pulaski, 5 hen; 4 ckl; 5 pen. E F Anderson, Clinton Miss., 1 ck; 2, 5 ckl; 1, 3 hen; 2, 3 pen. Mrs Frank Davis, Nashville, 1, 2, 3, 4, 5 pul; 1 pen. J. O. Norton, Nashville 3 ck; 4 ck. James S Frank, Nashville, 1 ck; 2, 4 hen; 2, 3 ck; 4 pen.

Brahmas—H H Chilton, Harrodsburg Ky., 1 ck; 1 hen; 1 ckl; 1, 2 pul; L Sedivi, Nashville, 2, 3, 4, 5 hen; 2 ck.

Buff Cochins—Hill Crest Farm, Nashville, 1 ck; 1 ckl; 1 pul; 1, 2 pen; 1 hen.

White Cochins—Grandview Poultry Yards, Nashville, 2 ck; 1, 2, 3, 4 hens; 1, 3 pen. South Lawn Poultry Pens, Nashville, 1 ck; 1 ckl; 1, 2, 3, pul; 2 pen.

S. C. Brown Leghorns—Dr H T Boyd, Sweetwater, 1, 2, 4, 5 hen; 2, 4 ckl; 1, 2, 4, 5 pul; 1 pen. I B Shumate, Antioch, 2 pen. J W Leeman, Henderson's Cross Roads, 1, 3 ckl; 3 pul; 1 ck; 3 hen. Smith Bros., Haley, 2 ck.

S. C. Buff Orpingtons—Jas H Wheeler, Bohon, Ky., 3 ck; 3 pul; 2 pen. A B Carter, Indianapolis, Ind., 1, 2, 3 hen; 1, 2 pul; 1, 4, 5 ckl; 1 pen. G B Morehead, Lynchburg, 2 ckl, 4 pul. J S Seagraves, Lebanon, 1 ck. J C Dennie, Nashville, 5 pul; 3, 4 pen. Gordon Martin, Nashville, 2 ck.

S. C. Black Orpingtons—Park Poultry Pens, 1, 2, 3, 4 ck; 1, 2 hen; 1, 2, 4, 5 pul; 3 ck; 1 pen. Eugene Lewis, Pulaski, 1 ckl, 3 pul.

Licensed A. P. A. Poultry Judges
Name and address will be printed under this head one year for \$2.
F. J. Schocke, R. 5 Salem, Ind.
J. C. Clipp, Saltillo, Ind.
S. T. Campbell, Mausfield, Ohio.
T. I. Bayne, Knoxville, Tenn.
S. B. Johnston, Fairland, Ind.

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Tennessee State Fair Poultry Show Awards

The fourth annual exhibition of the Tennessee State Fair Poultry Show at Nashville, Sept. 20-25, 1909 was by far the largest and best in the history of this great Fair.

The quality was the best ever seen in a Southern show room, the attendances were enormous from beginning to end. Thousands of dollars changed hands at this show this year, the Tennessee State Fair Show being known as one of the greatest market places for pure bred poultry in the country. Many breeders from all over the country attended, and the general opinion was that the Tennessee State Fair Show is the greatest State Fair show in America.

The judging was done by Theodore Hewes, of Indianapolis, Ind., A. S. Kummer, of Butler Pa., Geo. Heyl, of Chicago, Frank J. Marshall, of Atlanta, Ga., and P. F. Hager, of Nashville, Tenn. Their work gave entire satisfaction. The work of E. L. Doak, Assistant Superintendent, and Sanford McFerrin, receiving and shipping clerk was done in a thoroughly systematic way, and not a single complaint was registered from the beginning to the end of the big show. John A. Murkin, Manager of the Poultry Section of the Tennessee State Fair Poultry Show, is already at work on plans for bigger and better things next year. Following is the official list of awards. Where no State is shown, Tennessee is understood.

Barred Plymouth Rocks—J. K. Grigg, Mt. Juliet 4 ckl; 2 cock; 3 hen; 3 pen. J. H. Gill, Springfield, 1, 2, 3, 4, 5 pul; 1, 2, 4 hen. Belleview Poultry Yards, Harrods Creek, Ky., 1 ck; 2, 5 ckl. R. H. Young, Lebanon, 3 ck; 3 ckl; 2 pen. Belmont Farm, Smyrna, Ga., 1 ckl; 1 pen.

White Plymouth Rocks—J S Gwin, Lexington, Miss. 1 ck, 1 ckl, 3 pul, 2 pen. A H Bonner, Morriston, 2 hen. Sanford McFerrin, Springfield, 2 ckl, 2 and 5 pul. S C Ebbetts, Gadsden, Ala. 1 hen, 1 pul, 3, 4 ckl. Sam K Nance, Nashville, 4 pul, 1 pen. George A Mann, Nashville, 3 and 5 hen, 2 ck. Smith Bros Haley, 4 hen, 3 ckl.

Buff Plymouth Rocks—W P Hofferbert, Gadsden, Ala., 2, 3 hen; 2, 3 ckl; 1, 3, 4 pul; 1 ck. V Barrow, Nashville 1 hen, 1 ckl, 2 pul, 1 pen.

Silver Wyandottes—Byrd Bros, Nashville, 1 ckl; 1, 2, 3 pul; 1 hen; 1 ck; 1 pen. M W Omohundro, Nashville, 2 and 3 hen; 3 pul.

Golden Wyandottes—G A Harrison, Nashville, 2 ck; 3 hen; 1 ckl; 1, 2, 3, 4 pul;

200 BUTTERCUPS

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All extra fine young stock. Eggs at reasonable Prices

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Cato's Hall.

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L. C. MARSH, Prop.

Peerless Poultry Yards, Washington, Miss.

HOUDANS OF QUALITY

FINE LOT of young stock now ready for shipment. I can furnish winners for any competition. Also a fine lot of breeding stock for sale at reasonable prices. Write us your wants.

DR. G. W. TAYLOR, BOX H., ORLEANS, IND.

White Wyandottes—Edw. M Gardner, Nashville, 1 ck; 2, 3 pul; 3 pen. R H Young Lebanon, 5 hen; 4, 5 pul; 2 ckl. J S Seagraves, Lebanon, 2 pen. West Morton, Nashville, 1, 2 hen. E A Sullivan, Nashville, 1 ck; 3, 4 hen; 1 pul; 1 pen.

Buff Wyandottes—R C Richey, McKenzie, 1 ck; 2, 4 hen; 1 pul. Hill Crest School Farm, Nashville, 5 ckl. M B Maloy, Nicholasville, Ky., 2 ck; 1, 2 ckl; 1, 3, 5 hen. J C Green, Gadsden, Ala., 3, 4 ckl; 2, 3, 4, 5 pul.

Rose Comb Rhode Island Reds—McMinnville Poultry Ranch, McMinnville, 2 pul; 1 hen; 5 ck; 2 ck; 2 pen. A P Dorris, Springfield; 4 pen. Hale & McCartney, Lebanon, 1 ck; 1, 2, 3, 4 ckl; 2, 3, 4, 5 hen; 1, 3, 4, 5 pul; 3 pen. E W Allen, Nashville, 1 pen.

Black Langshans—Mrs H A Utley, Goodlettsville, 3 ckl; 1 pen. H S Noblitt, Orleans, Ind., 2 ck; 3 hen; 1 ckl; 3 pul. B M Rice, Nashville, 1, 2 pul; 2 hen; 2 pen. W E Lumley, Tullahoma, 1 ck; 1, 4 hen; 2 ckl; 4 pul.

White Langshans—H L Noblitt, Orleans, Ind., 1 hen; 1 pul.

S. C. White Leghorns—W R Essex, Nashville, 3 ckl; 3 ck; 3 pen. W E Gabhart, Bohon, Ky., 1 ckl; 2 pul; 3 hen. Belmont Farm, Smyrna, Ga., 1 ck; 2 ckl; 1, 2 hen; 3 pul; 1 pen. West Morton, Nashville, 2 ck; 4 5 hen; 4 ckl; 1 4 5 pul.

S. C. Buff Leghorns—E L Wilson, Columbia, 1 ck; 1, 2, 3 pul. Frank Noble, Nashville, 1 ck; 2, 3 ckl; 1, 2 pen.

S. C. Black Minorcas—S M Franklin, Nashville, 2 ck; 2 ckl; 2, 3 pul. J C Vaughn & Co., Lebanon, 1 ck; 1 ckl; 1 pul; 1, 2 hen; 1 pen. A H Bonner, Morrison, 3 ckl; 4, 5 pul.

Blue Andalusians—A P Dorris, Springfield, 3 ck, 3 hen, 2 pul. Prof G W Martin, Nashville, 1, 3, 4, 5 pul; 1, 2 hen; 1, 2 ck; 1 pen.

Aconas—J B Dismukes, Lebanon, 1 ckl, 1 hen.

S. C. White Orpingtons—Lawrence Jackson, Hayesville, Pa., 1 hen, 2 pul, 3 ckl. Will Thurman, McMinnville, 1, 3, 4, 5 pul; 1, 2 ckl.

Houdans—Dr G W Taylor, Orleans, Ind., 1, 2, 3, 4, 5 ck; 1, 2, 3, 4, 5 hen; 2, 4 ckl; 1, 3, 4, 5 pul; 1, 2, 3 pen. J T Leeper, M.D. Lenoir City, 2 pul; 1, 3, 5 ckl.

Buttercups—C P Sheffield, Nashville, 1 ckl, 1 pul.

Rose Comb Black Bantams—J C Vaughn & Co., Lebanon, 1 ck; 1, 2, 3, 4 hen; 1 ckl; 1 pul.

Bourbon Red Turkeys—Stella McLaughlin, Portland, 1 ck; 1 ckl; 1 hen.

Chinese Geese—Hill Crest School Farm, Nashville, 1 ck; 1 ckl; 1 hen; 1 pul. W I Gresham, Murfreesboro, 2 ckl; 2 pul.

Silver Duckwing Bantams—Carlisle Cobb, Athens, Ga., 1 ck.

Silver Seabright Bantams—T H McNish, Jr., Nashville, 3 ck; 1 hen. Hill Top Farm, Nashville, 1 ck; 1 pul. Joe Swint & Son, Nashville, 2 ck.

Toulouse Geese—H C Davidson, Obion, 3 hen. J M Grasham, Smyrna, 2 ck; 3 ckl; 1 hen; 4 pul. Miss Nora Wright, Hendersonville, 3 ck. W B Harding, Murfreesboro, 1 ckl; 1, 2 pul; 1 ck; 2 hen. Mrs Lou Lusk, Nashville, 4 ck; 4 hen; 2 ckl; 3 pul.

Embden Geese—H C Davidson, Obion, 3 ck; 3 hen. W H Robinson, Auburn, 1 ck; 1 hen; 1 ckl; 1 pul. Miss Nora Wright, Hendersonville, 2 ck; 2 hen. W B Hardings, Murfreesboro, 2 ckl; 2 pul.

White Muscovy Ducks—Mary Tom Warner, Nashville, 1 ck; 1 hen.

Colored Muscovy Ducks—Belmont Farm, Smyrna, Ga., 1 ck; 1 ckl; 1 hen; 1 pul.

Pekin Ducks—O'iver Rutherford, Eutaw, Ala., 2 ck; 1 ckl; 2 hen; 1 pul. W H Robinson, Auburn, 1 ck; 1 hen. J C Dennie, Nashville, 3 ck; 3, 4 hen; 2 ckl; 2 pul.

M. B. Turkeys—W I Gresham, Murfreesboro, 2 ck; 1 ckl; 2 pul. Young & Waters, Lebanon, 1 ck; 1, 2, 3 hen; 1 pul; 2 ckl. W B Harding, Murfreesboro, 4 hen; 3, 4 ckl; 3, 4 pul. Mrs Lou Lusk, Nashville, 3 ck.

Rouen Ducks—Mrs O J Hayes, West Nashville, 3 ckl; 3 pul; 3 hen; 3 ck. Mrs Lou Lusk, Nashville, 1, 2 ck; 1, 2 hen; 1, 2 ckl; 1, 2 pul.

White Game Bantams—T H McNish, Jr., 2 ck; 2 hen.

Golden Seabright Bantams—Hill Top Farm Nashville, 1 pen, 1 ck; 1 hen. Joe Swint & Son, Nashville, 2, 3 ck; 2 hen; 1 ckl; 1, 2 pul.

Buff Cochin Bantams—Hill Top Farm, Nashville, 1 ckl, 4 hen, 3 pen. Belmont Farm, Smyrna, Ga., 2 ck; 4 ckl; 1, 2 hen; 1 pen; 1, 5 pul. Willis B Lincoln & Son, Nashville, 3 ck, 3 pul, 2 pen. G E Finnegan,

Nashville, 5 pen. P F Hager, Nashville, 5 ck; 4 pen. Joe Swint & Son, Nashville, 1, 3 ck; 3, 5 hen; 2 ckl; 2, 4 pul.

Japanese Bantams—Belmont Farms, Smyrna, Ga., 1, 2 ck, 1 hen.

Red Pyle Game Bantams—C H Tritschler, Nashville, 1 ck, 1 hen. P F Hager, Nashville, 1 ckl, 1 pul.

Black-breasted Red Game Bantams—Belmont Farm, Smyrna, Ga., 1 ck; 1 ckl; 1, 2 pullet, 1 pen; 1, 2 hen.

Indian Runner Ducks—Mrs. D M Brakefield, Adairville, Ky., 1 ck; 1, 2 hen. W E Lumley, Tullahoma, 2 ck, 3 hen, 1 ckl, 1 pul.

White Cochin Bantams—P F Hager, Nashville, 1 ck, 1 hen.

Black Cochin Bantams—P F Hager, Nashville, 2, 3 ck; 1, 2, 3, 4, 5 ckl; 1 pen. Hill Top Farm, Nashville, 1 ck; 1, 2, 3 hen.

Brown-Red Game Bantams—Joe Swint & Son, 1, 2 ck; 1 ckl; 1 hen; 1 pul.

White Crested Polish—Bearded—Joe Swint & Son, Nashville, 1 hen.

White Crested Polish—Joe Swint & Son, Nashville, 1 hen.

\$50 in gold and \$50 Tennessee State Fair cup, for the best and largest display of any one breed went to Dr. G. W. Taylor, Orleans, Ind., on Houdans; second, \$25, to Hale & McCartney, Lebanon, on R. C. Rhode Island Reds; third, \$15, to T. Reid Parrish, Nashville, on Columbian Wyandottes; fourth, \$10, to Park Poultry Pens, Alice R. Pelton, Mgr., Nashville, on Black Orpingtons, and fifth, to A. B. Carter, Indianapolis, Ind., on S. C. Buff Orpingtons.

Bantam Specials—First, \$10, for largest and best display of Bantams to Joe Swint & Son, Nashville; second, Belmont Farm, Smyrna, Ga.; third, P. F. Hager, Nashville.

Pigeon Specials—First, \$7, for largest, and best display to Ridge Top Pigeon Farm, Ridge Top; second, \$5, to C. H. Tritschler, Nashville; third, \$3, to Mrs. Lou Lusk, Nashville.

INCUBATOR OIL

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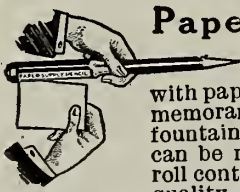
If you desire the best Rhode Island Reds, Rose or Single Comb

WELLINGTON REDS

will please you because they **WILL WIN FOR YOU**

Fine lot of young birds for sale. Tested yearling breeders. Prices right. Write for circular and price list.

E. W. Phillips, Box R., Wellington, O.



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Just out. The only Pencil made that supplies you

with paper instantly for taking down memorandums, etc. Same size as fountain pen. Made of Aluminum, can be refilled instantly with extra roll containing 6 feet of paper. First quality Pencil packed in box with

two extra rolls of paper, 25c. postpaid. Order at once. **O. K. SUPPLY CO., 11-Y Sacramento Blvd., Chicago.**

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REDS THAT ARE RED

SINGLE COMB EXCLUSIVELY

We have nearly one thousand well matured, early hatched pullets and cockerels that we are now offering at very low prices. Pullets from \$1.00 up and cockerels at \$2.00, \$3.50 and \$5.00. Also have a nice bunch of strictly exhibition stock to spare at moderate prices for early fall shows. Birds that will win anywhere. 35 regular and special prizes at last two State shows gives some idea of the quality of our stock. Ask for free circular.

LAKEMONT POULTRY FARM

WARD & LANE, Proprs. Box 57 WINTER PARK, FLA.

RIDGE VIEW FARM



RHODE ISLAND REDS

STOP at the SIGN of the RED HEN. Get EGGS to HATCH or HENS that LAY. Ridge View Farm Rhode Island REDS—Best Utility Reds in U. S. Get our SPECIAL OFFER.

ALFRED G. CLARK Willoughby, Ohio

JOHNSON'S WYANDOTTES, WHITE AND GOLDEN GRAND PRIZE WINNERS

Breeding stock cheap. Some grand early hatched birds ready for fall shows. Write us your wants. **W. E. JOHNSON & SON, BOX A, LEXINGTON, KENTUCKY**

Turkey Specials—First, \$10, for largest and best display, to Young & Waters, Lebanon; second, \$7, to W. B. Harding, Murfreesboro; third, \$3 to Miss Stela McGlouglin, Portland.

Nashville Banner Special—\$25.00 in gold for best pen of chickens in Mediterranean, American and Asiatic class, competition limited to Tennessee, Alabama and Kentucky, was awarded to Mrs. Frank Davis, of Nashville, on S. C. Rhode Island Reds.

Tennessee Breeding Pens—\$5 in gold to each of the following breeding pens, for best in the show: Barred Rocks, J. W. Gill, Springfield; White Rocks, Sam Nance, Nashville; Buff, Plymouth Rocks, V. Barrow, Nashville; Silver Wyandottes, Byrd Bros., Nashville; Golden Wyandottes, G. A. Harrison, Nashville; White Wyandottes, E. A. Sullivan, Nashville; Columbian Wyandottes, T. Reid Parrish, Nashville; S. C. Rhode Island Reds, Mrs. Frank Davis, Nashville; Black Langshans, Mrs. H. A. Utley, Goodlettsville; Brown Leghorns, Dr. H. T. Boyd, Sweetwater; White Leghorns, West Morton, Nashville; Black Minorcas, J. C. Vaughn, Lebanon; S. C. Black Orpingtons, Park Poultry Pens, Nashville.

Cup Specials—\$25 cup for best pen in show, Mrs. Frank Davis, on S. C. Rhode Island Reds. \$25 cup for best pullet in show, to S. C. Ebbetts, of Gaden, Ala. on White Rocks. \$15 cup for best cockerel in show, to J. M. Frank, Nashville, on S. C. Rhode Island Reds. \$10 cup for best ten pullets in show, Mrs. Frank Davis, Nashville, on S. C. Rhode Island Reds. \$10 cup for best cock in show, to E. L. Anderson, Clinton, Miss., S. C. Rhode Island Reds. \$10 silver cup for best hen in show to West Morton, Nashville, on White Wyandotte. Grand American Poultry Association Medal for best cockerel in American, Mediterranean and English classes, to J. M. Frank, Nashville, Tenn., on S. C. Rhode Island Reds.

A diploma was awarded J. H. Wilkes & Co., manufacturers of Sunshine Poultry Feed, for best exhibit in the show.

To Secretaries

The American Black Minor a Club and International Rose Comb Black Minorca Club offer special ribbons each for 1st prize cock, hen, cockerel, pullet and pen of each variety. Competition open to members of the Club and to breeders who apply, with \$2.00 for membership before the show opens. The number of ribbons won will be credited to each winner in the Club catalogues, and championship will be awarded to each winner of the largest number of ribbons in the state. Geo. H. Northup, Secy-Treas., Middle Granville, N. Y.

Orange, N. J., Show

The second annual show at Orange, N. J., will be held December 7th to 11th. They have a splendid show hall 100x150 feet with forty foot ceiling, excellent light, ventilation, etc. The first year there were over 1200 birds shown, which indicates the popularity of and demand for this new show venture. See list of judges under show dates.

Charlotte, N. C., Show, January 14-18, 1910

This association is putting forth every effort to make its thirteenth annual show the best yet held. The Charlotte Association is the oldest in the Southern States, and when its first show was held, breeders of Standard bred poultry in this section were few and far between. Each succeeding show has been larger and more successful than the one preceding, and the influence exerted by the members of this unique organization has been the means of adding thousands to the ranks of the thoroughbred breeders. Write E. G. Wardin, Sec., Charlotte, N. C., for premium list and entry blanks.

On to Chicago

Final arrangements have been made for the great Chicago show to be held under the auspices of the Great Mid-West Poultry and Pet Stock Association. The Coliseum building has been leased including the Annex and every department of this great show will be under an expert superintendent whose duty it will be to look after every detail that goes to make a strictly down to date exhibition.

National White Wyandotte Club

At a meeting of the above club held at Niagara Falls, N. Y., August 11th the officers elected for the ensuing year were: Chas. D. Cleveland, president, West Orange, N. J.; John S. Martin, vice-president, Port Dover, Can.; F. S. Hawn, Secretary-treasurer, Youngstown, O. Chicago was selected as the place for the winter meet. \$100.00 cash premiums will be given to each the Chicago and New York shows. The finances of the Club are in good condition, with a neat balance in the treasury.

Augusta, Ga., Show

The tenth annual exhibition of the Augusta (Ga.) Poultry Association will be held November 8th to 13th. Judges: Dr. S. J. Fairbank F. J. Marshall, S. T. Lea; J. W. Killingsworth, superintendent; W. A. Herman, secretary. This will be a good show and we advise every breeder to send for premium list and entry blanks. Entries close Nov. 1. We have just received their catalogue, and, judging from the number and variety of the advertisements appearing therein, Georgia people are thorough believers in the use of printers' ink as a means of calling the attention of the buying public to all lines of business.

Missouri State Show at St. Louis

This show will be held in St. Louis Dec. 6-11. The State Poultry Board is back of it with a \$10,000 appropriation by the State, and a great show is assured.

Spartanburg Poultry and Pet Stock Association

WILL HOLD ITS 2ND ANNUAL SHOW

Nov. 30, Dec. 1-2

Judge Geo. O. Brown.

Attractive list of cash and special prizes, including number of handsome silver cups. Coops furnished free.

C. W. Anderson, Sec., Spartanburg, S. C.

GABHART'S S. C. WHITE LEGHORNS

The recognized champions of Kentucky. The great prize winning and laying strain. Have won more prizes at Kentucky's best shows in the last six years, than all others combined, under such judges as McClave, Zike, Heimlich, Shellabarger, Heck, Pierce, and Drevenstedt. Young stock to meet any competition at reasonable prices, also a limited number of yearling hens.

W. E. GABHART, Box M, Bohon, Kentucky

SINGLE COMB RHODE ISLAND REDS

won in Nashville, Sept., 1909, first cockerel, 2nd and 3rd cock, 2nd and 4th hen, 4th pen; also Silver Cup, American Poultry Ass'n Medal and Diploma for

BEST COCKEREL IN THE SHOW.

Have 30 nice cockerels for sale ranging from \$5 up. Do not ask me what I have but write what you want. Satisfaction guaranteed.

JAMES M. FRANK, - - 510 CHURCH ST., NASHVILLE, TENN.

FOR SALE AT ONCE

Premium S. C. R. I. Reds, direct descendants from Madison Square Garden Winners; These birds were shown in 1908 at Frankfort, Lexington, Louisville, Bowling Green, Lebanon and Harrodsburg, Ky., Knoxville and Memphis, Tenn., winning the following premiums: 2 silver cups, 31 ribbons, 1 diploma and 4 special badges. Also for sale 40 pullets and cockerels, this season 1909 stock from these birds.

Red Hen Poultry Yards, Mrs. L. B Cook, (Admx.) Stanford, Kentucky

TERRELL'S S. C. RHODE ISLAND REDS

If you want prize winners for the early shows they are ready now. Fancy breeding stock ready to ship. Cockerels growing. Pullets laying. Write for list of winnings. I can please you.

L. K. TERRELL, BIRMINGHAM, ALA.

Breeder of R. C. RHODE ISLAND REDS

For six years have never lost out in the show room. A nice lot of breeding stock for sale cheap to make room. Eggs balance of season \$1.00, \$1.50 and \$2.00 per 15. Young stock for sale after October the first.

S. L. ALLEN, R. F. D. No. 2, MARIETTA, GEORGIA

GOLDEN WYANDOTTES

MY PRIZE WINNERS FOR SALE, ALSO EGGS

WRITE FOR PRICES

W. H. LORD, ASHEVILLE, N. C.

AMONG OUR ADVERTISERS

Airedale Dogs

Those desiring to purchase thoroughbred Airedale Dogs will do well to correspond with D. E. Tate, 312 W. Jackson St., this city. Mr. Tate has some young stock of this great breed of dogs for sale, and he is a man with whom it will please you to deal. Airedales are considered by many to be in some respects the most remarkable dogs in existence and Mr. Tate is able to supply the very best to be had. Look up his advertisement.

Wyandotte Winners

As Wyandotte breeders, W. E. Johnson & Son, Lexington, Ky., are sure winners every time. At the Kentucky State Fair they won on White Wyandottes: 1st and 2nd hen; 1st and 2nd pullet. On Golden, 3rd hen and 3rd pullet, and a number of specials on both varieties, among them being one for the largest number of firsts and seconds on any one variety, not less than ten birds to count.

A Winner at Tullahoma

C. W. Eady, Guntersville, Ala., breeder of Single Comb Rhode Island Reds, won at Tullahoma Fair: 1st, 2nd, 3rd cock; 1st, 2nd cockerel; 1st, 2nd, pullet, and 1st pen, in hot competition.

A Change of Name Only

It is announced that the old reliable firm of Darling & Co., of Long Island City, N. Y., will hereafter be known as The Van Iderstine Co. The new concern will manufacture the same products and use the same processes as the old company, and the high standard of their goods will be maintained.

Barred Rocks That Win

We call special attention of our readers to the ad of the Bellview Poultry Yards, of Harrods Creek, Ky., which will be found elsewhere in this issue. They breed Barred Rocks exclusively and it is safe to say that better birds are not easy to find. Look up their ad and note their winnings at Nashville and Lexington. The record speaks for itself. If you want the best, write them, mentioning THE INDUSTRIOUS HEN.

Jewelry for Poultrymen—and Others

There is no more reliable firm of jewelers anywhere than Hope Bros., Knoxville, Tenn. This is an old established firm and one of the leading business houses of Knoxville. They handle a complete line of watches, diamonds, jewelry, silverware and such other goods as are carried in stock by first class jewelers. They issue one of the handsomest catalogues that we have seen. It contains forty pages and shows colored photographic illustrations of the actual articles, and every article in the catalogue is fully described and prices given. Any person making a selection from this catalogue may rest assured that Hope Bros. will ship the goods exactly as represented. It is a pleasure to deal with them and we advise every one contemplating the purchase of anything in their line to send at once for their beautiful and artistic catalogue. Read their ad elsewhere in this issue and mention THE INDUSTRIOUS HEN when writing.

Don't Miss This Chance

Just out, the only pencil on the market that supplies you with paper instantly for taking down memorandums, etc. Be the first one to have one of these Paper Supply Pencils in your neighborhood by getting it at the special introduction price of 25c for the pencil and two extra rolls each containing 6 feet of paper for pencil, packed in a box. This price will be for a limited time. Send your order at once with 25c in coin or postage to the O. K. Supply Co., 11Y Sacramento Blvd., Chicago.

Great Demand for White Leghorns

We are just in receipt of a letter from Jno. F. Childress, the White Leghorn man of Sweetwater, Tenn., stating he has had such demand in the last year for his White Leghorns that he was compelled to buy more ground and devote more of his time to the business. He states that through his ad in THE INDUSTRIOUS HEN he has received inquiries for over 5,000 White Leghorn pullets this summer and fall. Eggs are so scarce

and high that it has compelled the people in the cities and towns, who have been depending on the local markets for fresh eggs, to keep a flock of layers for self protection. This statement alone not only answers the oft-repeated question, "Is there much demand for fancy poultry?" but show that all you have to do is insert your advertisement in THE INDUSTRIOUS HEN and you will get the inquiries.

A Breeder of Merit

W. E. Lumley, of Tullahoma, Tenn., advertises Langshans, Reds and Leghorns; also Pekin and Indian Runner Ducks in this issue. He is all right. Look up his ad.

Mayo's Perfect Hen Feed

D. R. Mayo, 615 Gay St., Knoxville, Tenn., the old reliable seedsman, has an ad in this issue. He manufactures and sells "Mayo's Perfect Hen Feed," and carries a complete line of poultry supplies at all times, as well as all kinds of seeds, orchard grass, lawn grass, flowering bulbs, etc. He is a reliable man to deal with and deserves a liberal share of the patronage of all who are in need of anything he has. Look up his ad and write him for catalogue and prices, mentioning THE INDUSTRIOUS HEN.

Buff Rock Breeders, Attention!

The Southern District Championship Cup of the American Buff Plymouth Rock Club will be awarded at the Asheville (N. C.) Poultry Show to be held December 8-10, 1909. Two silver cups and \$50.00 in cash is already assured. This will be increased before the show opens. A breeder and judge who is thoroughly familiar with Buff Rocks, having both bred and judged them for many years past will handle the class. Every exhibitor is thereby assured of a fair deal by competent authority. Asheville, N. C. is beyond dispute one of the most interesting and fascinating cities of the South. No one who attends this show will regret it, and if you cannot go in person, then send your birds. Reliable authorities will see after them, and they will receive justice as much as if you were there in person. Let's unite our efforts and make this the biggest and best Buff Rock show in America this season. If you are interested in Buff Rocks you

should be a member of the Buff Rock Club, and if you are a member of the club you should show at Asheville this time. For any information address Mrs. C. B. Campbell, Sec. Asheville Poultry & Pet Stock Assn., Asheville, N. C., or C. T. Fallin, Southern Vice President, American Buff Plymouth Rock Club, Greenville, S. C.

Another New One

We have received the prospectus of the *Ideal Poultry Journal*, from which we learn that the first issue of the new journal will make its appearance November 1. It will be published by the Ideal Poultry Journal Co., 2630 Jackson Ave., New Orleans, La., with W. C. Morel, Jr., as managing editor. Its field is certainly "ideal," and success should be its portion.

The East Tenn. Poultry Association

Will have handsome silver cups on all leading varieties exhibited at its Show, January 5-8, 1910. Competition will be open to every one. We will also have certificates and diplomas of merit, medals, badges and handsome silk ribbons from the following specialty clubs to be competed for by their members only. If you are not already a member of some of the clubs, become one before the show:

The National Langshan Register; National Black Langshan Club of America; American Plymouth Rock Club; American Buff Plymouth Rock Club; White Plymouth Rock Club; Rhode Island Red Club of America, both Single and Rose Comb; American Single Comb Leghorn Club; American Single Comb White Leghorn Club; American Single Comb Buff Leghorn Club; American Black Minorca Club, both Rose Comb and Single Comb; American Cornish Club; National Single Comb Buff Orpington Club; National Single Comb Black Orpington Club; Western Houdan Club; National Partridge Wyandotte Club; National Silver Penciled Wyandotte Club.

Write for information and premium list to Jno. E. Jennings, Sec.-Treas., 621 N. Central Ave., Knoxville, Tenn.

Ten to One in Favor of The Hen

My ad in THE INDUSTRIOUS HEN is bringing me ten to one inquiries as compared with three other Southern poultry papers.—Mrs. Florence Forbes, New Decatur, Ala.

SINGLE COMB RHODE ISLAND REDS

Farm raised, heavy layers, eggs a specialty, standard in size and color, good for business, beauty and for show. Youngsters for sale. Eggs \$1.50 to \$5.00 a setting.

PINE BURR POULTRY FARM, Morristown, Tenn.

COLUMBIAN WYANDOTTES

Be sure and get description of our offering in Selected Breeders and choice Utility stock before placing order

H. E. CAIN, R. F. D. No. 3, ASHEVILLE, N. CAROLINA

CHAPMAN'S IMPROVED TRAP NEST



Is proclaimed by all poultrymen who have seen it to be the most practical and best made nest on the market today. Hundreds of letters and orders are coming in from all over the United States and without a word of dissatisfaction from a single customer; the reason is, because this nest can be depended upon to absolutely trap the hens.

The Chapman nest is made upon honor and constructed on mechanical principles that are bound to make it the leading Trap Nest of the world. A trial order will prove it and we guarantee to refund the money if it does not trap the birds. Write for catalogue.

3 Nest Size, \$3.00; 6 Nest Size, \$6.00. Chapman's Sanitary Fountain. Liberal discounts to agents.

CHAPMAN TRAP NEST CO., Weld Bldg., Boston, Mass.

BOOK ON ORPINGTONS

Tells all about the best Variety of Orpingtons. Send ten cents for this book. Tells how a living for three persons was made from a single pair of show birds.

MILTON W. BROWN, Sec'y National Black Orpington Club, Sta. L, Cincinnati, O.

Awards at the Jeanerette, La., Fair

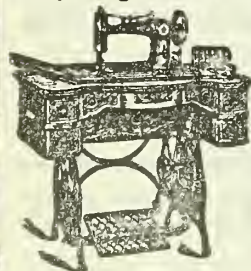
S. C. R. 1. *Reds*—Bellevue Poultry Farm, 1, 2 ck; 2, 3, hen; 2 pen. A J Montgomery, 1 ck; 1 hen; 1, 2, 3 pul; 1 pen. Dr H M Jones, 2 ckl.
White Wyandottes—Bellevue Poultry Farm, 1 ck; 1, 2 hen, 1, 2 pul; 1 pen. J A W Acomb, 1 ckl. H K Ramsey, 2 ckl; 3 hen; 3 pu; 2 pen.
S. C. B. *Minorcas*—J A W Acomb, 1, 2 ckl.
S. C. B. *Leghorns*—William Kaule, 1 ckl; 1 hen; 1, 2, 3 pul; 1 pen.
Buff Orpingtons—Bellevue Poultry Farm, 1 ck; 1, 2 hen; 2, 3 pul; 1 pen. H E Williams, 2 ck; 3 hen; 1 pul; 2 pen.
B. P. *Rocks*—Bellevue Poultry Farm, 1 ck; 1, 2, 3 hen; 1, 2 pul; 1 pen. James H Levogue, 1, 2 ckl.
Buff Cochins—H K Ramsey, 1 ckl; 1, 2, 3 pul; 1 pen. Bellevue Poultry Farm, 1, 2 hen.
W. P. *Rocks*—W Gauthiers, 1 ck; 1 ckl; 3 hen; 2, 3 pul; 2 pen. Bellevue Poultry Farm, 2 ck; 2 ckl; 1, 2 hen; 1 pul; 1 pen.
W. C. B. *Polish*—M. Hackett, 1 ck; 1, 2, 3 ck; 1, 2, 3 hen; 1, 2, 3 pul; 1, 2 pen.
S. C. W. *Leghorns*—Bellevue Poultry Farm, 1 ck; 1, 2 ckl; 1, 2, 3 hen; 1, 2, 3 pul; 1, 2 pen.
Mammoth Bronze Turkeys—Bellevue Poultry Farm, 1 tom; 1, 2 hen. Miss Zenora Moore, 1 young tom.
Indian Runner Ducks—Bellevue Poultry Farm, 1, 2, 3 drake.
Pekin Ducks—Bellevue Poultry Farm, 1 2 drake; 1, 2, 3 hen; 1, 2 pen.
Bantams—Bellevue Poultry Farm, 1 ck; 1 pul; 1, 2, 3 hen; 1 pen.
White Cochins—Bellevue Poultry Farm, 1 ck; 1, 2, 3 hen; 1 pen.
White Orpingtons—Bellevue Poultry Farm, 1 ck; 1, 2 pul; 1, 2, 3 hen; 1 pen.

One Good Turn Deserves Another

All we ask of friends who write to our advertisers is to say: "I saw your ad in THE HEN." We say lots of good things about you. We never say anything else. Life is too short. Do all the good you can, and then you'll do harm enough.

\$50 Machine for \$16
FREIGHT PREPAID to your Station

Don't pay a high price for a sewing machine when you can get the famous **INDUSTRIOUS HEN** machine for \$16, delivered at your door, and guaranteed for ten years. It has been on the market for 30 years under another name. Is high arm, ball bearing, noiseless, easy running, stand hand-somely embossed, hand polished case etc. Is modern in every feature, and the best that can be made. Will be sent freight prepaid, with a year's subscription to THE HEN for \$16, cash with order. Send for a few choice testimonials.



to THE HEN for \$16, cash with order. Send for a few choice testimonials.
INDUSTRIOUS HEN CO., Knoxville, Tenn.

Two Dozen Leg Bands Free.

You can't tell what your hens are doing unless you leg band them. You have to pay five cents each if you don't put leg bands on before you go to the show, so get your leg bands, now while you can get them for nothing. THE INDUSTRIOUS HEN has 5,000 of the best leg bands made to give to its readers. These leg bands retail at 15c a dozen. Here's how to get them free. Send us fifty cents for THE INDUSTRIOUS HEN one year and we will mail you 24 of these leg bands. If you have recently paid your subscription you may renew for another year; or if you will get one of your neighbors to send in fifty cents for his subscription, we will mail you a dozen bands each. This gives everybody a chance to get these leg bands free. Don't wait. Write today to THE INDUSTRIOUS HEN Co., Knoxville, Tenn.

**DOAK'S
 WHITE WYANDOTTES**

The "Foremost Strain" of the Southland in Quality and Winnings. It will pay you to investigate. Address,

**E. L. DOAK & SON
 NASHVILLE, - - TENN.**

**POULTRY
 DISINFECTANTS**

"INTERNATIONAL" Disinfecting and Deodorizing Liquor will clean your stock of all insect life, keep them clean, also kill all insects in the run, house, etc. You want the BEST. This is IT. Satisfaction guaranteed. Non-poisonous. Stainless. Easily applied. Disinfects, purifies, deodorizes. Place a trial order NOW. Agents wanted. Prevent loss by killing all disease breeding insects. Our product is guaranteed. The BEST article on the market.

Qt. Can 75c, 1/2 Gallon Can \$1.50,
 Gallon Can \$2.25

**THE INTERNATIONAL
 PAINT MFG CO.
 Chemical Dept. Div. 19, Richmond, Va.**

**WHITE WYANDOTTES
 BRED TO LAY**

**W. A. LILLARD
 813 Lischey Ave., NASHVILLE, TENN.**

Barred and White Plymouth Rocks

Winnings at Tennessee State Fair 1908: 1st cockerel, 2nd pullet, 2nd and 3rd hens, 4th cock. Baby chicks \$12.50 per 100, Pullets \$1.00 each. Best bred Collie dogs in America.

**SANFORD McFERRIN
 R. F. D. No. 5
 SPRINGFIELD, TENN.**

CLOSING OUT

Our last season's breeders of **BARRED** and **BUFF PLYMOUTH ROCKS**, **WHITE WYANDOTTES** and **ROSE COMB RHODE ISLAND REDS**.
 If interested, write for bargain prices to

BARGER'S POULTRY YARDS, - - YORK, ALABAMA

Mention this paper

CHILDRESS' S. C. WHITE LEGHORNS

Prize winners at all the leading shows North, South, East and West

EXHIBITION STOCK A SPECIALTY

I have the birds that produce the goods and my prices will please you

JNO. F. CHILDRESS, - - - SWEETWATER, TENN.



CURRENT MAGAZINES

THE INDUSTRIOUS HEN will be sent one year free with a yearly subscription to any magazine mentioned below at the price named.

The October Century

The frontispiece of the October *Century* will be a reproduction in full color of an exquisitely conceived and colored decorative picture by Mr. Charles A. Winter, "The Urn of the Year," with sympathetic lines by Miss Edith M. Thomas.

Hallowe'en

S. Virginia Levis in October *St. Nicholas*. The elves are getting ready now to take their yearly ride Upon the backs of squirrels; my! you ought to see them slide Straight down a moonbeam some bright night, and when they reach the ground, The squirrels scamper off to where the finest nuts are found. Some eves, besides, make Jack-o'-lanterns, funniest ever seen, Because, in Elfland, too, you know 'twill soon be Hallowe'en!

How a Bear Fishes

From "Nature and Science" in November *St. Nicholas*. Few people have had the opportunity of seeing a bear feeding, that is, in his native state; and fewer still have seen him fishing. But fish he does, and in it he displays an amount of patience and dexterity that is amazing. He will lie motionless upon an overhanging log or bank with paw poised and little beady eyes attentively scanning the water. Salmon and trout are his chief delight, and should one come near enough to the surface he is snapped out on the bank with a flip and a twist, and vanishes in bruin's capacious maw.

A Texan Snake Farm

"Down in Texas there is a 'ranch' whose owner carries on a unique business—the catching and 'training' of rattlesnakes for sale. There are always something like five hundred of the venomous creatures in stock, and fresh consignments arrive daily." An interesting article in the October *Wide World Magazine* (New York, yearly \$1.00; single copy 10 cents), "describes the snake-farmer's operations, and gives some interesting information concerning the rattlesnake and its habits."

The Strand for October

"Some Recollections of Sport," by Arthur Conan Doyle forms an interesting article in the October *Strand* (New York, yearly, \$1.50; single copy, 15 cents). W. N. Jacobs, Sir Thomas Lipton and other noted writers also contribute to the pleasing variety of the contents of this number.

The Beast and the Jungle

In the October number of *Everybody's* (New York, yearly, \$1.50; single copy, 15 cents), appears the first instalment of "The Beast and the Jungle," by Judge Ben B. Lindsey, of the Juvenile Court of Denver. This is a series of articles of the profoundest interest, and is said to be about the "most vivid picture ever published of municipal politics from the inside." After reading this true story of conditions as they exist today, one cannot help agreeing with the publishers when they say that "this series is about the most important thing any magazine ever published."

The October American Magazine

One among the best and most interesting periodicals that has reached our desk is the October number of the *American Magazine* (Phillips Pub. Co., New York, yearly, \$1.50; single copy, 15 cents). From a somewhat insignificant publication three years ago, it has steadily grown into one of the very foremost American magazines. The October number contains 148 pages, and a pleasing variety of interesting subjects are handled by the ablest writers in the field today. "Barbarous Mexico," by John Kenneth Turner—a series of illustrated articles under this suggestive title begins with the current number, and no true liberty-loving American should fail to read these articles; and as you "follow the author in his adventures, and see with

his eyes how things really are, you will be forced to admit that Mexico, the 'Republic,' is a pretense and a sham."

The Outing Magazine for November

Dr. Woods Hutchinson's article, "Bringing the Outdoor Indoors," is the leading feature of popular interest in the *Outing Magazine* for November (New York, yearly \$3.00; single copy, 25 cents). In this Dr. Hutchinson has some trenchant things to say regarding the right and wrong ways employed by people to get good air into their houses. His suggestions are of considerable practical value. Mr. Walter Camp, probably the chief authority in the country on matters pertaining to football, contributes the first article of a series by him, entitled "Heroes of the Gridiron," a vivid look back at the chief personalities of the last generation. There are many other equally interesting articles in this number.

Tri-State Poultry Show Awards

The Tri-State poultry show at Memphis was a great success. About 2,500 birds were on exhibition. Some of the finest specimens in the country were there. Poultrymen from all over the United States were in attendance. Old judges stated that there were some of the hottest classes there that they had ever judged. Below is a list of the winnings:
Barred Plymouth Rocks—Pine Top Poultry Farm, Hastwood, N. M., 1 ck; 2 hen; 1 ckl; 2 pu; 1, 3 pen. F B Spicer & Son, Parsons, Kan., 2 ck; 3 hen; 2, 3 ckl; 1 pul. C H Dozier, Marion, Ala., 1 hen; 3 pul; 2 pen.
Buff Wyandottes—Mrs N R Crane, Memphis, Tenn., 1, 2 hen.
White Plymouth Rocks—Rockadotte Farm—1 ck; 1 hen; 1, 2 ckl; 1 pul; 1 pen. C P VanWinkle, Dallas, Tex., 2, 3 ck; 3 hen; 3 ckl; 2, 3 pul. A H Bonner, Morrison, Tenn., 2 hen. Mrs Jay Madison, Memphis, Tenn., 2 pen.
Silver Penciled Wyandottes—Hi'side Poultry Yards, Judsonia, Ark., 1 ckl; 1 pul.
Silver Wyandottes—Jacob Miller, Wathena, Kas., 1 hen; 2 ckl; 1, 2, 3 pul. Mrs R N Crane, Memphis, Tenn., 2, 3 hen.
Golden Wyandottes—G A Harrison, Nashville, Tenn., 2, 3 ck; 1 hen; 1, 2, 3 pul; 1

pen. Dr James L. Ross, McMinnville, Tenn., 1 ck; 2, 3 hen.
White Wyandottes—Rockadotte Farm, 2 ck; 1 hen; 1, 2 ckl; 1, 2 pul; 1 pen. Southern Poultry Yards, Vaiden, Miss., 3 ck; 2 pen. W C Taylor, Jackson, Miss., 1 ck; 3 pen. Gordon Matthews, 2, 3 hen; 3 pul.
Buff Wyandottes—R C Richey, McKenzie, Tenn., 1 ck; 1 hen; 2 pul; 1 pen. C E Coe, Memphis, Tenn., 2 ck; 2, 3 hen; 1, 2, 3 ckl; 1, 3 pul.
Columbian Wyandottes—Sturtevant Bros., Kushla, Ala., 2 ck; 1 hen; 1 ckl; 1, 2 pul; 1 pen. Mrs Lou Lusky, Nashville, Tenn., 1, 3 ck; 2, 3 hen. James Fitzgibbon, Memphis, Tenn., 3 pul.
Partridge Wyandottes—R C Stockton, Memphis, Tenn., 1, 2 hen.
S. C. Rhode Island Reds—E M Anderson, Clinton, Miss., 3 ck; 1, 3 hen; 3 pen. James M Frank, Nashville, Tenn., 2 ck. C L Baker, Memphis, Tenn., 1 ck. W F Kilman, Bald Knob, Ark., 2 hen; 1 ckl. J M Foster, Little Rock, Ark., 2, 3 ckl; 2 pul. Rosebank Poultry Farm, Nashville, Tenn., 1, 3 pul, 1 pen; J A Austin, Regan, Tenn., 2 pen.
R. C. Rhode Island Reds—Hale & McCarty, Lebanon, Tenn., 2 ck; 3 hen; 1, 3 ckl; 1, 2, 3 pu; 1 pen. McMinnville Poultry Yards, McMinnville, Tenn., 1, 3 ck; 1, 2 hen; 2 ckl; 2 pen. W E Crawford, Somerville, Tenn., 3 pen.
Partridge Cochins—Allen Thornton, Memphis, Tenn., 1 ck; 1, 2 hen.
White Langshans—H S Noblit, Paoli, Ind., 1 hen; 1 pul.
Black Langshans—H S Noblit, Paoli, Ind., 1 ck; 2 hen; 2 ckl; 2 pul. Mrs James A Staples, La Mont, Mo., 1 hen; 1 ckl; 1 pul.
S. C. Brown Leghorns—Sturtevant Bros., 1 and 2 ck; 1, 3 hen; 2, 3 ckl; 1, 2 pul; 1 pen. J W Leeman, Lebanon, Tenn., 3 ck; 2 hen; 3 pul; 3 pen. Forbes Poultry Yards, New Decatur, Ala., 1 ck; 2 pen.
R. C. Brown Leghorns—Robert Jewell, Lexington, Ky., 3 ck; 1, 2 pul.
S. C. Black Minorcas—S C Vaughn & Co., Lebanon, Tenn., 1 ck; 1 hen; 1 ckl; 1 pen. G E Galloway, Oakland, Miss., 2 hen; 2 ckl; 2 pul. E A Ham, Raleigh, Tenn., 3 ckl; C E Coe, Memphis, 1, 3 pul.
S. C. White Leghorns—Pine Top Poultry Farm, Hartwood, N. Y., 3 ck; 3 hen; 1, 2 ckl; 1, 3 pul; 1, 2 pen. A P Ryland, Pine Bluff, Ark., 1, 2 ck; 3 ckl; 3 pen. Lakeside Poultry Farm, Texarkana, Tex., 1, 2 hen; 2 pul.

MARTIN'S QUALITY BREEDS

Unequaled in quality and laying. We make no boastful claims, but simply give our record at the recent Tennessee State Fair (1909) as evidence of their superior quality.

Columbian Wyandottes—1st ckl, 2d hen, 3d pul., and 4th hen.
Blue Andalusian—1st pen, hen, pul, and cock; 2d hen and cock; 3d, 4th and 5th pul
Buff Orpingtons—2d cock.

WRITE US BEFORE YOU BUY EITHER STOCK OR EGGS.

MARTIN POULTRY FARM ROUTE NO. 5.
 NASHVILLE, TENN.

You Want More Pleasure and Profit

Then here's an opportunity you owe yourself—appreciated by the GOOD WIFE—a chance for the development of thrift in the SON. Replace the drones in your poultry yard with the hustling Buff or Black

ORPINGTON

Which, aside from their SUPERIOR table qualities, have repeatedly won FIRST PLACE in officially conducted laying contests open to all breeds. While choice exhibition specimens command prices which may stagger those who have not as yet grasped the possibilities of this most valued breed. If you cannot afford CHAMPIONS of the show room, let me quote you on specimens rich in their blood—prices you will pay. ALSO REGISTERED JERSEY CATTLE OF HEAVY PRODUCING FAMILIES, AND COLDEN FLEECED COTSWOLD SHEEP, shearing up to 24 pounds each. Let me serve you. Your interests are mine.

S. LUTTRELL, WAVERLY, ILL., U. S. A.

BLACK MINORCAS AND BARRED ROCKS
 Exhibition and Breeding Birds of High Quality For Sale
 Eggs in Season
R. G. McCANTS, Proprietor. HILLCREST POULTRY YARDS, NINETY SIX, S. C.

Anconas—Ralph A Slocum, Binghamton, Tenn., 3 ckl; 3 pul.
Pit Games—Charles Babb, Memphis, 1 ck; 1, 2, 3 hen; 1, 2 ckl; 1 pul; 1 pen. C S Wilson, Memphis, 2, 3 ck. R D Hart, Waverly, Tenn., 3 ck; 2 pul; 2 pen. E A Ham, Raleigh, Tenn., 3 pu.
White Crested Black Polish—Burt Williams, Ashland, Wis., 1 ck; 1, 2 hen.
Silver Bearded Polish—Burt Williams, Ashland, Wis., 1 ck; 1, 2 hen.
Mottled Houdans—Dr G W Taylor, Orleans, Ind., 1, 2, 3 ck; 1, 2, 3 hen; 1, 2, 3 ck; 1, 2, 3 pu; 1, 2, 3 pen.
S. C. Buff Orpingtons—Mrs W A Gibbon, Conway, Ark., 1 hen; 1, 2 ckl; 1, 2 pul. S E Wasson, Huntsville, Ala., 3 pul; 1, 2 pen.
S. C. Black Orpingtons—Park Poultry Pens 1 ck, 1 hen, 2 ckl, 2 pul, 1 pen. J. T. Morgan, Memphis, Tenn., 1 ckl, 1 pul. M. S. N E Dupree, Mayhew, Miss., 2 pen.
S. C. White Orpingtons—S B Street, Jr., Columbus, Miss., 1 hen; 3 ckl; 1, 2 pul; 1 pen. Russe 1 Hollis, Pine Bluff, Ark., 2 hen; 1, 2 ckl; 3 pul.
Cornish Indian Games—W D Burney, Memphis, Tenn., 1 ck; 1, 2, 3 hen.
White Game Bantams—W B Klinke, Binghamton, Tenn., 1, 2 hen.
Golden Seabright Bantams—Louis Culps, Pulaski, Tenn., 1 hen; 1 pul; 2 ckl. G B Thomas, Buntyn, Tenn., 1, 3 ckl; 2, 3 pul. C A Wait, Memphis, Tenn., 2 ckl.
Buff Cochon Bantams—Louis Culps, Pulaski, Tenn., 2 ck; 1 hen. Forbes Poultry Yards, 1 ck.
Black Cochon Bantams—Robert Jewell, Lexington, Ky., 1 ck; 1, 2 hen.
Bronze Turkeys—J A Parsons, Obion, Tenn., 1 tom; 1, 2, 3 hen.
White Pekin Ducks—G A Corliss, White Haven, Tenn., 1, 2 drake; 1, 2 duck; 1, 2 young drake, 1, 2 young duck.
Rouen Ducks—Mrs Lou Lusky, Nashville, Tenn., 1, 2 drake; 1, 2 hen; 1, 2 young drake; 1, 2 young duck.
Indian Runner Ducks—G G Buford, Memphis, Tenn., 1, 2 drake.
Gray Call Ducks—Mrs R M Craul, Memphis, Tenn., 1 drake, 1, 2 duck, 2 drake.
Blue Swedish Ducks—Evelyn Buford, Memphis, Tenn., 1 drake; 1 duck.

Newport Fair Awards

We give below a list of the winners in the poultry department at the Newport Fair, which is one of the best conducted fairs in this section. The poultry was fine, nicely cooped and well arranged under the management of J. M. Susong, who has had charge of this department for several years:
S. C. R. I. Reds—Arthur Stansbury, 1 pr; 1 ck; 2 pen. J W Snoddy, 2 pr; 1 pen; 2 pul; 2 ckl. J M Susong, 1 pul.
Brown Leghorns—T N Vaughn, 1 pr. C A Bibb, 2 pr.
Buff Plymouth Rocks—Mrs N I, McSwain, 1 pr. Mrs Iena Odell, 2 pr.
Buff Orpingtons—W O Mims, 1 pr. Mrs W H Stansbury, 2 pr.
Golden Wyandottes—Mrs J A Bazin, 1 pr. Mrs J W Henyon, 2 pr.
Columbian Wyandottes—W C Snoddy, 1, 2 pr.
Barred Plymouth Rocks—Mrs Davis, 1 pr.
White Plymouth Rocks—Mrs JABlazin, 1 pr.
Andalusians—J W Willis, 1 pr. Mrs N I, McSwain, 1 pr. (Hamburgs)
Bantams—Miss Annie Holland, 1 pr.
Black Spanish—Howard Fox, 1 pr. Felix Shults, 2 pr.
Pit Games—Frank Freshour, 1, 2 pr.
Mammoth Bronze Turkeys—Mrs J S Susong, 1 pr. Mrs Thomas Odell, 2 pr.
Toulouse Geese—Mrs. J F Meece, 1 pr. R H Belle, 2 pr.

Owes Us Many Thanks

I feel that I owe your poultry journal many thanks for what my advertisement has brought me. I enjoy raising fine S. C. Rhode Island Reds, and am selling eggs and chicks at a good price. I shall continue my ad. with you, as there are plenty of customers that want the best that can be had.—S. C. Alexander, R. 3, Asheville, N. C.

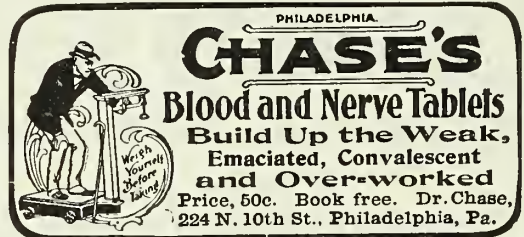
"The Red Rooster"

We are in receipt of a copy of "The Red Rooster," issued by the New York State Branch of the Rhode Island Red Club of America. It contains information of much value to Red breeders, no small part of its contents having been copied from articles taken from THE INDUSTRIOUS HEN, though its compilers neglected to give us credit for any of the subject matter. We excuse the club for what was clearly an oversight, and advise everybody interested in Reds to send 15 cents to H. L. Greene, Secy., Sherburne,

N. Y., for a copy of the booklet. It is well worth the price.

White Orpington Club Book

The American White Orpington Club has just issued a Club Book on White Orpington fowls. It contains several timely articles on this grand breed and anyone interested in White Orpingtons should certainly have a copy. It tells all about the breed. Copy will be mailed by the Secretary, F. S. Bullington, Box 328, Richmond, Va., upon receipt of request and 10 cents in stamps.



PHILADELPHIA
CHASE'S
Blood and Nerve Tablets
Build Up the Weak,
Emaciated, Convalescent
and Over-worked
 Price, 50c. Book free. Dr. Chase,
 224 N. 10th St., Philadelphia, Pa.

Secretary's Entry Book

A very compact book, size 8½x8½ inches, giving ample space for making entries without crowding. Printed on best quality of paper and handsomely bound. Our simple, labor-saving system of special indexing is a feature that adds much to the value of the book, and affords a great saving of time in making entries.

50 Leaves	\$1.00
75 Leaves	1.50
100 Leaves	2.00

The 50-leaf book gives room for 750 entries; the 75-leaf, for 1125 entries; and the 100-leaf book allows for 1500 entries.

Thus you can select a size suited to the requirements of any show. Send cash with your order and the book will be sent, all charges prepaid. Make remittance payable to

THE INDUSTRIOUS HEN COMPANY,
 Knoxville, Tenn.

D. R. MAYO
SEEDSMAN
 615 Gay St. KNOXVILLE, TENN.
 MANUFACTURER OF
MAYO'S PERFECT HEN FEED
 Complete line of Poultry Supplies, Beef Scrap, Beef Meal, Mica Grit, Oyster Shell, Granulated Bone, etc. Write for prices.
Every Variety of Reliable Seeds. Write for Catalogue

DES-RENA POULTRY YARDS
 GREENVILLE, S. C.
 Our Royal Strain of Barred Plymouth Rocks and White Wyandottes are winners wherever shown. Our Rocks are all from E. B. Thompson's Ringlets, Bradley Bros. and C. H. Latham's yards direct. We have some fine cockerels coming on which will be heard from in big shows this fall.
DES-RENA POULTRY YARDS, GREENVILLE, S. C.

McCLAVE'S "Old Reliable"
LINWOOD POULTRY YARDS
 ESTABLISHED 1874
 Practical breeder of prize-winning Wyandottes, Rocks, Leghorns, Turkeys, Geese and Ducks. Winners at the leading shows of America, including New York, Boston, Buffalo, Toronto, Pittsburg, Hagerstown, Cleveland, Chicago, St. Louis and many others. More than 3000 prizes won in past three years. Choice birds for sale at all times. No difference what you want, ask McClave, he has it. :: :: :: :: ::
 WRITE
CHAS. McCLAVE, - New London, Ohio

POULTRYMEN-- Send 10c for our 1909 Catalogue. Chuck full of useful information. Describes and Illustrates 35 Varieties. You Can't Afford to be Without it.
EAST DONEGAL POULTRY YARDS, Marietta, Pa.

SPECIAL TO BREEDERS I

Under this department, name and address, in one line, will be inserted under choice of breeds at 25c for each insertion; \$1.25 for six months, or \$2 for twelve months. Cash to accompany order

Barred Plymouth Rocks

Mrs. Ora M. Huie, R. 5, Newbern, Tenn.

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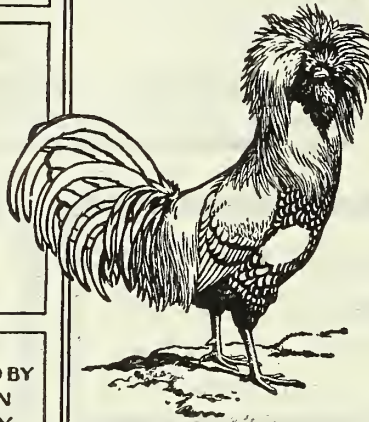


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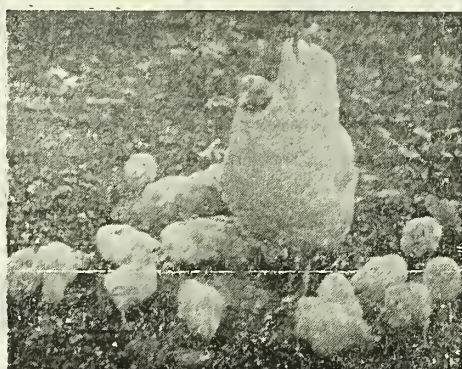
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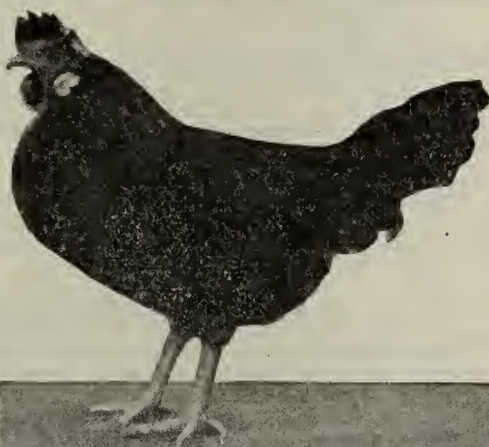
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Handsome Scotch Collies for Sale



It Pays in Comfort, Cash and Health to Wear Ruthstein's STEEL SHOES! Worn With Wonderful Satisfaction by Workers Everywhere!

Patented
Dec. 4, 06
Others
Pending



FREE

Send for our Book, "The Sole of Steel"—or better yet—send for a pair of Steel Shoes on the Order Blank Below.

**GOOD - BYE TO CORNS AND BUNIONS!
NO MORE SORE, ACHING FEET!**

You will not suffer from corns, bunions, callouses and blistered, aching feet if you wear Steel Shoes. They are shaped to fit the feet and need no "breaking in." Easy on—easy off. No warping, no twisting, no curled-up soles. The rigid Steel Shoes force the uppers to keep their shape. They rest the feet by affording support exactly where it is needed.

**THROW AWAY YOUR OLD SHOES AND
HOT RUBBER BOOTS**

Don't torture your feet in hard, twisted, warped, leaky, shapeless leather-soled shoes. Don't sweat your feet and make them tender by wearing hot rubber boots, felt boots or arctics. Throw the old things away! Get a pair of Steel Shoes and learn what foot comfort really means.

SAVE FROM \$5 TO \$10 IN SHOE MONEY

As one pair of Steel Shoes will outlast three to six pairs of leather-soled shoes or at least three pairs of rubber boots, it is easy to see that the saving in shoe bills is great. At least \$5 to \$10 a year! A man who wears Steel Shoes doesn't have to own three different styles of working shoes.

Save Doctors' Bills

Steel Shoes pay for themselves over and over again in the saving of medicine and doctors' bills. They prevent sickness.

Wear Steel Shoes and you need not suffer from Colds, Rheumatism, Neuralgia, Lumbago, Stiffness of the joints and other troubles and discomforts caused by cold, wet feet. Keep your feet always warm, dry and comfortable in Steel Shoes. They protect your health and save doctors' bills.

Save Repair Bills

Steel Shoes need no expensive repairs—no "half-soling," no new heels, no patches.

The thin Steel Soles are turned up an inch high all around — absolutely no cracks or seams to hold moisture or mud. You can instantly replace the adjustable Steel Rivets when partly worn. The expense of keeping leather-soled shoes repaired is often nearly as great as the original cost of the shoes.

**Easy on the Feet! Easy on the Pocket Book
One Pair Outlasts 3 to 6 Pairs of Leather Soled Shoes**

Steel Shoes are setting the swiftest pace in sales of any work shoes in existence. They are so strong and durable, so easy and comfortable that farmers and all classes of workers are simply astonished. One pair will outwear from three to six pairs of the best leather soled shoes you can buy.

There's the utmost limit of wear in every pair of Steel Shoes — and comfort as long as you wear them. They are lighter than all-leather work shoes with thick and clumsy soles. They need no repairs! They are absolutely waterproof and will keep your feet warm, dry and comfortable in the coldest weather, in mud, snow or slush up to your shoe-tops. Do you wonder that many thousands of workers will wear no other kind of work shoes?

**Steel Shoes Give Absolute Protection from Colds,
Rheumatism, Sore Throat, Stiffness, Discomfort**

Steel Shoes are as waterproof as Rubber Boots, and keep the feet warm and perfectly dry, regardless of rain, snow, slush or mud—no matter how cold the weather. They defy cold and wet, protecting the feet even from dampness and chill.

Nine-tenths of all cases of rheumatism, colds, and sore throat result from wearing all-leather shoes which leak or absorb moisture. Pneumonia often develops as the direct result of cold, wet feet. Why take chances when Steel Shoes offer real protection, with comfort thrown in for good measure?

**How These Wonderful Shoes are Made
Steel Soles and Sides—Waterproof Leather Uppers—
Adjustable Steel Rivets in Bottoms—Hair Cushion Insoles**

Steel Shoes solve the problem of the Perfect Work Shoe for all time to come.

The soles of Steel Shoes and an inch above the soles are stamped out of a special light, thin, rust resisting steel. One piece of seamless steel from toe to heel! As a further protection from wear and a means of giving a firm foothold, the bottoms are studded with adjustable steel rivets. The "Immortality" of the sole!

The adjustable rivets add the finishing touch of perfection. Practically all the wear comes on these steel rivets. When steel rivets wear down, you can instantly replace them with new rivets. And the rivets at the tip of the toe and ball of foot are the only ones that wear. Steel Shoes never go to the Repair Shop, for there's nothing to wear but the rivets. The cost is only 30 cents for 50 extra steel rivets. No other repairs are ever needed.

The uppers are made of the very best quality of pliable waterproof leather, and firmly riveted to soles. There is greater strength and longer service and more foot comfort in Steel Shoes than in any other working shoe in existence. It's in the steel and the pliable leather, and the way they are put together.

SECRET OF STEEL SHOE ELASTICITY

Steel Shoes have thick, springy Hair Cushion Insoles, which are easily slipped out for cleansing and airing. These insoles absorb perspiration and foot odors—absorb the jar and shock when you walk on hard or stony ground. They keep your feet free from callouses, blisters and soreness.

**Made in Sizes 5 to 12, 6 inch, 9 inch, 12 inch and 16
inch High Styles**

Steel Shoes are made with tops of different heights, suitable for every purpose, from general field work to ditch-digging:

Steel Shoes, 6 inches high, \$2.50 a pair, are better than the best all-leather \$3.50 shoes.

Steel Shoes, 6 inches high, with extra grade of leather, \$3.00 a pair, excel any \$4.50 all-leather shoes.

Steel Shoes, 9 inches high, \$3.50 a pair, are better than the best all-leather \$5.00 shoes.

Steel Shoes, 9 inches high, with extra quality of leather, \$4.00 a pair, are better than the best all-leather \$5.50 shoes.

Steel Shoes, 12 inches high, \$5.00 a pair, are better than the best all-leather \$6.00 shoes.

Steel Shoes, 15 inches high, \$6.00 a pair, are better than the best all-leather shoes regardless of cost.

**Get "STEELS" and Enjoy Real Comfort— Then
Tell Your Neighbors About It! Order a Pair Today**

Learn by actual test, the tremendous advantages of "Steels." We will fill orders for "Steel Shoes" direct from this advertisement, under a positive guarantee to refund purchase price promptly if, upon inspection, you do not find the Shoes exactly as represented.

Remit the price of the size and style of shoes you wish. Be sure to state size of shoe you wear.

We will ship shoes promptly, safe delivery guaranteed.

A style of steel shoe for every use

We strongly recommend the 6 inch high steel shoes at \$3.00 a pair, or the 9 inch high steel shoes at \$4.00 a pair for general work under all conditions.

For all classes of use requiring high cut shoes, such as ditching, lumbering, hunting, etc., our 12 inch or 16 inch high steel shoes are absolutely indispensable. They give the utmost possible protection.

Fill out, tear off and mail the Order Blank TODAY.

Send Your Order for Steel Shoes Direct to

**Order Blank
For STEEL SHOES**
Steel Shoe Co., Dept. 210, Racine, Wis.
Gentlemen:—I enclose for \$.....
in payment forpair.. Steel Shoes.
Size.....
Name.....
Town.....State.....
County..... R. F. D.....
My shoe Dealer's name is.....

**N. M. RUTHSTEIN. Sec'y and Treas.
STEEL SHOE CO., Dept. 210, Racine, Wisconsin
Canadian Branch Factory, Toronto, Canada**