

NOVEMBER, 1910

THE INDUSTRIOUS HEN

ONE YEAR 50c---THREE YEARS \$1

AN ILLUSTRATED MONTHLY
FOR
POULTRY, LIVE STOCK AND THE FARM



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THE INDUSTRIOUS HEN

An Illustrated Monthly for Poultry, Live Stock and the Farm

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(Whole No. 78)

No. 6

Bourbon Reds, Natives of Kentucky

Their Early Life, Their History and Environments

By N. R. Gullion, Eagle Farm, Sparta, Ky.

FOR the benefit of those who have a desire to know more about this famous breed, I will submit the following, as we are constantly receiving letters of inquiry as to their origin, quality, etc.:

In pioneer days, when settlers were arriving in the Ohio Valley, there were to be found everything that was inviting to the huntsman. The buffalo grazed where now the 2,500 pound steer of Elmdorf plucks the crisp blue grass, and that spot of earth whose rich slopes and emerald pastureland are the glory of America, were the home of the wild turkey. Great changes have taken place since those days. The elm trees, under whose shade the pioneers worshiped, legislated and took council of each other for safety and defense, still waves in the majesty of nature to spread its ample canopy over our heads. The blood-stained soil is yet under our feet. The spring at which they slacked their burning thirst at every pause with the conflicting foe is at our side.

The Kentucky river, from whose cliffs the Indian leveled his ever-ready rifle at the invaders of his native soil, still rolls its arrowy current and conveys countless numbers of thoroughbreds on their way to other lands. It was in those days that the turkey was in a wild state. How he thrived is not generally known. My father (pardon personal-ity) an old man of 90 years, has told me much about the wilds of this country, especially the turkey. When a small boy, he saw an old "yaller tom" shot off a high precipice on the river shore in Estell county that weighed 40 pounds, and had a beard that touched the ground when standing erect. The least sound was alarm for his practiced ear. They were very fond of grasshoppers and would bring their young out into the grassy places in summer months to thrive on these insects and would return in the fall of the year to the interior of the forest where chestnuts, acorns, beechnuts and many mosses abound.

The home of these birds comprised the Ohio River Valley, as far up as the Lakes, and south of the Blue Ridge Mountains, a place far surpassing the ideals of the romantic dreamer. There lay the beautiful river, fed by its many branches. There were broad plains and green slopes and shaded dells, where they could rest in secrecy. The setting sun shed a strange splendor on this wild bird of the forest. He knew all the tricks and traits of the Indian and to this very day the turkey loves wood craftery. They were nursed up in the very bosom of nature. They loved the streams, the rocks, the trees, the dense masses of foliage.

The Bourbon Red was not a perfect colored bird then as now, neither was the bronze to a state of perfection; it is also claimed that there were other colors as well, as black, blue, etc. About this season of the year they would sniff the autumnal air and were off to their roost as they flock to the barnyard now. The solitude echoed to the sound of their voice, precipices yawned hungrily below them, chasms with deep and dark pools in their hearts slept sullenly at their feet. The morning sun visited their roosting place early, before the rest of nature was awakened, and they exulted in the glory of its light. Amidst such surroundings did the turkey thrive, and yet breeders are striving to rear flocks of birds with the same attention they would give their children and the results are utter failures.

Bourbon Reds are more domestic than any other turkey. They are the only turkey I have had any success with.

They do not range so far as do the Mammoth Bronze (a great objection I have to them.) They do not range far, as we have plenty of territory close in to use. They are fine dressers for the market. Cincinnati and Louisville markets do not like a very large turkey. The Bronze of great size are usually shipped to the eastern market and across the waters, with a few exceptions. I have always been able to raise many more Bourbon Reds than any other breed, hence the reason I breed them extensively. One bad point is that they are so hard to breed true to color and pink legs.

Eagle Farm consists of 800 acres, partly in cultivation, part in pasture lands and 250 acres in virgin forests. Grasshoppers and woods from morn until night. I wish the readers of THE INDUSTRIOUS HEN, who enjoy hunting and equestrian exercise could pay us a visit and spend a few days in recreation, for to the Kentuckian there is no more delightful pastime. We are in sympathy with the South and are very proud to boast of having Southern blood surging through our veins, having a remembrance of the past and knowledge of the heroism which belongs to no other body of people on earth. We are justly proud of you, and the efforts you are making for the advancement of poultry in this section.

A Serious Business

The poultry industry of this country is a serious business—a big, broad industry that requires big, broad men to succeed in it. Originally it was different. It was that part of the farm duty which fell to the cripple, or the half-witted member of the family. If the weakling of the family happened to be a boy, and the rest of the family prospered, they made a preacher out of the weaker member. If she happened to be a girl, she was allowed to attend to the chickens, and receive the egg money. Thus, in the early days when a man talked about going into the chicken business, people looked him over to see where he was weak. That was perfectly natural, since the chicken business was considered the business of a weakling, at least somewhat feminine in its nature.

But all of that has now been changed. It has come to be a business requiring strength—strength of character, financial strength. There is something more connected with it than gathering eggs from a haymow and carrying them to the grocery in a basket.—*Ex.*

No one will succeed with fowls unless he loves them. Work which is unpleasant is labor; work which one enjoys is pleasure. No one labors except under the stress of obligation; every one seeks pleasure of his own free will. Unless his heart is in his work, the work will be neglected, and neglect ends in failure. But if the care of fowls becomes a pleasure, every need will be promptly attended to, and success will follow.—*Ex.*

Geel! What would Columbus say if he should discover us now, with a hundred varieties made, and more a-making! If he could have interested a Kellerstrass in his proposed voyage, Queen Isabella would have been saved the necessity of pledging her jewels, and Kellerstrass would have needed only to sell a pen of fowls.—*Ex.*

My Opinion of Poultry Journals

and Advertising Solicitors of Poultry Journals in the Show-Room

By Ernest Kellerstrass (Copyrighted.)

[Following is one of the chapters from Mr. Kellerstrass' new book. We consider it an excellent article and trust it will be carefully read and profited by.]—Ed.

NOW, remember, I am only giving you my opinion and what experience I have had in this line. You will never have very good success unless you take your birds to the show-room. It costs you nothing but the entry fee, and no matter what kind of birds you have, if you lose, there is no one going to advertise the fact; but if you win, people will commence to talk about your birds; talk about the good quality of your birds, come around and ask how much you are going to charge for a setting of eggs out of those birds. You immediately begin to find that it is easier to get \$1.00, \$1.50, even \$10.00 or perhaps \$25.00 and \$30.00 a setting for eggs, than it was before you won. Before you took them to the show room doubtless you had to sell them to the market at market prices. You also find that just as soon as the blue ribbons are hung up on your coops, that there will be solicitors of various poultry journals come around, take you off into one corner and explain to you that you should now spend your money in advertising the fact that your birds won. Now right here is where you think this man is trying to hold you up; that he is after your money and a thousand and one other things. But let me say to you right here is where that man or that advertising solicitor is doing you a great favor. If you will listen to him, ninety-nine chances out of a hundred, you will make good. As I say, he will tell you to advertise the fact, now that you have won at such and such a show, on such and such birds, and whenever you do that you will find that the orders will come in from all parts of the country, and that you will get prices like you never dreamed of before for your stock and eggs. But unless you do advertise, the world will never know what you have done, and you will never reap the benefits you are entitled to.

Of course, you might say, "Well, what journal should I advertise in?" All I can do is to give you my own opinion. First, you must know how much stock and eggs you have to spare. If you haven't very much to sell, one or two journals is all that you need to advertise in. Find out the journals that you know have the circulation. Circulation, you understand, is the whole thing that we all should have and look for. If the paper doesn't circulate to more than a few people, we can expect but very little. If however, the paper has a large circulation and goes into thousands upon thousands of homes, we can expect good results. So, as I say, that is one of the most important things to consider before placing your advertising. Then place it in a good journal, one that has the circulation, one that goes to the people and to the community that you want to reach. Then, as your business grows from time to time, you can add more journals to your list. Let me say another thing. Always make your advertisement as big as you possibly can, according to your business. This thing of taking a little half-inch or inch advertisement in a poultry journal doesn't amount to very much. Of course, it is all well and good for the new beginner—the fellow who hasn't very much to sell and doesn't expect to have very big returns, but if you have much to sell and have good birds and expect to get good prices, you have to use good illustrations, and have your ads set up right, and in order to do that you have to use good, big space—quarter-pages, half-pages, full pages. The buyer usually judges a good deal by a man's advertisement, by the way it is gotten up and by the size of the advertisement. No doubt you have seen my advertisement in nearly all the leading journals throughout the country, and I have used pages after pages in some of them. I have used as high as 3 or 4 pages in one issue, but don't think for one minute that I do it to please the editor of that paper, or the advertising solicitor of that paper; I do it because it pays me. If it didn't pay me, you can rest assured that I would drop out and quit advertising in that paper in less than no time.

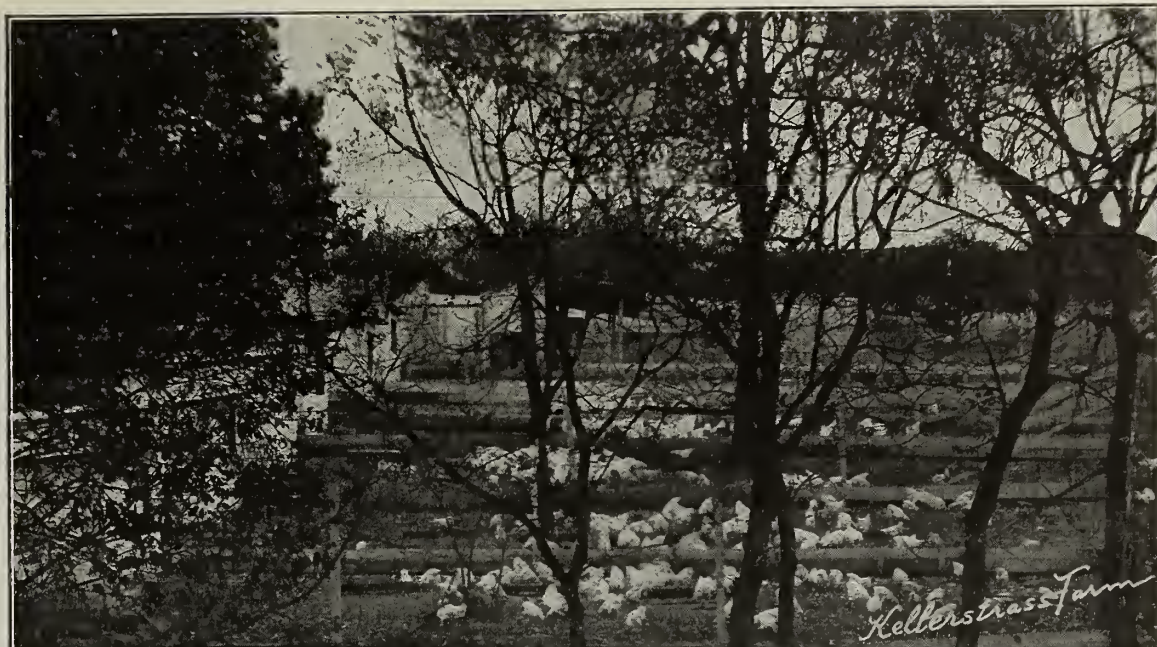
If you will read this book through from one end to the other, you will see that I have made a success, and there are but two things that make success and that is to sell good goods and satisfy your customers, and advertise judiciously. There is no editor nor advertising solicitor that I know

of who would honestly and conscientiously ask you to use a full page advertisement in his paper if a quarter-page would answer that purpose, because it would be very foolish. If this man would advise you to take 2 or 3 pages in his journal when he knew that a quarter-page would be all that was necessary, it would be but a very short time until your advertising would cost you more than you took in. You would go around in the show rooms to everybody, telling them that so and so's paper did not pay you; consequently, that paper would be a loser to a greater extent than the amount of money that they might have received from you in persuading you to use more space than you really needed. So, as I say, if you haven't had any experience in advertising, it is well to talk it over with the various editors and solicitors of the poultry journals. Go to them; they are the ones who can give you advice. They can give you more advice than anyone else. Why? Because it is their business. They have followed it, have made a success at it. But as I say, if you don't advertise, your stock and eggs will never be known, and if they are not known, you can never expect to get good prices. You have heard of my birds—no doubt my birds and my name are known all over the country. Why? It is all on account of my advertising, and, of course, you can rest assured that I couldn't afford to advertise if I did not make the money. Then again, there is something more than just merely putting in an advertisement in the paper. People will start to write to you and ask various questions about your stock and eggs. Sit down and write them a nice letter. If they don't reply to your letter immediately, sit down and write them another letter—explain to them in your letter all about the good qualities of your stock and your eggs, and ask them to give you a trial. No doubt you will hear from them. I have known breeders before now who have put an advertisement in the paper and some one would write to them, asking about their stock and eggs, and they would not make a reply. They thought the man should have sent in his money with his first letter. Well, you know that isn't human nature. We all like to sit down and write a letter and receive a reply from the firm or the man with whom we are going to do business. If we cannot meet him personally, we like to open up a correspondence first and talk the matter over in our correspondence and become better acquainted.

I have written as high as eight, ten and twelve letters to one single customer, before I would make a sale, and I paid me well to sit down and write the man an answer to his questions and explain fully to him just what I could or would give him for his money. You know it isn't natural nor human nature for a man to put his money in an envelope and send it to a party just because he has an advertisement in the paper. We usually like to write to him first and get a letter back again and know more fully what we may expect for our money. Now, remember, I have made a fairly good success in this business and am simply telling you in this article why I think I have made a success. It is due to delivering the goods and to good, judicious advertising. Let me add right here that no matter how good the stock and eggs you raise, unless you do advertise you will never find a market for them. If you have anything to sell, you must advertise and let the world know about it.

A Telegram to the People

In writing an ad for use in a poultry journal do not try to see how many words you can get in the allotted space but see how few words you can use and yet tell the people what you have to sell. An ad that is crowded and too wordy is many times passed by, where the short, well-spaced catches the eye and the reader is bound to finish reading what it says. Let your ad be a telegram to the people, and in short, concise sentences let them know what you have. When they answer your ad, then you can write at length about the various things you are offering for sale.—Exchange



"CRYSTAL" WHITE ORPINGTONS WERE ORIGINATED ON THE KELLERSTRASS FARM, KANSAS CITY, MISSOURI AND WE STILL RAISE THEM BY THE THOUSANDS

Milk as a Food for Chickens

Contended That It is an Ideal Food, Largely Supplanting Meat Foods
Of Special Advantage During the Molt

By J. C. Clipp, Saultillo, Ind.

MILK of any kind is fine for chickens. Skim-milk is very beneficial for young chicks. It seems to answer the purpose of animal food quite well. A friend of ours last season fed milk to his chicks from the time they were hatched until they were grown, and I never saw a finer lot of chicks. They put on the appearance of draft horses. Such great bone and frame was seldom ever seen, with broad backs, deep, long bodies, fine in feather. After disposing of the cockerels he yarded the pullets and hens separately in warm, comfortable winter houses, and fed freely on milk, and it was surprising the amount of eggs he obtained all winter long. During the summer months he fed freely on milk and you could scarcely detect their moulting at all. He exhibited a pen of his birds one season that had been fed freely on milk and when the judge came to them he detected quite a difference in their weight and appearance compared with the rest of the birds he had handled in the show room, and inquired as to how these birds had been fed. After he had been informed that they had been fed freely on milk all their lives he remarked that they were convincing enough of the advantages to be gained by feeding poultry freely on milk. There is no argument about the advantages to be gained in feeding milk to fowls. If you can have a liberal supply of milk for your poultry you are just that sure of having a fine lot of healthy fowls. Chicks will make almost twice the growth in the same length of time when fed milk. I find that when milk is fed freely to the breeding birds the fertility is high, chicks strong, and but few die in the shell; in fact the vitality runs much higher, and the chicks grow right off from the very start.

During the summer months old birds will keep up in vitality and lay right through the hottest of weather when fed freely on milk and wheat bran. Of course, if you have a sick fowl or two running at large with the general flock you should not expect as good results from milk feeding as if you should isolate such unhealthy fowls from the flock. It seems that the heat of summer brings on more or less sickness in old fowls if they are not intelligently handled. Here is one of the greatest mistakes poultrymen can make in allowing sick and ailing birds to run at will with the rest of the flock. With this practice the sick birds drink from the

same fountain as the well birds, and in that way the disease spreads rapidly to the well fowls. Milk will not prevent disease spreading. If you wish best results in feeding milk, you must keep all sick fowls out of the flock, otherwise you will experience great mortality.

If you are in the habit of feeding your chicks three times each day, try feeding milk and feed but twice on grain, and your chicks will develop faster than when fed on exclusive grain ration. If every poultryman could own a fine herd of milk cows of the best Jersey type they would soon find that growing chicks on milk is an easy matter. Milk is not a drink, it should not be considered as such; but consider it as a food. We feed milk and provide water just the same as if we had never given a drop of milk. When hens are fed freely on milk all the year you will note quite an improvement in the egg supply at the coldest time in the winter. Summer care has much to do with the supply of eggs during the winter months. If we can provide our hens with a liberal supply of milk during the mid-summer and especially during moult, I am assured of plenty of eggs throughout the winter. Of all the foods given fowls, I think milk is one of the best possible. It can not be fed alone, as you would to a litter of kittens, but keep it before the chicks of all ages as well as the laying hens and feed wheat bran, corn, and wheat with only a small amount of meat scraps and you will have an ideal ration for chickens of any age. I feed but very little meat, if any, when we have a good supply of milk, and find we get splendid results. Make an effort to provide you hens with milk during moult if no other time.

Some people ridicule the idea that a sitting hen turns her eggs over daily, but if they will mark the eggs with a piece of blue chalk, and keep watch, they will find that some hens turn them over several times each day. The good sitter does more than this. She keeps tab on the heat and if she finds that the eggs are getting too warm she will stand up in the nest and give them a chance to cool off a little. It may be animal instinct, rather than intelligence, that prompts her to do these things, but she does them just the same.—
Commercial Poultry.

Cheap Poultry Literature

Those who have recently gone into the chicken business for profit or for pleasure should be very careful how they read what is published in regard to poultry in Southern papers other than those edited by practical poultrymen. The "poultry department" in agricultural papers, nut growers reviews, fruit journals, and papers published in the interest of special lines of agriculture, has been found to be a drawing card; so they go ahead and establish poultry departments that are in some instances filled with stuff written by folks who know absolutely nothing as to how the business should be conducted in the locality in which the paper is published. Some of the agricultural papers have this department edited and controlled by practical poultrymen, and what you get from them is, of course, all right. It is helpful; the only trouble is that they do not give you as much of it as they should. But when you come across a poultry department edited by the fellow who is a theorist, and who never bred poultry, but who can write on any and every subject that is presented to him, drawing on Northern books and Northern poultry journals for all that he publishes, those who are just learning the business get into all sorts of trouble, frequently get disgusted, sell out and quit because "there is no money in breeding poultry." Then again, papers all over the South publish stuff that is nicely prepared for them, like patent medicine, by a company, or a



A winning pen of Crystal White Orpingtons at Kansas City Fair, Kellarstrass Farm.

publishing syndicate, and shipped all over the country for the weeklies and monthlies (agricultural), and some of the dailies, some of which is the veriest nonsense that you ever read. This stuff has pictures of cows, horses, sheep, billy goats, fowls and many other domestic animals, and then a lot of the most abominable fiction that any paper ever contained. All of this stuff—pictures and reading matter—is made of first-class "pot metal." You can tell this patent outside or inside matter just as far as you can see it. Now, so long as these "patent medicine" publishing folks confine themselves to furnishing their patrons with extracts from books and papers such as historical incidents, poetry, scientific subjects, etc., it is all right; but when they go into agricultural subjects and publish extracts from the Northern papers or books, telling Southern farmers and poultrymen how to farm and how to raise poultry from a Northern standpoint, it is sure to hit some one who does not know which is poison and which is harmless. At the very root of this evil is this: The publishers of these papers pay less for what goes into their papers than is paid anywhere else in the United States. It is "Cheap John" stuff which papers in other sections would hardly put in their papers if paid for. Among our people there are many up-to-date poultrymen who write for the poultry and also for the agricultural papers, and then there are others who think that they know much more than they do, who do likewise. The poultry papers are edited by men who must know their business—must be practical poultrymen, and therefore, are able to sift out the trash and publish only that which is helpful. The other papers (most of them) know nothing about the business and just put in

everything that comes to them free—trash and all. Poultrymen read this stuff and laugh over it; beginners read it and believe it. Well, it is voluntarily contributed; it costs the publishers of the paper nothing; but there is no known way of estimating what it costs the poor fellow who follows the advice given him.

Now, it is unfortunate that these papers are circulated almost entirely among farmers—the people of all others that should get only that which will benefit and not injure them. They do not generally read as much as they should, and, like many other people, particularly those who do not read very much, they believe almost everything they "see in the paper," and so they get into all sorts of trouble and finally "quit fooling with chickens." There is only one remedy for the suppression of this evil, and that is the establishment of poultry schools all over the entire South, where men, women and children can be taught by practical poultrymen how to incubate, feed, and market poultry; and then how to mate the fancy to produce for the shows the show birds that will win the blue ribbon, and at the same time be utility fowls that cannot be excelled.—YOUR UNCLE DUBLEY.

Grit Essential to Health of Fowls

Many amateur breeders seem to forget that grit is absolutely essential to the health of the fowl. I have a letter received in today's mail, asking various questions relative to the cause of hens not laying, etc. Where hens are confined to a city or small lot and deprived of grit, you can expect trouble, as well as no eggs. Grit is essential in more ways than one: it is the hen's teeth. The gizzard requires it, hence, it is indispensable. It seems to be a thrashing of old straw when dealing with the subject of grit for fowls, yet at the same time there are hundreds of poultrymen and farmers that lose sight of the value of grit; it does seem that the average man is easy to forget. We are all guilty of neglect, but it must be remembered that grit for fowls is very necessary and can not be neglected. Did you know that if fowls do not have grit a great amount of food escapes the fowl's body without being taken up by the system. The gizzard must be supplied with grit in order to thoroughly prepared the food for absorption by the system. The fowl that is not supplied with grit will easily contract disease. Thousands of fowls die annually for the want of grit. Grit eliminates disease. Not one time in a thousand will a fowl contract disease if it is provided with good sharp grit and charcoal. Grit saves food; it is economical from a financial viewpoint.

Broken crockery is the best grit I ever used for fowls. It serves two functions, i. e., a food grinder and a supply of phosphates and carbonates. Oyster shell is a poor grit, it is too soft for the gizzard. It will supply the system with some lime and carbonates, but is lacking as a masticator. Sharp grit can be obtained easily, and there is no excuse for using oyster shells for grit. I am surprised to see some poultry writers denouncing broken glass for grit; but I have used it more or less for over twenty years and find it to be par excellent. We have a grit box fastened to the wall of every poultry house where the fowls can run to it at will and I find they consume quite a lot in a very short time.

Every reader should have a copy of "Hen and Chicks," published by THE INDUSTRIOUS HEN Company. It will be worth dollars to any one that has a dozen hens to feed. It is one of the best text books I ever saw. No breeder of poultry can afford to be without it. It gives you the experience of a score or more of experienced poultrymen and certainly it will be found a valuable volume to any one interested in poultry. You will find that it is a first class instructor on feeding and caring for poultry. Remember, it is the proper feeding and care of fowls that make the owner money.

There is easy money in poultry, if you fully understand the art of managing a flock of fowls. There never has been enough stress placed on the different phases of feeding poultry. "Just feed" is not sufficient for fowls. They must have grits, shells, charcoal and cut bone, as well as food. If your fowls are suffering with indigestion or bowel trouble, provide a liberal amount of grit, etc., and note the marked improvement. Diseases will be a very rare occurrence where proper management is administered to the fowls daily. Grit will be found one of the greatest helpers of anything supplied to fowls, for eggs or for proper growth.—J. C. CLIPP, Salt Lake, Ind.

The Industrious Hen's Special Cup.



The above cup stands about 20 inches. It is silver, has three handles and sits on an ebony pedestal. It is one of the most beautiful cups we have seen, made especially for this journal, and is given to the poultry association sending us one hundred subscribers to *THE INDUSTRIOUS HEN* at 50 cents each.

The Jefferson County (Ark.) Poultry Association has just received one of these cups engraved through Secretary E. W. Phillips, and is offering it at its next show, Dec. 13 to 17, to be competed for until won three times by the same exhibitor, for the best pen of Wyandottes. Other associations are endeavoring to secure this cup. Further information will be cheerfully given.

The Poultryman's Fall Work

The fall season of the year will find the average poultryman a pretty busy personage. This is the time of the year when he must watch out, or his whole season's work is liable to be lost. In addition he usually has crops to gather, which only increases his burdens.

So, therefore, it is very essential that all that can be done in October, be done, to give more time to the November work. A poultryman should carefully map out his work months before the actual work is done. He should then live up to this standard, and do his work at the proper time.

One of the most interesting subjects at this time is poultry house construction. The fall season is one of the most popular times of the year for commencing in the poultry business. At this time of the year, stock of good quality can be purchased at a reasonable price and the cost of labor is usually low.

As the house is very important, let us discuss that first. A poultry house should be minus all useless appliances and devices. These are usually expensive, useless and only provide a harbor for mites. Build your house as simple and cheaply as possible, but make it comfortable, for having comfortable quarters for your fowls is one of the keynotes to success.

The interior should contain nothing but the nests, drop-boards, and dust bath. Have everything removable, so that your house may be cleaned readily. Be sure and have the front of your house partially covered with muslin. This insures perfect ventilation and healthier birds.

If you haven't a satisfactory floor in your house, put in a concrete floor before the frosts commence, then cover with litter. I have found this to be a good, substantial floor, containing all of the good qualities necessary. Board floors are a nuisance, while earth floors are liable to be damp; therefore, try a cement floor, covered with loam, and you have an ideal floor.

Now is just the time to lay in a good supply of earth for winter use. Select good sand or loam, and then store it away where it will keep dry. Old barrels or boxes will come in handy for this use. There are so many uses that good, dry earth can be put to in the winter, that this feature of fall work should never be overlooked.

If your young birds are still roosting out in small colony coops, it is time that they should be moved to more comfortable quarters in the winter houses. Prompt attention to this very important work may save you the loss of some valuable birds by roup or co'ds. Get them in the roosting habit now, and you will have no more trouble.

Do not make the universal mistake of shutting all the windows and doors in your poultry house simply because of a possible frost. If there are cracks on the north side or east or west end, nail on the boards and cover the cracks with building paper; but always remember to leave the south side practically open. A tightly closed poultry house is a very cold and unsanitary one.

Provide plenty of nests for the early-hatched pullets for if they are compelled to lay in the corner, the habit of egg eating may be formed. This is a habit, that if it once gets in a fowl, is a very difficult enemy to cope with. See that there is a good supply of grit in the hoppers.

When moving the young stock into winter quarters, be careful about crowding. There is but very little danger of growing chickens getting too fat; so, therefore, feed them all they will eat at this season. Corn can safely be fed to half-grown chicks at this time and will give good results.

This is a good time to lay your plans for next season's business. Plan your advertising campaign carefully. Key your advertisements, and then by comparison you can easily tell which papers are doing the "pulling." Order the incubators, brooders, bone cutter, trap nests and what supplies are needed. You will then have no troublesome delays at the time when you need these articles.

In conclusion, let me urge all who read this article and are not keeping any fowls, to purchase a few and try it for a few months. You do not have to get very many. In fact, it is better to get a standard-bred trio than it is to purchase a whole houseful of mongrels. Start right and keep in mind "quality instead of quantity."—LYNN C. TOWNSEND, Weedsport, N. Y.

While we believe in breeding up for heavy records, at the same time we would rather have our hens average 120 eggs a year, and remain in robust health, than to have their systems drained of vitality in the race to pass the 200 mark. There is a reason in all things. If we are to force our stock ahead to be champion layers, we are going to do it at the sacrifice of something else. What will become of our meat supply, if we are going to put all the forces to work on eggs? When we spend our food and attention on the fowl with a view to creating an ideal carcass, do we not make the egg yield suffer? Will not this unnatural flow of eggs tend to cripple fertility and make weak, puny chicks? Why not work for both eggs and meat? Why not have a limit? If we can gradually increase the powers of a hen so that she will average 200 eggs a year, and still maintain health and meat qualifications, it is advisable to go ahead. But to build up the one at the expense of the other, will eventually produce a delicate race. We want the 200-egg hen if we can get her within reason.

Fowls laying brown or dark brown eggs as a rule have yellow skin and orange-yellow legs—while those laying light colored eggs have whitish skin and light (lemon) colored legs. By selecting the dark eggs to hatch from, and breeding from the yellow-skinned and yellow-legged birds, the quality of the dressed poultry will be greatly improved.

Appalachian Exposition, Knoxville, Tenn.

Some Pleasing Features of this Notable Show

By J. H. Drevenstedt, in American Poultry World

THE Appalachian Exposition which closed on October 12th after a successful month's run at a well located and picturesque park, two miles distant from the center of Knoxville, is destined to become an important and permanent fixture among the great fall shows of the country. It proved a success because it was conducted by successful business men of Knoxville and the great Appalachian territory, rich in natural resources. To bring out the latter was primarily the object of the Exposition but it grew beyond the original plan and gravitated into a real live stock and industrial fair, one that will attract national attention and command universal respect in the future.

Space forbids describing all the good features of the Exposition, so we must content ourselves with a brief report of the poultry exhibit.

The credit for making this department a success is due to L. B. Audigier, one of the directors of the Appalachian Exposition. Mr. Audigier worked honestly and intelligently to provide a poultry show that was up-to-date in cooping, housing and classification. That he succeeded, all exhibitors present were ready to admit without hesitation or qualification.

The building was well adapted for the show, the floor space being ample, the light and ventilation excellent. Spratt's furnished a brand new outfit of cages and handled their end of the penning in rare form.

The entries were not as large as expected, not exceeding 1,200, but thereby hangs a tale. Many more birds could have been penned, had Mr. Audigier been possessed of pliable backbone and accepted late entries after the date of closing for the latter. He returned some large entry fees, and lost several hundred birds, because he firmly adhered to the closure rule. For this he is entitled to much praise and when another year rolls away, he will find little or no difficulty in getting entries in on time. The policy of the Appalachian Exposition is quality, not quantity, in all its exhibits. What the poultry entries lacked in number, they made up in quality, in most classes.

The surprise of the show was the great Orpington classes, in fact more than one fancier said it was an Orpington show. As we handled and judged these classes, we can corroborate the statement, for the classes were heavy and the competition very keen. Percy Cook made a clean sweep in the Black Orpington alley, also winning the coveted Judges' Cup for the most typical exhibit of any one variety. His first pen, hen and cockerel were magnificent in type, color and massiveness. Other remarkably fine Blacks were shown by Miss Pelton and Mrs. Upson.

Buff Orpingtons, a great class, Mrs. Bridgewater having some fifty entries alone, and capturing first pen, first cockerel and first hen with birds sound in color, large in size and of good Orpington type. Mr. Cook took the blue with a very good and blocky bird in the cock class, and captured a second with a cockerel that when fully matured will take a lot of beating, as he has the massive shape but was not in full feather. Pullets, a grand lot, first, second and third being Orpingtons all over in color and type, all well shown; other pullets not in the money, needing only age to develop into winners. White Orpingtons about as warm a lot of good ones as we have had the pleasure of passing upon. Louis Lee Haggin swooped down from Lexington, Ky., with a great string of Whites and captured every blue ribbon. His birds were beautifully shown, being in the pink of condition and of the best type, notably the four hens in his first pen, a rarely even lot of females, great in size, fine in type and snowy white in plumage. First White cock, a big fellow, who knows his worth by posing whenever he is fondled or handled by judge or exhibitor. First hen and pullet, also superior in color, shape and size, with second pullet close up. First cockerel in fine fettle, well shown, of fine color and type and was a most promising one, very solid and blocky, but not in good condition. All the winning pens were good in color and type, while some pens might have been among the winners, had they been properly mated in color one pen especially losing a place by having a blue legged pullet among the properly white or pink legged ones. The Orpington fever has evidently reached the South in a most infectious form.

Rhode Island Reds were also quite strongly represented, the single combed variety showing much class in the cockerel

and pullet entries, color and shape being well balanced in the winners. Rose Combs, smaller classes and not any too strong in old males and females.

Barred Plymouth Rocks fairly strong, the first pullet, first, second and third hens, first and second cockerels and first and second pens, being represented by specimens of excellent quality, color and barring being very good.

White Rocks, very small classes, but winning hen, pullet and pens were sound in color and of very good type. Some very excellent Buff Rocks were exhibited, notably first pen, a beautiful even buff lot of fine type. Some Buffs were shown with remarkable evidence of being artificially colored on wing bows and in hackles, so were disqualified, a rare instance, as Buff Rocks are not good subjects for color artists (?) to work on.

Leghorns were excellent classes with some rarely beautiful Browns in the line up, but Knoxville fanciers are famous for the Browns, so W. Theo. Wittman was in his glory judging these classes. When the Allentown feathered king got through with his job, he looked like one of Rostands characters, his Stetson soft hat being decorated with Brown Leghorn hackle and saddle feathers. The cockerel at the head of the first pen was the star attraction for Judge Wittman, and the bird deserved all the praise he received being a beauty in style, size and color. The winning cocks, cockerels, hens and pullets in the open classes were all shown in superb shape and made one wonder why Brown Leghorns are so rarely seen in goodly numbers at our Northern shows. White Leghorns, big classes with some strong individual quality among the winners, but the type as a rule is not up to the accepted fashionable low carried tail birds that do the winning at Northern shows.

Wyandottes brought out some very good specimens in the Whites, a few very good Buffs, but the other varieties were not what we expected at such a show, the classes being small, all through. The Columbians made up in quality what they lacked in numbers.

Asiatics chiefly noticeable for some really good Light Brahmas and a few Langshans. We missed the great and high-class Langshans that are usually found around Bristol, Tenn. Minorcas, fairly good classes, but Hamburgs and Polish were weak. Bantams small classes, but the exhibit was saved from being featureless by Dr. Cleckley's great string of Black Red Game Bantams, a rare treat to lovers of Game Bantams. The first prize and cup winner was one of the peachiest and best proportioned Black Reds we have seen in a number of years. Second only to him was the first prize pen of Black Reds, a typical racy lot of females headed by a showy male.

Waterfowl exhibits very suitable, some good Indian Runners being the attraction.

Superintendent Vaughan and his assistants handled the birds in excellent form and attended to the office work promptly and efficiently. Visiting fanciers were royally entertained by the management, several dinners and banquets being pleasing features of the week. Knoxville papers, notably "The Sentinel," did splendid work in writing up the poultry exhibit, in fact every Knoxville took pride in the show and contributed his share to make it a go.

When the next annual show is announced, we feel safe in saying that double the number of entries will be received and many new fanciers will be found among the exhibitors. Confidence in a show management is half the battle and the latter has been won by the Appalachian directors in such a gratifying manner that the Appalachian Exposition is bound to be a winning attraction for years to come.

If fowls pay others and don't pay you, don't blame the fowls. Henry Ward Beecher, the great Brooklyn pulpit orator, is reported to have once said: "When the people get sleepy in my church they usually wake up the preacher." This applies to the paying qualities of fowls in the hands of others and of yourself.

Use the head as well as the hand in the poultry business. Brain rules brawn, thought governs action, and in the poultry business there is room for both.

Poultry Diseases and Their Cure

ANSWERED BY J. A. THORNHILL.

LIMBERNECK.

I have had an experience with my chickens, and we have lost about all of our birds before we could locate the trouble. I had a large collection of Rocks, Brown and White Leghorns, which have all died. They were affected in this way: Their necks would become very lengthy and limber and they would soon die from the trouble. On investigation we found their crops full of live worms and were from one-half to an inch long. I would appreciate an answer to this letter.—D. P. KEEVER, N. C.

Answer:—From the meager information contained in your letter, I conclude that your chickens are affected with limberneck, the overeating of putrid meat, maggots, filth, etc., causing a violent inflammation of the crop and other digestive organs. Remove the cause. Give ten drops of turpentine to each bird, after which follow with a teaspoonful of castor oil. Keep birds confined, and feed on soft food for several days. Better not allow them very much to eat for several days. The first symptoms of this disease are: The head droops, often hanging straight down; the mouth is full of slimy matter, the droppings at first are a whitish

sharp-pointed stick, dip cotton into the creolin and press it firmly up into the gland. Keep the cockerel separated from the flock and treat him for several days.

WHITE DIARRHOEA.

Your article on the problem of "White Diarrhoea" in June, 1910, issue of THE INDUSTRIOUS HEN has been read by me with a great deal of interest. I want to use Zenoleum as a disinfectant, but am unable to purchase it here. Will you kindly inform me who makes it, and if it can be secured in this part of the country or in Alabama; also the cost? This question of diarrhoea is a vital one to persons operating an incubator, and I want to use all proper precautions necessary.—J. R. J., Fla.

Zenoleum is a strong disinfectant. It can be purchased from any reliable dealer, or write direct to the company, The Zenner Disinfectant Co., 201 Lafayette Ave., Detroit, Mich., and mention this journal. They will also send you free book, "Chicken Chat," which will prove invaluable to you. See their ad on page 129 of this issue.

White diarrhoea is a problem, and one that all poultry keepers are more or less in doubt about. It should be treated in time to prevent its first appearance among chicks; this can only be done by proper sanitation. The eggs should be dipped in a 90 per cent solution of alcohol. After chicks



Single Comb White Leghorns, as bred by Wilber Bros., Cleveland, Tenn. A promising bunch of five months old cockerels, sired by Perfection and Bob White.

substance, after which it turns to yellow, then green. The disease proves fatal in from one to six days.

EGGS STREAKED WITH BLOOD.

Another subscriber writes: My pullets have just begun laying and many of their eggs are streaked with blood, especially on small end of egg shell. Kindly tell me if there is anything wrong with them.

Answer:—Don't be alarmed over your pullets' condition. Often the first half dozen eggs laid by a pullet will be as yours are. Old hens will, after several months' rest and their molting period, lay eggs of the same nature. It may be that you are feeding your pullets on too stimulating food. Feed them a liberal supply of grain in deep litter and supply them with plenty of succulent green food, preferably green clover.

CANKER.

Another subscriber writes: I have a cockerel that has a large lump on the right side of his face. What is the trouble? Also, kindly send me a remedy.

Answer:—Your bird is no doubt suffering from a cankerous growth on the inner side of his mouth. Examine the gland and see if you don't find a large lump of yellow pus in the gland on this side of his face. Open his mouth, put the fore-finger of the right hand behind this lump on the inside of the birds mouth and with the thumb of the left hand, press the lump of yellow pus out. Burn this and treat the cavity from which it came with pure creolin, applied with medicated cotton. Twist the cotton around the end of a

are hatched, everything kept clean, their feed of the right kind and their surroundings kept warm. Neglect brings about more of this trouble than all other causes combined. Every case of diarrhoea shouldn't be looked upon as the dreaded "white diarrhoea." Many things will derange the chicks' bowels, yet, not carry the germinating power that "white diarrhoea" does.

HENS STOPPED LAYING.

My hens have stopped laying. I have been feeding them twice a day for the past few weeks on green turnip tops. Several old people tell me that turnip tops will stop them from laying.—A. Subscriber, Miss.

If your present methods of feed, care, etc., are such as they were at the time your hens stopped laying, and they are not molting too freely, your trouble lies in the turnip tops. I know from experience that turnip tops at certain ages are not suitable green food for laying hens. A case similar to this came under my observation not long since. A lady sixty years old, who was very successful in winter egg production, one winter had plenty of turnip greens. She fed them to her hens, and to her surprise they wouldn't lay. She brought her troubles to me. I requested that she discontinue the turnip tops, and sure enough her hens "got busy" towards filling the egg basket. A hen will occasionally lay out a litter of eggs and rest several days before beginning again. This isn't the result of inactivity nor indifference on the hen's part, but for the lack of proper elements to continue her mission. Continue the methods that have proven successful with you and your hens will be laying again soon.



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Poultryman, Live Stock Breeder and Small Farmer

Entered at the Knoxville Postoffice as second-class matter

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Vol. 7 NOVEMBER, 1910 No. 6

Who ever heard tell of a show where there were no kicks? The recent poultry show held in connection with the Appalachian Exposition came nearer this axiom than any show held in the South in recent years.

* * * *

In Wilson County last year \$1,000,000 worth of poultry supplies were shipped through the produce houses of Lebanon alone. Poultry brought more money into that county than any other branch of industry. Poultry is coming into its own in the South and Tennessee in particular.

* * * *

A good show record makes good business for the fancier. The exhibitors who captured the premiums at the Appalachian Exposition, the State Fairs at Nashville, Memphis, Birmingham and Macon should wage an extensive advertising campaign this season. An advertisement in THE INDUSTRIOUS HEN each month would be a profitable investment during the season now at hand.

* * * *

Owing to the increasing demand for stock and eggs, which is far greater than the supply, there must be some means made to stimulate the interest and enlisting the aid and support of a greater number of individuals in the breeding and keeping of poultry. A business that means as much to the State of Tennessee as the poultry business should have State aid. This would tend to increase the production, especially among the farmers, and the supply would be equal to the demand.

* * * *

Farmers over the South are starting poultry farms every day. Many of them are sending North for their birds. Northern breeders would find it very profitable to carry an ad during the coming season in THE INDUSTRIOUS HEN. It would be a good investment for them. The fact that these farms are being started only demonstrates the business sagacity of the Southern farmer. Considering the present high prices which market chickens and eggs now bring, it is no small wonder that so many are going into the business.

Quality of Southern Birds

Many of the Northern shows are soliciting Southern breeders, and we hope to see many of them in evidence. Madison Square, Grand Central Palace, Baltimore, and others are asking Southern breeders to show with them, saying: "the South has as much quality now as any section of the country."

* * * *

Superintendent Exposition Poultry Show

Mr. J. C. Vaughan, of Lebanon, Tenn., deserves great credit for his able management, care and handling of the birds at the Appalachian Exposition Poultry Show. The arrangement was favorably commented upon by all, and the unanimous opinion of visitors was that it was the best arrangement of any poultry show ever held in the United States. The Exposition Directors made no mistake when they selected Mr. Vaughan as superintendent.

* * * *

Get in December

Get an ad in the December issue of THE INDUSTRIOUS HEN. It will be a big paying issue for you, as it is the time to advertise and sell off that surplus stock you are feeding and caring for before the extreme cold weather sets in. Let the other fellow take care of the birds, while you look out for the "mazuma." The advertising rates of THE INDUSTRIOUS HEN are reasonable, and this publication reaches the people who will buy, if you have the birds and the right price.

* * * *

Ladies' Auxiliary of the A. P. A.

Recognizing the important part the women are taking in poultry culture and appreciating the splendid work which they have accomplished in the poultry industry, the American Poultry Association has formed a Ladies' Auxiliary to that organization. This is a step in the right direction, as the women are certainly entitled to recognition when it comes to poultry raising, because it is a well known fact that they are the most successful poultry raisers and raise at least three-fourths of all the poultry produced, and if they should take it into their fair heads to push their organization, it would not be long before they would swell its membership to such proportions that it would soon outgrow its parent body. We doff our hat to the ladies. God bless 'em!

* * * *

Complimentary to the Poultry Press

Ernest Kellerstrass is the greatest poultry advertiser in the world. He is in charge of the great Kansas City show and pays \$300 a day rent for the hall in which to hold the show, and gives it absolutely free to the State of Missouri, from November 29 to December 3. He says he is doing this in order to give to each and every poultry journal that wants to come, free space. We think the principle advocated by Mr. Kellerstrass is right. We have long since entertained the hope that some day the managers of poultry shows would recognize the fact that some courtesy was due the poultry press. The fact has been brought to the attention of the world by one not connected with the press, and we predict that in the future no poultry journal will be required to pay a stipulated sum for a few square feet of floor space at a poultry show. The poultry press has an up-hill business at best, and few people realize what it costs the publishers to carry free readers, boost poultry shows, etc.

* * * *

Hen and Chicks—

The new 300-page poultry book for fifty cents (50c). Tells all about chickens from the egg to maturity, and also gives the secret of "Making Money Raising Poultry." It is fully illustrated with many of the different breeds, and every article is indexed. Hundreds of books sold the first month, and every one brings a testimonial of its worth. Risk 50c on it, and if it does not give satisfaction, money will be refunded. On sale at Monroe Howard's, Clinch St., S. B. Newman & Co., and THE INDUSTRIOUS HEN Co., 617 Gay Street, Knoxville, Tenn.

Don't Be Too Late!

It is the early advertiser that gets the business. Don't delay telling our readers what you have to sell. Let them get acquainted with you and get your prices. You know as well today what stock and eggs you will have to dispose of as you will next week. Write out your advertisement and send it to THE INDUSTRIOUS HEN at once. Say how much space you want to use each month and we will make you a price. GET YOUR AD IN THE DECEMBER ISSUE and keep your name prominently before the public and it will bring you business. Write today.

THE INDUSTRIOUS HEN CO., Knoxville, Tenn.

Convicts as Road Builders

Sentiment in Tennessee now is so strongly in favor of abolishing the contract system at the State penitentiary and placing the prisoners on the public roads of the State that no representative can well afford to ignore this sentiment. Instead of encouraging home and foreign capital to invest in factories which will employ large numbers of people, Tennessee by its lease system is doing all it can to discourage the legitimate employment of capital and labor; is robbing manufacturers of their just profits, and taking away the occupation of hundreds of citizens who must support themselves and others dependent upon them. Tennessee today, according to men familiar with coal operations, is not getting half the revenue from its coal mines that it should, and yet this method of using the convicts is antagonistic to the views of the laboring people of the State. The convicts in the main prison are leased to contractors at about one-third per man what common labor is paid. If on the public roads, the convicts can be worked without coming in contact with free labor, and these good roads will be a work that will bring untold benefits to farmers, and the enhancement of property values, it is time to take the penitentiary out of politics, and place the convicts where they belong; where they will be of lasting benefit to all the people. Let every man who has the welfare of the State and the people at heart get in touch with his representative and insist on putting the convicts on the roads.

* * *

A Campaign of Education

With the present high prices of foodstuffs, the question of living has become the all-absorbing topic. The law of supply and demand is now stretched to its utmost bounds, and the people must look somewhere for relief.

For this reason, the poultry business offers more advantages to the farmer of the South than anyone else. But there must be some means by which the farmer may be brought to a realization of this fact—some means to stimulate the industry. With every facility of the successful poultry keeper, with the best climate and the highest prices prevailing, the Southern farmer hardly realizes what the business means to him, and has made little effort to increase the supply.

The South is producing several million dollars worth of poultry and eggs each year, but this is only a drop in the bucket to what it will be turning out in a few years if there is an active educational campaign made to stimulate the industry. Ideal climatic conditions are here and the varying temperatures suit the ideas of the different fanciers.

State aid for the State shows and county aid for free county shows will serve to help this cause. But before the various associations can secure this aid a campaign must be waged on the part of our poultrymen to show our legislators and the members of the county courts, individually, that advantages will accrue to the people by this step. The County Courts imagine that when an appropriation is asked to defray the expense of conducting a free poultry show, that it is a scheme on the part of the poultry associations to advertise their birds without cost to themselves. They must be convinced of the fallacy of this idea before appropriations will be made.

For instance, there is a county in Tennessee with a live poultry association, but for the past four years there has been no effort made by the public to support the show. The County Court was appealed to in the matter. It was pointed out to the Court that the poultry business brought nearly \$1,000,000 annually into the county; that this business was bringing more money into the pockets of the farmers than any other avocation, and this appropriation would stimulate the farmers

along this line to greater efforts. Yet the bill which appropriated a small sum for the purpose of further educating and encouraging the farmer was defeated by a large majority on final roll call. The Court, by this action, has retarded the poultry business in that county for years to come. The Court must first be educated.

The above illustration is given to show the Southern poultryman the character of the work he is called upon to perform. This great Southern educational campaign is no child's play. It is a work that will call forth united energy and concerted effort on the part of poultrymen all over the South. The senseless bickerings and grumbings on the part of the chronic kicker must cease and the cause of it all removed.

The present question of living makes this educational campaign all the more inviting and absolutely necessary. And when the good work is at last accomplished, the South will assume the position in the poultry world where she rightfully belongs—at the very top.

* * * *

Watch the Flock

At this season of the year fowls are more susceptible to disease than at any time during the year. I have said very many times that carelessness is a prime factor in the cause of poultry diseases. It sometimes happens that just a little carelessness causes a very large amount of trouble, if not great loss, to a breeder of poultry. We have just passed through a long-continued rainy spell. Watch the roosting places, the hen house, the nests where the little fellows sleep and where hens lay. Where at noon the hens have retired for a little quiet and rest a liberal sprinkling of lime will do much to prevent vermin from collecting for breeding purposes. Carefully remove the droppings in the hen house every day. If there is, as there should be, a ground floor, see that it is filled in with sand or soft earth two or three inches above the outside level. Be sure to have a comfortable place for the chicks at night; as in the hen house, make their roosting place of sand or soft earth, elevated above the ground level, with a little lime on top, and be sure to clean it every day and disinfect with a good mite killer. Watch for mites and lice; do not let them get ahead of you. Watch every chicken, large and small, in the flock. The minute you see any one of them droopy, take it up, find the trouble and correct it. If at all sick put into the hospital. Fowls suffer more than most people think from a disordered liver in summer. There are many simple remedies that will quickly bring the liver back into healthy working order. Did you know that there is a weed growing all over the South and one that every old negro knows all about, that is the best liver medicine for fowls that could be used? Well the weed is dandelion. The root only is used. It should be carefully dried this season for next summer's use; but can be given green with good results. Dig it up, cut off the top, put the roots in a warm, dry place, and when your fowls have diarrhoea, give them a piece of it about one-fourth the size of a lead pencil, mashed up, if not thoroughly dry, and beat up fine, if dry. Now, as I have said almost every disease that fowls are subject to in summer comes from a disordered liver. The liver causes indigestion; indigestion causes diarrhoea, and, if not checked, diarrhoea causes death. Therefore, go to the source of the evil; get the liver in good condition, and as a natural result you cure all three of these diseases by curing one. Keep everything clean; do not on any account leave decayed flesh where a fowl can get it. Maggots (some think) cause limberneck. I know that they cause cholera and cholera is incurable. Besides, it is extremely contagious. If it gets a good start it will in all probability go through the flock.—YOUR UNCLE DUDLEY.

The Kentucky Banquet

One of the very pleasant social features at the Appalachian Exposition was the "Kentucky Banquet" at the Atkin House, given by R. V. Harp, W. E. Johnson, L. L. Haggin, Frank L. Smith, F. H. Gordon, Henry Bush, all of Lexington, Ky., J. W. Powers, Maysville, Ky., Harry Martin, Poindexter, Ky., and H. S. Thomas, Georgetown, Ky., to Director Audigier, Secretary Campbell, Superintendent Vaughan and the poultry judges. Later in the evening all of the above and many other fanciers were entertained at the Cumberland Club banquet, one of those large hospitable and memorable occasions the Southern people are noted for. The poultry industry in the South is growing rapidly, especially the standard-bred end of it. Many of the best Southern planters and suburban dwellers of the larger cities becoming interested in the popular breeds.—J. H. DREVENSTEDT, in *American Poultry World*.

A New Breed in the Standard

THE INDUSTRIOUS HEN is in receipt of a letter from Mr. G. W. Spert, the well-known poultryman of Madisonville, Ky., in which he states that he is launching a new breed, the Partridge Plymouth Rocks. Mr. Spert intends to push this breed to the front in the South. We personally inspected these birds at the Tennessee State Fair, and predict that they will have a ready sale among our Southern breeders. Mr. Spert won most everything he went after in that show, and he will take his string to Chicago in December. The breed was admitted to the Standard last August.

Mr. A. G. Calloway, of Louisville, Ky., announces a grand sale of young stock in "Ringlet" Barred Plymouth Rocks. He has the reputation of breeding only the best and breeders who desire some good specimens in this popular breed should write Mr. Calloway.

Asheville Poultry Show

Will be held Dec. 8 to 12, with J. H. Drenstedt as judge. Asheville has the reputation for doing things right and having a good show—this will be no exception, except that it will be better than ever. Send to Chas. Beers, secretary, for a catalog.

Brings Him Great Results.

Mr. G. B. Moorhead, of Lynchburg, Tenn., who, outside of raising some of the finest Buff Orpingtons in the South, is the genial clerk of the county court of Moore county, has imported one of the best pens of Buffs from Canada that money could buy. Mr. Moorhead, in reference to THE INDUSTRIOUS HEN, says, "your journal is bringing me great results. I am getting inquiries from all over the country, which shows you have a good circulation."

Sicilian Buttercups

Mrs. J. S. Dumaresq, Easton, Md., has 100 fine Sicilian Buttercup cockerels and pullets for sale. These birds were first prize winners at the great Appalachian Exposition Poultry Show. Anyone desiring Buttercups of undisputed quality should not fail to write Mrs. Dumaresq.

WHITE PLYMOUTH ROCK EGGS

\$1.00 for 15 • \$1.75 for 30 balance of season. From good stock. Fishel and other leading strains.

L. C. CASS

MARION, KY.

R. R. No. 1

BARRED AND WHITE PLYMOUTH ROCKS

again winners at the Tennessee State Fair, Sept. 1910
Day old chix a specialty.

COLLIE DOGS. EGG ORDERS NOW BEING BOOKED
SANFORD McFERRIN, Springfield, Tenn. R. F. D. 5.

WARD'S RHODE ISLAND REDS

Eggs for hatching a specialty. Prize matings \$5 per setting. First class utility yards at \$2 per setting or two sets for \$3.50. Incubator lots at \$8 per hundred. A few choice pullets and cockerels yet to spare. Free circulars.

LAKEMONT POULTRY FARM

C. Fred Ward, Prop. --- Box 57, WINTER PARK, FLORIDA

KILMAN'S S. C. RHODE ISLAND REDS

BEST IN THE SOUTH. Have won this season: At the great Tri-State Show at Memphis, three thousand birds on exhibition from Massachusetts to Texas, FIFTY DOLLARS IN GOLD FOR BEST FIFTEEN BIRDS, any variety, seven states competing; also shape and color special, both male and female, besides regular prizes. At Hot Springs, Arkansas, State Fair: First cockerel, first, second and third pullet, first pen, cash sweepstakes for best display of Reds, also silver cup for best pen in show, any breed. Last season FIRST at Memphis, Corinth, Huntsville and Little Rock. They win, lay and pay. Stock and eggs. Mating list January 1st.

W. F. KILMAN --- Bald Knob, Arkansas

WHITE PLYMOUTH ROCK AND S. C. BUFF LEGHORN EGGS FOR SALE

My pens are made up of the very best stock obtainable. My prices are right. Write me your wants.

L. A. DICK,

New Market, Tenn.

FORBES POULTRY YARDS, New Decatur, Ala.

Breeders of Barred Rocks, Black Minorcas, White Wyandottes, Brown and White Leghorns. Champion prize winners wherever shown. Stock for sale. Eggs, \$2 to \$5 per 15. Won at Alabama State Fair, silver cup for best cockerel, hen and pullet, White Leghorns; specials for best display Mediterranean class and for best cock, cockerel, hen, pullet and pen; 35 ribbons and 11 specials.

FOR SALE

200 FINE YOUNG SINGLE COMB BUFF ORPINGTONS

from prize winning stock. I also have one first prize cock and some nice year-old hens that I will sell cheap to make room. Satisfaction guaranteed.

C. B. MOORHEAD, --- Lynchburg, Tenn.

THIS SPACE BELONGS TO

C. H. DOZIER & SON

... BREEDERS OF THE ...

Famous Barred Plymouth Rocks

They have added to their yards White Plymouth Rocks which we hope to be as successful in the show room. Time will tell. They are from as good a strain as there is in the East, West, North or South.

A few White cockerels for sale. Write for prices.

C. H. DOZIER & SON

(Successor to C. H. DOZIER)

MARION, ALABAMA



Crown Bone Cutter
 Hens fed cut green bones lay more eggs. Get a Crown Bone Cutter. Send to day for catalogue. Wilson Bros., Box 816, Easton, Pa.
BEST MADE Lowest in Price

Knoxville's Great Show

Poultrymen look to Knoxville every winter for a good, clean poultry show—and they get it. This year will be no exception. January 18 to 21 are the dates fixed, and C. A. Emry, of Carthage, Mo., is the judge. Mr. Emry is not as well known in the South as in the North and West, but he is a No. 1 poultry judge and a thorough conscientious gentleman. He was one of the judges at the World's fairs at Chicago and St. Louis, and the fact that he was invited to judge again this year at Atlanta is sufficient evidence of what our Georgia friends think of him. This much has been said because Judge Emry comes among us a stranger. We dare say he will give eminent satisfaction to our Knoxville exhibitors. Jno. E. Jennings is the secretary and the entries close promptly Tuesday, Jan. 10, midnight, 1911.

Arkansas State Show at Pine Bluff

The premium list of the Arkansas State Show, to be held at Pine Bluff, Dec. 13-17, 1910, is out. In point of number and value of their regular and special premiums, the management is certainly to be congratulated. The Pine Bluff fanciers are holding out the most attractive inducements to exhibitors ever offered in that section of the South. THE INDUSTRIOUS HEN will be represented at this show by Mrs. M. C. Utterbach, of Memphis one of the South's

leading poultry fanciers, and our friends who exhibit or attend this show are requested to meet her.

Wyandotte and Duck Winnings

Oliver Rutherford, Eutaw, Ala., made the following winnings at the recent Birmingham show, on White Wyandottes: 2,3ckl; 1ck; 1,2,3 hen; 2,3,4,5pul; 1pen. Mammoth Pekin Ducks: 1,2ckl; 1,2pul; 1,2,3ck; 1,2,3hen; 1pen and best display. At the Tuscaloosa fair he won best pen of any breed in the show.

At the last meeting of the International Ancona Club of America, Mr. H. C. Sheppard, of Beria, Ohio, was elected president. Mr. Sheppard is one of the foremost breeders of Anconas in the United States.

November Creed For the Farmer.

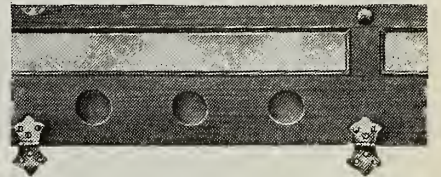
I believe in the heavy click of the corn on the bangboards of the wagons in a half hundred fields. I believe in the frosty morning air, in the quick darkening evenings, in the invigorating days. I believe in the stock scattered in calm repose about the browning pastures. I believe in getting the seed corn out of the drying sheds up into the attic. I believe in the resting trees, their naked limbs bleak warnings of the coming winter. I believe in corn cribs. I believe in Thanksgiving—a nation's tribute to a nation's God. I will accuse not nature—she has done her part where I did mine.—*Ex.*

Winnings of Industrious Hen Advertisers at Tri-State Fair

Black Wyandottes—M. E. Jarratt, Batesville, Miss., 1 cock. Silver-Laced Wyandottes—M. E. Jarratt, 1 hen, 1 cockerel and 1 pullet. S. C. Rhode Island Reds—James M. Frank, Nashville, Tenn., 2 hen, 1 cockerel, 3 pullet and 4 pen; Frank Davis, Nashville, Tenn., 1 pullet and 2 pen. S. C. White Or-

More Inventions by Lee

Here's his new Incubator door all are talking about. Perfect ventilation for the first time.



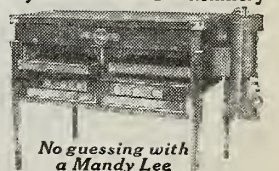
Mandy Lee Incubators

supply life-giving oxygen freely to the eggs and just as naturally draw off the poisonous gases. The most important step ever taken in incubator ventilation—neither above nor below, but right at the eggs—the correct principle, for the new Mandy Lee is making better hatches of stronger chicks than any other incubator in the world.

We Measure Everything

Heat—moisture—ventilation. You guess at nothing. If the eggs are good and you follow simple directions your work with a Mandy Lee is as nearly an absolute certainty as anything can be. There is no more reason why you should buy an incubator that regulates nothing but heat than for a farmer to continue to harvest his crops by methods and machinery

used 100 years ago. Your success with poultry depends on your ability to select equipment that is right—that's what you always get from us.



No guessing with a Mandy Lee

Send to-day for new catalog. Learn of these new improvements and of our new out-door, lamp-heated and regulated brooder, just what is needed.

GEORGE H. LEE CO., 1113 HARNEY ST., OMAHA, NEB. P. S. Have you received your copy of "Lee's Chicken Talk" and "Mandy's Poultry School," the two most popular poultry books ever published? Free!

"RINGLET" BARRED PLYMOUTH ROCKS

In their purity. Bred for utility as well as beauty. Young stock for sale. Eggs \$1.50 per setting of 15.
 A. G. CALLAWAY 38th and Market St. LOUISVILLE, KY.

SYPERT'S PARTRIDGE ROCKS

... BEST IN THE SOUTH ...

and there are no better anywhere. THE NEW STANDARD REED. My stock is from S. A. Noftzger originally, and has not deteriorated in my hands, as my winnings at Nashville demonstrate. At Nashville, Sept. 19-24, 1910, I won first cock; first hen; first and second cockerel; first, second and third pullet; first pen. This breed was admitted to the Standard in August of this year, and is rapidly gaining popularity, and an investment now in good stock of this breed will surely pay. They are unsurpassed, either for beauty or utility, and they do not show the dirt in town. My prices are reasonable for the quality. Correspondence solicited and satisfaction guaranteed.
 G. W. SYPERT, Kentucky Vice-President of American Partridge Plymouth Rock Club, MADISONVILLE, KY.

LAWSON'S BLUE RIBBON STRAIN S. C. WHITE LEGHORNS and IMPORTED INDIAN RUNNER DUCKS

(280-EGG RECORD PER YEAR)

Satisfaction or money back, together with express charges both ways. For the best and a square deal, write

WHITE HILL POULTRY FARM

A. J. LAWSON & SONS, Proprietors. B. 4, CLEVELAND, TENN.

"OCULUM" conquers and prevents Cholera, Roup White Diarrhea. Frees from lice.

Makes layers at four months. Inoculated fowls healthy. Penny inoculates ten chicks. Cures Diarrhea in calves, goats, sheep and colts. Bottle \$1.00. Experimental size 25c.

HANCOCK INOCULATUM CO., Inc. SALEM, VA.

pingtons—Harry Callicott, Coldwater, Miss., 3 cock. S. C. White Leghorns—A. P. Ryland, Pine Bluff, Ark., 1 and 2 cock, 1, 2 and 4 hen and 1 pen. S. C. Brown Leghorns—Forbes Poultry Yards, New Decatur, Ala., 3 cock, 2 and 4 hen, 1 and 2 pullet and 1 pen.

R. C. Black Minorca Club

The catalogue of the International Rose Comb Black Minorca Club is full of live matter of great interest to the breeders of this popular fowl. The officers of the club are as follows: T. A. McKittrich, Hudson, N. Y., president; T. A. Faulds, London, Ont., vice-president; Lloyd C. Mishler, North Manchester, Ind., secretary-treasurer. The directors are Thos. G. Samuels, Vanticoke, Pa., H. A. Keister, Bangor, Mich., J. G. Yates, Spichard, Mo., and Dr. L. P. Holbrook, Olympia, Wash. The next annual meeting of the club will be held with the Chicago Show, Dec. 10, 2 p. m.

I know a man who will furnish from forty to a hundred hens if he can find a man who will furnish a poultry farm near Knoxville. He wants poultry raised on the shares for fancy and market. For further information address L. B. Audigier, Knoxville, Tenn

"Col. Rock"

First Prize Cock
Louisville Interstate Fair.



Barred Plymouth Rocks

POPE STRAIN

Winners at Louisville, Frankfort, Owensboro and Kentucky State Fair. 1st Cock, 1st Cockerel, 1st Pullet, Frankfort Poultry Show, September, 1909. 1st Hen, 1st Pullet, 2nd Cockerel, 3rd Cock, 3rd Cockerel, 3rd Pullet, cash prize for best Barred Plymouth Rocks, Kentucky State Fair, September 1909. 1st Pullet, 1st Pen, 3rd Cock, 4th Cockerel, 4th Hen, special for best shaped female, Silver Cup for best Barred Plymouth Rocks, Louisville Poultry Show, December, 1909. All firsts Owensboro, October, 1909. Investigate our other winnings, and our fine Big Rocks. In color and barring they are as near perfect as science and skill can breed them.

1750 Choice Cockerels and Pullets For Sale

Best Cockerels
\$2.50 to \$3.50 each

Best Pullets
\$1.50 to \$2.00 each

Exhibition Birds
Males \$10. Females \$7.50.

Incubator Eggs
\$1.50 per 15—\$7.50 per 100

You don't have to pay two prices for our large vigorous Rocks. We give more value for your money than any breeder in America. Twenty years of successful line breeding, producing birds in large numbers on admittedly the finest Barred Rock Farm in the country, enable us to give you selection that no small breeder can possibly do. Don't buy eggs or stock from anyone until you get our catalogue and list of winnings. All shipments made from one to two days after receipt of order. When you buy from us you don't have to wait three to four weeks to get your birds. Write for catalogue No. 7

POPE & POPE

Established 1891

Louisville, Kentucky

Annual Meeting of American White Orpington Club

Will be held at Kansas City Show, Nov. 29 to Dec. 3. F. S. Bullington, sec'y, Richmond, Va.

I would appreciate it very much to see as many members of our club at this meeting as possible, also, like to see you bring some birds. I am going to tell you frankly, that I am not going to exhibit any birds at the show, because it is my home town, but I can assure you that a person winning a prize will get one of the biggest advertisements that he could ever receive. There will be more cash and gold and cups than were ever offered at any show in America. While Mr. Quisenberry, the secretary of the State Poultry Board has already issued his premium list, I am frank in saying that it does not contain one-half the special premiums and cups that will be given. I am receiving free contributions of money and cups almost daily, which will be offered, not alone on White Orpingtons, but on all known breeds, and there will be birds here from almost every part of the world, so please bear in mind that a winning at this show will be one of the biggest advertisements that any breeder of any breed ever had.—ERNEST KELLERSTRASS.

New Pigeon and Bantam Book

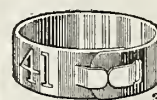
One of the most attractive and instructive books on Bantams and Pigeons that has ever been published has just reached our desk. It is entitled, "A to Z of Bantams and Pigeons," written by Frank W. DeLancey, editor of the *Poultry Item*, and a man who has had years of experience as a breeder and judge of pigeons and bantams. The book has over a hundred pages and about fifty illustrations. It describes and illustrates all varieties of pigeons; gives their history and origin; tells how to care for and feed them; how to mate and breed them; cure their diseases and how to train the Homer, that interesting bird into which the homing instinct has been bred for generations. This book is the best authority on pigeons yet published. Price, 50 cents.

The County Court of Wilson county, Tenn., at its October term, declined to make an appropriation to the Wilson County Poultry Association for a free winter show to be held in December at Lebanon.

There is something in oats that gives speed to the mare and gives material for eggs to hens.

Harp's S. G. Buff Orpingtons

PRIZE WINNERS AND EGG LAYERS
ROGER V. HARP, Short St., Lexington, Ky.



The FAVORITE BAND
THE BEST IN THE WORLD
12 for 15c, 25 for 25c, 50 for 40c,
100 for 65c.
CHAS. L. STILES
30 Columbia Bld. COLUMBUS, OHIO

500 "RINGLET" ROCKS and REDS

I have the finest lot of early cockerels and pullets I have ever raised, many of them blue ribbon specimens. The "Ringlets" show that elegant, clean, narrow blue barring so desirable. Line-bred to Standard requirements, and for egg production. I make a specialty of fine cocks and cockerels to improve your stock.

Thompson's "Ringlets," Buff Rocks, Fishel's White Rocks, Duston's Wyandottes and Thompkin's non-fading R. I. Reds

Show record for 1910: 1st and 2nd cock, 1st and 2nd hen, 2nd cockerel, 2nd and 3rd pullets, 1st and 2nd pens. At Burlington, Greensboro and Raleigh, I won 29 firsts, 27 seconds and cash prize offered by the state. Eggs from 1st prize matings, \$2 and \$3.

DR. JNO. W. LASLEY

BURLINGTON - - - NORTH CAROLINA



Let Chas. A. Cyphers Save You 50% On A Standard Buffalo Incubator

EVERY poultry raiser knows Chas. A. Cyphers. I guarantee to save you half on my new standard Buffalo Incubator. The same Vital Principles which have made my incubators famous the world over live in the new Standard Buffalo. The same heater with improvements, the same well-known diffusion method ventilation, the same compound toggle-joint regulator—the only regulator that makes close heat regulation possible, a new improved case of galvanized iron—rust proof, with inner case of "Water-proof Buffalo Board," thick walls and double doors—but I have cut the price in half on my new model.

I Save You Half on this well-made standard incubator because I cut the selling expense. When you buy the Buffalo I give you three-fourths the usual gross profit. No better incubator can be made than the new Buffalo. Compare it with others selling at \$8.00 to \$10.00 more. I will get your orders, I know.

Note My Low Prices:

No. 0	50 to 60	Egg Size	\$ 9.50
No. 1	110 to 120	" "	12.00
No. 2	220 to 240	" "	16.00
No. 3	340 to 360	" "	20.00

My Guarantee: I positively guarantee that the Buffalo will hatch as well as any incubator made, regardless of cost. I guarantee it to be as substantially, as well as as easily regulated as any incubator costing \$8.00 to \$10.00 more, egg capacity considered. I guarantee it to be Fire-proof and to last as long as any incubator ever built. **Your Money Back.** Send us your order today. Specify size you want and enclose the price with your order. My guarantee insures absolute satisfaction in every way.

CHAS. A. CYPHERS, Pres., Buffalo Incubator Co 4714 Ellicott Sq., Buffalo, N.Y.

Don't Miss the Profits on

Holiday Poultry

Prime Poultry is at a premium. The best birds bring the best prices. Pratts Poultry Regulator will make your birds plump, quick growing, healthy money-makers. Give it every day to turkeys, geese and fowls.

Pratts Poultry Regulator

is a wonderful tonic—a great aid to digestion and a powerful preventive of disease. It doubles the nourishing value of the feed, increases the weight and improves the flavor of your birds. Every pound pays—if it fails it costs you nothing. It is

Guaranteed or Money Back

Give it a trial this season at our risk. You will be more than satisfied, If it does not make good your dealer will refund your money.

25 lb. pail \$2.50, also in smaller packages and in 100 lb. bags.

Pratts Roup Cure, prevents as well as cures.

"Pratts POULTRY WRINKLES" is yours for a postal—worth a dollar.
PRATT FOOD CO., Dept. 17 Philadelphia, Pa.

Caring for Turkeys in Winter

As I have had numbers of inquiries about the care of turkeys at different seasons of the year, and especially in bitter cold weather, this evening is one to remind me of these personal inquiries, and possibly some of the readers of THE INDUSTRIOUS HEN would like to know how we manage to protect them and when they need this protection.

Turkeys do not mind cold weather unless there is a cold rain, sleet or snow. If the weather is cold and dry, their nature is to go higher in the trees to roost. I speak of the Bronze variety, as I do not know a great deal about any other kind. It seems that they partake of that self-protecting disposition that the wild turkey has in his make-up. But our domesticated turkeys need a slight protection from sleet or snow because when they get their plumage thoroughly wet and frozen, they cannot protect their naked heads and feet with their natural tuck under the wing and spread over their feet with their feathers. And if they were only driven in some place with a cover of some kind, they do not need close quarters in a house, but a shed wired around to keep them in so that the sleet or snow can not fall on them. Put up some poles for roosting places, five or six feet from the floor, or earth, as they can not fly from high perches in an enclosure and are likely to fly against wire netting walls and injure themselves. In

the morning they should be fed on corn and oats. I say corn and oats because corn is very heating and oats prevent the corn from packing in crop. Again, at night I feed pretty much the same diet. Keep cold, fresh water before them all the time. I never feed a warm mash in cold weather, because it heats the body unnaturally and they take cold easily. I keep sand or grit before all fowls when housed as they must have something to grind the grain food, to prevent indigestion, and packing in crop. As soon as snow and sleet quits falling they should be turned out of shed, and if there is any green stuff they can get, give them access to same. Turkeys must have free range and fresh air to insure perfect health, and perfect health insures fine plumage if the parent stock is mated for that, and I may say the same of size. Proper mating insures fine offspring.—J. C. CLIPP.

Eggs will not be clean unless the nests are clean, and if the nests are clean less washing of eggs will be necessary.

MAMMOTH BRONZE TURKEYS & BARRED PLYMOUTH ROCKS

All Stock Farm-raised. Large, Vigorous and Healthy. Breeders for Sale. Eggs in Season. Orders Booked for fall delivery of poultry.

MRS. JAS. R. PHILLIPS SUGAR GROVE, N. C.



This is Profitable Poultry Raising

Every egg is virtually "a bird in the hand" when your poultry raising is backed by expert knowledge that eliminates failure and assures the greatest of money-making success. This knowledge you cannot get second-hand out of a book. It must come to you *first-hand*—from experts who are making big money raising poultry and who *know* how to advise and help you. This help you get in the home course of Poultry Raising conducted by the International Correspondence Schools of Scranton.

Every phase is covered—from selecting eggs to marketing for profit. The subjects include:

How to select most profitable breeds; feeding; marketing eggs and poultry for profit; natural and artificial brooding; natural and artificial incubation; laying hens; combination plant; poultry appliances; enemies of poultry; poultry houses and management; turkeys; water fowls; squabs, etc.

Additional value of this course is found in the fact that the experimental plant of the I. C. S. is the largest poultry farm in the world—the celebrated Rancoocas Poultry Farms—where experiments of every kind are made for the benefit of those taking this course.

The I. C. S. Course saves time, saves money—insures success. The season is here. Here is the money-making way.

For full particulars write to-day to INTERNATIONAL CORRESPONDENCE SCHOOLS, Box 1041 Scranton, Pa.

In the October Century

One of the loveliest of all American gardens, the rare old estate in South Carolina known as Middleton Place, has been chosen by Frances Duncan, a sympathetic authority on gardens, for the article which will open the October Century. The "Old-time Carolina Garden" which Miss Duncan describes, notable for its balance and proportion, is an interesting and lovely survival of a phase of colonial life which has vanished completely.

"TYCOS" Incubator Thermometer

Is the Quality Mark in Incubators. The higher grade machines are equipped with "Tycos" instruments. Insist on the genuine. "Tycos" Incubator Thermometers, each, 75c. "Tycos" Incubator Hygrometers, each, \$1.50. Send for free booklet, "Incubator Thermometer Facts Worth Knowing." Taylor Instrument Companies ROCHESTER N. Y.

PARRISH STRAIN Columbian Wyandottes

The past season I furnished birds that won the blue in New York, Indiana, Illinois, Massachusetts, Ohio, Pennsylvania, Missouri, Washington, Iowa, Arizona and nearly every state south of the Ohio river.

At the Tennessee State Fair show, September, 1910, which was pronounced the largest as well as of the highest quality in its history, in an extra strong class of Columbian Wyandottes I won first pen, first cock, first and second hen, first, second and third cockerel, first, second, third, fourth and fifth pullet.

If you want a show bird or breeders you can do better here than elsewhere.

Write for catalogue.

T. REID PARRISH

LICENSED JUDGE
North Sta., Nashville, Tenn.

LOOK! LOOK! LOOK!

Dennie's Quality **BUFF ORPINGTONS** are good layers and fine breeders of strong, vigorous chicks. If you will give them a trial you will be convinced. Young and old stock for sale. Inquiries a pleasure.

WEST LAWN POULTRY YARDS

JOHN C. DENNIE
51 Gilmore Ave. -:- NASHVILLE, TENN.

S. C. RHODE ISLAND RED EGGS AT HALF PRICE

All prize matings. Write for show record and 1910 catalogue. Now is the time to order young stock for the fall shows. Have hundreds of them and guarantee satisfaction.

F. G. DAVIS
ROSEBANK POULTRY FARM
Rosebank Ave. or R. R. 10, Nashville, Tenn.

SICILIAN BUTTERCUPS

New, Original Imported Blood

100 Cockerels and Pullets for Sale

IF YOU WANT GENUINE BUTTERCUPS SEND FOR MY CIRCULAR

MRS. J. S. DUMARESQ

Cato's Hall

EASTON, MARYLAND

ASK OUR SECRETARY FOR A PREMIUM LIST—IT'S A BEAUTY AND FREE



COME TO THE
BEST SHOW
IN THE SOUTH



The East Tennessee Poultry Association Exhibition

KNOXVILLE, TENNESSEE

MARKET HALL, January 18, 19, 20, 21, 1911

Comparison Show. Judge—C. A. EMRY, Carthage, Mo.

Send your Birds to Knoxville Show. Where the best Birds always win. Where your premiums are paid at once. Where your Birds are handled carefully, returned promptly.

JOHN E. JENNINGS, Sec'y-Treas., Knoxville, Tenn.

Some Classy Brown Leghorns

Mr. J. W. Leeman, of Henderson's X Roads, Tenn., is one of the best-known breeders of S. C. Brown Leghorns in the South. His winnings at the Tennessee State Fair, 1910, were 1st cock, 1st cockerel, 1st and 2nd hen. He won first cock at the Appalachian Exposition Poultry Show and special ribbon from the S. C. Brown Leghorn Club in the hottest competition ever seen in the South.

A Wireless From Percy Cook

Just as our November forms were getting to press, even before we had heard from our own representatives, we received a special from Percy A. Cook, the world's famous Orpington breeder, Scotch Plains, N. J., as follows:

AUGUSTA, Ga., Nov. 12, 1910.

My Dear Mr. Audigier:—

Am pleased to say we did better than ever here, winning 13 firsts out of a possible 16, a thing which has never been done before. There were 363 Orpingtons in competition, the best in the South. Our winnings in S. C. Buff Orpingtons were 1 cock, 1, 3 cockerel, 1, 2 pul, 1 pen, with 16 pens competing. In S. C. Black Orpingtons, 1 cock; 1, 2 cockerel, 2 hen, 1, 2 pullet, 1, 2 pen. In S. C. White Orpingtons, 1 cock, 1

hen, 1, 3 cockerel, 2 pullet, 1, 2 pen. Jubilee Orpingtons, 1 pen. Mrs. L. L. Upson, a winner at the Appalachian Exposition, won first Black hen. We also won three cups on Orpingtons, also for the best pen in the whole show.

S. C. BROWN LEGHORNS

Bred to Win and Lay

Won 1st cock, 1st and 2d cockerel, 3d hen and 2d pullet at Tennessee State Fair, 1909. Won at Tri-State Fair, Memphis, 1909, 2d hen, 3d cock, 3d pullet, 3d pen. At Lebanon I exhibited eighteen birds that scored from 90% to 94 points. I won 1st cock, 1st cockerel, 1st and 2d hen at Tennessee State Fair and 1st cock at the Appalachian Exposition Poultry Show this year. They are fine bred and show their strong breeding points. Some very nice cockerels and pullets for sale.

J. W. LEEMAN, Henderson's X Roads, Tenn.

THE LAKEHOLM STRAIN

S. C. WHITE LEGHORNS

Are large white birds with exceptional vigor. Country bred with one mission in life—to lay eggs. We offer 250 yearling pullets at \$1 each. A few May hatched cockerels at \$3 to \$5 each.

LAKEHOLM FARMS, Mt. Vernon, O.

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, Tennessee.

CUTAWAY TOOLS FOR LARGE CROPS



Clark's Reversible Bush and Bog Plow will subdue bogs or newly cleared forests or stump land. Cuts a track 5 ft. wide, 9 in. deep. Has eight 24-in. cutlery steel disks. Turns the earth to or from stumps. Guaranteed to kill any bush or plant that grows, and leave the land true and clean for any crop. Send for our FREE Booklet which describes 120 sizes and styles of Cutaway Tools. Write today. Cutaway Harrow Co., 951 Main St. Higganum, Conn.

SINGLE COMB WHITE LEGHORNS "ROYAL WHITE STRAIN"

The kind with the long backs. All breeders guaranteed to score 91 to 94. Best egg-producing strain in South. Stock for sale. Eggs \$1.50 per 15, or \$6.00 per hundred balance of season, and satisfaction guaranteed.

J. B. VINSON, Pine Bluff, Ark.

The SOUTHERN PLANTER

The South's Oldest, Largest and Best Farm Magazine and THE INDUSTRIOUS HEN, both one year for 50 cents.

INDUSTRIOUS HEN CO., Knoxville, Tenn.

NOTICE:

I will offer the balance of this season's eggs from well mated R. C. Reds that are Reds and not Buffs at \$1.25 per 15. Also a few of select cockerels from \$1 to \$2 each—good ones, not culls. Let me hear from you. I can and will please you.

MARION OLIPHANT
Specialty Breeder of Reds
KENTWOOD, LOUISIANA

CAMPBELL'S BUFF LEGHORNS

are still in the lead, winning all Firsts and Specials at the Great Appalachian Exposition. SPECIAL PRICE ON COCKERELS IF TAKEN AT ONCE.

MRS. C. B. CAMPBELL, Asheville, North Carolina

FREE POULTRY CATALOGUE

EAST DONEGAL POULTRY YARDS, Marietta, Pa.

American White Orpington Club

The regular meeting of the American White Orpington Club will be held in Kansas City, Mo., Nov. 29 to Dec. 3, 1910, during Missouri State Fair. Members are requested to be present. Election of officers for 1911 will take place during the meeting. Several silver cups have been offered on White Orpingtons and the State Association has offered \$50.00 in gold as special prizes. These specials should bring out the largest and strongest class of White Orpingtons ever exhibited in the world, and it is the desire of the club to have every breeder of White Orpingtons take a part in the show. Breeders desiring membership in the club should send for club books to F. S. Bullington, Sec., Box 328, Richmond, Va. Membership fee is \$1.00. For premium list of show address T. A. Quisenberry, Columbia, Mo.

The Time to Buy Stock

The best time to buy breeding stock is during the fall months. Most breeders are in position to give better value for the money now than at any other time. Surplus stock must be housed and properly cared for to keep in good condition. Many do not have this extra house room, the houses are crowded and in order to reduce the flock rapidly will offer better value now than later.

Anyone can well afford to do this. It is saving in time and feed and gives the birds left on hand a better chance to mature and develop properly. It is true that there is nothing that hurts a flock more than crowding. It will cause colds, and at this time of the year colds soon go into roup. Again where extra cockerels or young hens are needed to build up one's flock, it is well to get the birds one or two months, if not longer, in advance of the time that they will be needed. It takes this length of time to get birds suited to their new surroundings and in perfect breeding condition.

In buying a male bird insist on vigor or vitality, above all other considerations. We have found that no matter how perfect the bird may be in color, shape and markings, unless it possesses great vigor, the results are disappointing. This point is just as important for fancy breeding as it is to the man who produces market poultry and eggs.

One of the most successful breeders in this country insists on this quality and carries it out in selecting the small number of birds he raises from each year.

It causes him to sell off some very high-class specimens, ones that most

breeders would keep, but he insists that two breeders must have a high degree of vitality, else they do not reproduce their equals.—MRS. FRANK LANGFORD, Nashville, Tenn, in *Farmers Home Journal*.

S. C. WHITE LEGHORNS EXCLUSIVELY

O. H. TINDELL

New Phone 36 R. FOUNTAIN CITY, TENN.

S. C. WHITE LEGHORNS

They look good—they are good. They please the most exacting. Some class to the birds I ship out.

P. W. BARCLIFT

HARTSELLE, ALABAMA

REDUCTION SALE

600 prize-winning and utility Single and Rose Comb R. I. Reds, Barred P. Rocks, White Wyanettes, Single Comb White and Brown Leghorns. Winners at the largest shows. It will pay you to write me if you want good stock.

CHAS. HUFF

66 Forty-first St. IRVINGTON, N. J.

COOPER'S REDS

Lay the Eggs and

Win the Ribbons.

SAM COOPER, FOUNTAIN CITY, TENNESSEE

BARRED PLYMOUTH ROCKS

My flocks of WINTER and EARLY SPRING HATCHED cockerels and pullets are splendid specimens of poultry vigor, and will produce good layers and exhibition birds. I will promptly reply to requests for quotations as to prices, and will give a guarantee of satisfaction with every sale.

B. F. HUNTER, Paris, Tenn.

KING LEAR AT STUD

This fine young stud, twelve months old, out of Beauty Bright by Ben Hur, is the most perfectly marked, sable and white Collie we ever saw. He has a fine head, perfect ear-carriage, elegant coat and is as bright as a dollar. His dam is the daughter of Anfield Major, Ch. Anfield Model, Ch. Parbold Piccolo, out of Ch. Cordia, Brandane Clinker, Wishaw Princess. Stud fee \$10.00. Will sell him for \$150.00.

Shadrach (Alias BEN HUR) Fee \$10

Ben is a sure setter of handsome litters and is in every sense a great dog. His sire is Alstead Bruce, Pacemaker, Ch. Wishaw Clinker, out of Montrose II, Lothion Princess, Nellie Wonder Will sell him for \$100.00.

Matrons will be well cared for, safety and service guaranteed. Ship by express, charges prepaid to

KNOX COLLIE KENNELS,
Knoxville, Tenn.

Georgia Poultry Association

The premium list for "The Great Central Poultry Show of the South" will be ready December 1st. Our cash prizes will be the largest ever offered in a Southern poultry show; 50 handsome cups to be distributed among all classes, besides many valuable specials. This show will be held in the Atlanta Auditorium, the finest building for such exhibitions in the South. C. A. Emery and F. J. Marshall are the judges. The *Atlanta Georgian*, the best daily paper in the South, and the only daily giving unlimited space in building up the poultry industry in the South is "backing up" this show which insures the largest of attendance and publicity. Write C. O. Harwell, secretary, for catalogue.

Scratch

The hen that scratches all the day
Is jest a good example;
She works in her peculiar way,
An' gits a livin' ample.
Good times or poor, it's all the same,
She spends no time cross-patchin';
She starts an' keeps right in the game,
An' tends right to her scratchin'.

We kin take courage from the hen,
An' make our profits double;
We must dig all the harder when
We're weighted down with trouble.
We've got to scratch an' scratch away,
The hen's a good example;
Twill drown the sorrows of the day,
And bring a livin' ample.

—Boston Herald

As the nights become cold it is well to see that the poultry is protected from draughts. Warm days and cold nights are not apt to be productive of good health among the fowls unless they are properly protected. See that the windows are open so that they may have plenty of air and ventilation but do not allow doors to be left open at the ends of the coop. Chickens are subject to colds as well as human beings and should be treated with the same consideration.

Would You Give 50c For a Five Dollar Bill?

Send us 50c in stamps and we will forward by return mail, prepaid, a 300-page illustrated book entitled "*Hen and Chicks, or How to Make Money Raising Poultry*," that is worth \$5 to any man in the poultry business. It gives facts and figures. No use experimenting all the time. Profit by the other fellow's mistakes. Money returned if not pleased.

Valuable to Every Poultryman

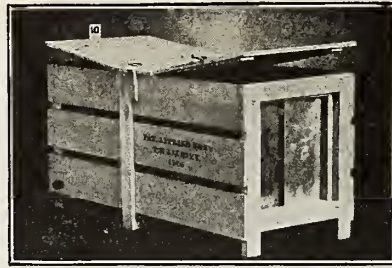
Send 75c and THE INDUSTRIOUS HEN, the leading poultry journal of the South, will be sent for one year with the book.

—ADDRESS—

The Industrious Hen, Knoxville, Tenn.



Tecktonius SINGLE AND ROSE COMB
BUFF LEGHORNS
1500 Exhibition and Utility Birds
this famous prize-winning stock—the
"best general-purpose fowl on earth." My 8-
page Circular (mailed Free) gives full particu-
lars, descriptions, prices. 25c (stamps or coin)
brings my beautiful, 8x11, illustrated Art Catalog,
covering every feature of poultry business, and including mag-
nificent color insert (pair Buff Leghorns) suitable for frame.
F. A. Tecktonius, Route 26 Racine, Wisconsin.

**USE THE AUTOMATIC TRAP NEST**

Does away with half the work. The only trap nest on the market that prevents breaking and egg eating. Does not trap the hen until she lays and at the same time notifies you at your office or house. Write for descriptive circulars.

AUTOMATIC TRAP NEST CO
ASHEVILLE, N. C.

HIGH CLASS HOMERS and BRED-TO-LAY S. C. WHITE LEGHORN

Send for free circular on Squab raising. Some fine one and two year old hens at \$1.00 apiece; all pullets, cocks and cockerels; prices according to quality. **W. K. CUMMING, FARMVILLE, V.**

TERRELL'S S. C. R. I. REDS

Bred for utility, also fancy points. My birds have been winners since 1904 at such shows: Aberdeen and Meridian, Miss.; Nashville and Bristol, Tenn.; Augusta and Atlanta, Ga.; Charleston, S. C.; Houston and Marshall, Texas; Birmingham, Montgomery and Mobile, Ala.; also in the hands of my customers at many of the Big Southern Shows, such as Dallas and Ft. Worth, Texas, Oakland, Cal., and Portland, Ore. Eggs, Prize Mating, \$5.00, Special Mating, \$2.00—half price after May 1. Some good breeding stock for sale. Write for circular of winnings and matings.

L. K. TERRELL,

BIRMINGHAM, ALA.

FERGUSON'S WYANDOTTE YARDS
NEW MIDDLETON, TENN.

Have 400 White and Silver Wyandottes for sale; from the very best strains; January and February hatched. Write us before placing your order.

EGGS \$1.50 FOR 15.

BARRED ROCK COCKERELS
\$3.00 to \$5.00

Do not wait until late in the season to buy your cockerels, buy early and get the BEST for the least money. I have a fine bunch of dark, yet distinct and snappy Barred cockerels, all April hatched, that will make excellent birds to head your breeding pens. Order now and get the choice birds.

Write me for prices on beautiful Collie pups, all subject to registration.

CLARENCE YOUNG, - - - Sweetwater, Tenn

FOGG'S SINGLE COMB WHITE LEGHORN
ARE WINNERS AND HEAVY LAYERS

If you are interested in getting the best for your money when you buy show birds and breeders it will pay you to write me before you order. I have thousands of young birds and several hundred breeders from which I can furnish birds that will win anywhere for you. Remember—I sell my customers winners. My early hatched young birds have better quality than ever before. They will pay for you at the early shows. If you want birds that are guaranteed to win and breeders that will produce you something good I can please you. Send today for free literature telling all about them.

N. V. FOGG

Box A

Mt. Sterling, Ky.

RECORD-MAKING STRAINS OF

White Wyandottes, S. C. White Leghorns, S. C. R. I. Reds
M. B. and WHITE HOLLAND TURKEYS

In addition to long list of former winnings we are WINNING STEADILY THIS YEAR, at Virginia State Fair, the Great Knoxville Show, etc. Write for lists of winnings and prices.

STANDARD-BRED POULTRY FARMS

-:-

Burke's Garden, Virginia



**HENDERSON'S
Brown Beauties**

At the Great Appalachian Exposition won 4 prizes on 4 entries, viz.

1st Pullet, 1st Pen, 3rd Hen.
\$10.00 Gold Special for best pen from Tennessee, any variety.

When you want something good, write
J. H. HENDERSON, Knoxville, Tenn.
Breeder Brown Leghorns since 1890.

An Appreciation of Pigeon Show
Indianapolis, Ind., Oct. 22, 1910.

Editor Industrious Hen:
As a lover of pigeons, I can not help but make a few remarks in regard to the Appalachian Exposition, held at Knoxville, Tenn., Sept. 27 to Oct. 1, 1910. The first exclusive pigeon and pet stock show ever held in the South. I want to express my appreciation of the manner in which the show was conducted and the warm and cordial treatment given to all exhibitors. Certainly great credit is due to the gentlemen in charge of the Exposition as every detail seemed to be carefully looked after, and you would expect nothing else if you knew Mr. L. B. Audigier, secretary,

LEG BANDS

Send name now for many free samples and prices. Most complete line of highest quality bands for every use.

SMITH SEALED. Used by America's leading fanciers. Prices: 12, 50c; 25, 50c; 50, \$1.00; 100, \$1.50; 500, \$5.00; 1000, \$12.50; postpaid.

LEADER ADJUSTABLE. Smoothest and most secure fastening ever invented. Prices postpaid: 12, 15c; 25, 25c; 50, 40c; 100, 55c; 250, \$1.50; 500, \$2.75; 1,000, \$5.25.

Samples of these and many other styles free if you send postal now for booklet.

KEYES-DAVIS CO., Ltd., Mfrs.
Dept. 520, Battle Creek, Mich.

and Mr. George Ewald, manager. We did about one thousand pigeons on exhibition in a large, well ventilated building, in fact the best building and best adapted to an exhibition of this kind that I have ever seen. A word for the Northern fancier who had birds on exhibition. They surely deserve great credit for taking such a prominent part in this work and helping to make such a fine showing in the South, and I only hope that next year every Northern fancier will make an even greater effort in our exhibit and thus help the good cause along, for the great beautiful city of Knoxville is an ideal place for such an Exposition. From the interest our Southern

"HEN-E-TA"

WILL MAKE HENS LAY

"HEN-E-TA"
ABOUT 30% PURE BONE ASH

NO OTHER BONE NEEDED | NO OTHER GRIT NEEDED

NO MORE BONE CUTTERS NEEDED
NO MORE BEEF-SCRAPS NEEDED
NO MORE CHARCOAL NEEDED
NO MORE OYSTER-SHELLS NEEDED

100 LB. BAG \$2.25 | 50 LB. BAG \$1.00

VALUABLE BOOKLET FREE

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

friends take in this work and from the reputation they enjoy for hospitality and courteous treatment of their guests, leads me to think that our greatest and most interesting exhibition will be held in this part of the country, that in point of beauty ranks second to none.

There is nothing left for me to do but to give in a feeble way the just mead of praise to all who interested themselves in making the Knoxville show the largest, finest and best exclusive pigeon and pet stock show ever held in this country. I hope that every true fancier will put his shoulder to the wheel and help this good cause along and instead of having one thousand birds, let us make it four thousand. Remember, brother fancier, that this is a large field in which to work and our treatment has been of such a cordial character that it becomes a great incentive to us to go again next year.

Yours for pigeon success,
HENRY C. SCHROEDER.

Our space is so limited that it is impossible for us to give anything like a full account of this beautiful exhibition of birds. We were more than pleased with its success in every way, and the above is only one of the many appreciations expressed by exhibitors. Everyone connected with the show worked zealously for its success, and none more so than George Ewald and Henry C. Schroeder. Judges, J. D. Reynolds, Marietta, Ga.; and F. C. Boreherdt, Manitowoc, Wis., did their work faithfully and to the satisfaction of everyone. As expressed in the above from Mr. Schoeder, we hope next year to have more Northern as well as Southern breeders with us, and to show four thousand birds.

Pheasants at the Exposition


Thousands of visitors to the Appalachian Exposition saw for the first time in their lives a display of pheasants. There were twenty pens containing from two to six birds, and among them the following varieties: Golden, Silver, Lady Amherst, Chinese Ringneck, Reeves, Keeledge and Mongolian. The plumage, so bright and beautiful, in its many varieties of color, showed to the best advantage in the new cages built for them, and they seemed proud to disport themselves before the curious on-lookers. Mr. Percy Warner, president of the Nashville Traction Company, had the largest exhibit, with Mr. George Callahan, of Knoxville, a close second. Mr. Park Gettys and Mr. S. R. Rambo, both of Knoxville, also contributed some beautiful specimens. The exhibit from Nashville was purchased by Mr. C. H. Harvey, president of the Knoxville Traction Company, who has built permanent quarters for them in Chilhowee Park, where he expects to raise them.

How About Your Printing?

Poultrymen, do you realize that a neatly printed card, letter head, envelope, or circular is a great help in advertising the poultry business? It is now time for you to begin your mating of pens for the egg season and you should be fully equipped along this line. The S. B. Newman Co., Knox-

ville, Tenn., make a specialty of printing for poultrymen. They are a reliable house, and do a neat class of work at very reasonable prices. They will gladly send you a line of samples, and quote prices to all who write them. You should avail yourself of the opportunity.

RHEUMATISM
A CURE GIVEN BY ONE WHO HAD IT



In the Spring of 1893 I was attacked by muscular and inflammatory rheumatism. I suffered as those who have it know, for over three years, and tried almost everything. Finally I found a remedy that cured me completely and it has not returned. I have given it to a number who were terribly afflicted, and it effected a cure in every case. Anyone desiring to give this precious remedy a trial, I will send it free. Address,
Mark H. Jackson, No 544 James Street, Syracuse, N. Y.
Mr. Jackson is responsible. Above statement true.—Pub.

IDEAL ALUMINUM LEG BAND
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Tennessee State Fair Show

Strong in numbers and quality, especially in the American class, was the Tennessee State Fair Poultry Show, held in September. R. I. Reds occupied the center of the stage and the largest exhibit of this breed ever in the South was recorded at this show. "Peggy," the \$10,000 hen, owned by Ernest Kellarstrass, was the star attraction. The show was held under a mammoth tent, and this, to some extent was a hardship on the birds. The list of awards was as follows:

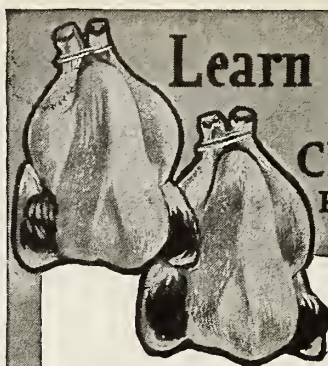
Barred Rocks—JE Jackson, Gainesville, Ga., 4 pul; 2pen. Miss Nannie Whitfield, Clarksville, 1,2,5pul. GEThompson, Elktion, Ky., 1hen. John HTipton, Nashville, 2,3hen; 5ckl. JWGrigg, Mt. Juliet, 3ckl; 1pen. RHYoung, Lebanon, 3pen. Miss Ella Davis, Martha, 1ckl. Miss Drake, Nashville, 4ckl. **White Rocks**—WLWittich, Jr., Pensacola, Fla., 5ck; 5pul. MrsJMHart, College Park, Ga., 3ck; 4hen. Rockandotte Farm, Southboro, Mass., 1ck; 1hen; 1,2,3,4ckl; 1,2,3,4pul; 1pen. Sanford McFerrin, Springfield, 2,4,5ck; 2,3,5hen; 2,3pen. Smith Poultry Farm, Nashville, 4pen. JohnHTipton, Nashville, 5pen. **Buff Rocks**—WmHYKennedy, Nashville, 1ck; 3hen; 4,5pul; 4ckl. PFHager, Nashville, 4hen. VBarrow, Nashville, 1,2,3ckl; 2hen; 1,2pul; 2,3pen. WPHoffbert, Gadsden, Ala., 1hen; 3pul; 1pen; 2ck. **Porridge Rocks**—GWSyert, Madisonville, Ky., 1ck; 1,2ckl; 1hen; 1,2,3pul; 1pen; 3ckl. **Silver Wyandottes**—JAMuecke, Jr., Kings-ton, 2,3ck; 2hen; 1,2,3,4,5ckl; 1,2,3,4,5pul; 2,3pen. Byrd Bros., Nashville, 1,3,4,5hen; 1pen. **SCRIBeds**—JHPerrin, Meridian, Miss., 5hen. CADobbs, Gainesville, Ga., 5ck; 3pul; DEMcGowan, Memphis, 4pul. WCPierce, Indianapolis, Ind., 4ck. FESevell, Nashville, 2pul. HBLansden, Manchester, 1,2ck; 4hen; 1pul. WVEvans, Nashville, 5pul. Edgewood Farm, Nashville, 3ck; 1,2hen. Frank Davis, Nashville, 3 hen. WCPierce, Indianapolis, Ind., 1ckl. James

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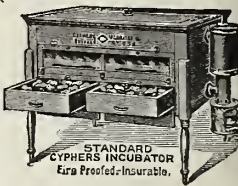
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MFrank, Nashville, 2,4ckl. Frank Davis, Nashville, 3,5ckl. Edgewood Farm, Nashville, 1pen. DEMcGowan, Memphis, 2pen. Frank Davis, Nashville, 3pen. JamesMFrank, Nashville, 4pen. HBLansden, Manchester, 5pen. **RCRIBeds**—C LBuschmann, Indianapolis, Ind., all awards. **SCBrown Leghorns**—LBShuman, Antioch, 4ckl; 1pen. WBHarris, Smith Grove, Ky., 2,3ckl; 3hen; 1,2,5pul. WRKing, Cynthia, Ky., 4pul. JDBuchanan, Laverge, 2ck; 5ckl; 4,5hen. J WLeeman, Lebanon, 1ck, 1ckl; 1hen; 2pen. H CEarl, Antioch, 3pul. SC White Leghorns—GeoBFerris, Grand Rapids, Mich., 1ck; 1hen; 3,4ckl; 2pen. BFHart, College Park, Ga., 2,3ck; 2,3hen; 1ckl; 3pul; 1pen. PaulWBarcliff, Hartselle, Ala., 5hen. WREsex, Nashville, 5ckl. Miss Ella Davis, Martha, 2pul. JWSanders, Murfreesboro, 5pul. DrSTatum, Center, Ala., 2ckl; 1pul. West Morton, Nashville, 3pen. Henry Jackson, Nashville, 4pul. **Black Minorcas**—SMFranklin, 4ck; 3ckl; 2pen. Mrs John M Grissim, Lebanon, 1ck; 1,2ckl; 1,2,3,4,5pul; 3pen. JCVaughan & Co., Lebanon, 2ck; 1hen; 1pen. MrsJHGraves, Nashville, 2,3hen. Homer Grigg, Lebanon, 4,5hen; 3ck. ELDeuho & Son, Orleans, Ind., 4ckl. **SCWhite Minorcas**—Mrs John M Grissim, Lebanon, 1ckl; 1pul; 1pen. **SSHamburgs**—HRBirchett, Lebanon, 1pen. **Buff Cochlin Bantams**—FrankRHale & Son, Shelbyville, Ind., 4hen. Lewis Culps, Pulaski, 1ck; 1,2,3ckl; 1,2,3pul; 1,2hen. Miss Linda Landis, Nashville, 4ck. JLMinton, Nashville, 1pen. JoeSwint & Son, Nashville, 2,3ck; 3,5hen; 4,5pul; 4,5ckl. **Partridge Cochlin Bantams**—FrankPHale & Son, Shelbyville, Ind., all awards. **White Cochlin Bantams**—Frank P Hale & Son, Shelbyville, Ind., 2ck; 1,2hen; 2,4ckl; 1,2pul. RobertFHander, Nashville, 1ck; 3ckl; 4hen; 1pen. PFHager, Nashville, 1ckl; 3,5hen; 3pul. **Black Cochlin Bantams**—Frank P Hale & Son, Shelbyville, Ind., 1ck; 3hen; 2,3ckl; 3,4pul. J PRandall, Chicago, Ill., 2,4,5hen; 4ck. PF Hager, Nashville, 2,5ck; 1hen; 1,2,5pul; 1,4ckl; 1pen. JoeSwint & Son, Nashville, 5ckl; 2pen. **Golden Wyandottes**—GAHarrison, Nashville, all awards. **White Wyandottes**—GeoHRudy, Mattoon, Ill., 1,2,3,5ck; 3,5ckl; 1,3,5pen; 2,3,5hen. Rockandotte Farm, Southboro, Mass., 1hen; 1ckl; 1,2,3,5pul; 2pen. MFMorris, Atlanta, 4ck; 2,4ckl; 4pul. JSSeagraves, Lebanon, 4hen; 4pul. **Partridge Wyandottes**—HMRoss, Tulla-

homa, all awards. **Columbian Wyandotte**—Martha Martin Poultry Farm, Nashville, 4ck; 4,5ckl; 3hen; 3pen; TreidFarrish, Nashville, 1ck; 1,2hen; 1,2,3ckl; 1,2,3,4,5pul; 1hen. Miss Lou Lusky, Nashville, 2ck; 4,5hen. **Black Cochins**—Frank R Hale & Son, Shelbyville, 1ck; 2hen. Hillcrest School Farm, Nashville, 2,3ck; 1,3,4,5hen; 1,2ckl; 1,2,3pul; 1,2pen. **Cochins**—Grandview Poultry Yards, Nashville, 1ck; 1,4,5hen; 4ckl; 3pul; 2,4pens. Jay Nsom, Nashville, 1,2,3,5ckl; 1,2,4,5pul; 2,3pk; 2,3ck; 1,3,5pen. **Black Langshans**—Mrs. V. Marshal, Nashville, 2pen. HJNoblett, Pk, Ind., 2,3ckl; 1ck; 2,3pul. MissONA Wals, Lebanon, 1hen; 1,4pul; 2ck; 1pen. WGRutledge, Nashville, 3ck. WELumley, Tullahoma, 1ck; 4,5hen. **White Langshans**—HSNoblett, Pk, Ind., 1,2hen; 2,3pul; 1,2ckl. WELumley, Tullahoma, 1ck; 1pul. **Buff Leghorns**—WDFE Ashland, Mo., 2ck; 1hen; 2ckl. JMGresb & Bro., Smyrna, 2pen. MrsAllenMDorris, Fersonville, 1,4pul. WHPuryear, Columbia, 1ckl; 2,5 pul. HFFarris, Columbia, 1ck; 2,3pul; 1pen. **Anconas**—Dismukes & Arring, Castellan Springs, all awards. **SCBuff Orpingtons**—RogerVHarp, Lexington, Ky., 2ck; 1,1pul. Gordon Martin, Nashville, 3ck. Puryear, Columbia, 5ck; 2pen. OWThou, Nashville, 3hen. JCDennie, Nashville, 3,4,5ck. GCOvery, Nashville, 2hen. JSSeagraves, Lebanon, 4ck. MrsSCBridgewater, Dixon Springs, 4,5hen; 2pul; 1ck; 1pen. Smith B, Nashville, 3pen. **SC Black Orpingtons**—J Donoho, Portland, 4ck; 1hen. 3pen. Park Poultry Pens, Nashville, 1,2,3,5ckl; 1,2,3,4,5ckl; 4hen; 1,2,3,4,5pul; 3hen; 1,2pen. **SCWhite Orpingtons**—Wm Thurman, McMinnville, 1ck; 2,5pul. CADobbs, Gainesville, Ga., 1ck; 2ckl; 1hen; 1,3pul; 1pen. Geo Waller, Nashville, 4ck. **Andalusians**—Martin Poultry Yards, Nashville, all awards. **Silver Campigns**—MrsMMLigt, Nashville, 1ck; 3,4,5hen. Mrs John J Norton, Nashville, 1,2hen. **Houdans**—Dixie Pity, Y.

BARRED PLYMOUTH ROCKS

Cockerel mating exclusively. Write for price. Utility or exhibition.

W. H. SHAW Canton, Ill

henson, Ala., 1ck; 1hen; 1pen. Mrs Jas.A. Franklin, 3ck; 2,3,4hen; 1,2pul; 1,2,3 Joe Waller, Nashville, 2ck. *Pit Games*—Jeele, Nashville, 1ck; 1ckl; 2pul; 2pen. Jamilton, Nashville, 3,5ckl; 1pen. WBHard—Murfreeshoro, 2,3,4,5ck; 1,3,4pul; 2,4ckl; 2n; 1,2,3,4,5hen. WELumley, Tullahoma, 5 4ckl. *Buff Wyandottes*—RCRichey, Mczie, 1,2ck; 1,3hen; 1,2,3ckl; 1,3,4pul; 1pen. reene, Gadsden, Ala., 2hen; 4ckl; 2,5pul. *ed Leghorns*—CNHansen, Portsmouth, O., wards. *WFB*ack Spanish—ATHarman, Ors., Ind., 2ckl; 2pul; 2hen. HRBirchitt, Leb., 1pen. HLRoss, Tullahoma, 1ckl; 1hen; *BBRed Game Bantams*—FrankRHale& Shelbyville, Ind., 2ck; 2hen; 3,4ckl; 3,4 HBLansden, Manchester, 1ck; 1hen; 1,2 1,2pul; 1pen. *Brown Red Game Bantams*—eSwint&Son, Nashville, 1ck; 1,2hen; 1pul. Lager, Nashville, 2ck. *Silver Duckwing Bantams*—FrankRHale&Son, Shelbyville, Ind., 3,4hen; 1,2ckl; 1,2pul. Robert Fields, Nashville, 1cock, 1,2hen. *Red Pyle Bantams*—kRHale&Son, Shelbyville, Ind., 2ck; 2,3 1,2ckl; 1,2pul. PFHager, Nashville, 1,3 1hen. *Golden Seabright Bantams*—Frank le&Son, Shelbyville, Ind., 5hen, 3,5ckl; 5 Lewis Culps, Pulaski, 1ck; 1,2ckl; 2,3,4 2,3hen. Cockrill Bros., Nashville, 2,3ck; JoeSwint&Son, Nashville, 4,5ck; 4hen; 4 1pul; 1pen. *Silver Seabright Bantams*—kRHale&Son, Shelbyville, Ind., 1,2hen; 1, keral; 1,2pul. Cockrill Bros., Nashville, 1 Joe Swint&Son, Nashville, 2,3ck. *Black Comb Bantams*—RMDudley, Jr., Nashville, JoeSwint&Son, Nashville, 1,2,3,4hen; 1, 1,2,3,4,5pul; 1,2ckl. *White-Crested Black h*—Joe Swint&Son, Nashville, all awards. *ze Turkeys*—Mrs T W Simmons, White se, 1,2ck; 4,5ckl; 1hen. JMGresham&Bro., rna, 3hen. RHYoung, Lebanon, 4ck; 2,5 4pul. MrsNGGreer, Franklin, 5ck; 1,2ckl; pul. WBHarding, Murfreeshoro, 3ckl; 5 *Slate Turkeys*—JMGresham, Smyrna, 1 *Chinese Geese*—WH&CKRobinson, Au- 1ckl; 1pul; 3ck. Hillcrest School Farm, ville, 1,2ck; 1,2hen; 2,3ckl; 2,3pul. *In- Runner Ducks*—HSNoblitt, Paoli, Ind., 1, 5ckl. JMDonoho, Portland, 3,4ckl. JW ers, Murfreeshoro, 1ck; 1,2hen. Mrs DM efield, Adairville, Ky., 1,2ckl; 4,5ck; 3,5 3,5pul. WELumley, Tullahoma, 4hen, 2, *Muscovy Ducks*—Miss May Tom Warner, ville, all awards. *Pekin Ducks*—WH and obinson, Auburn, 1ck, 1ckl; 1hen; 1pul.

Tim Kelly, Nashville, 4,5ck; 2,3,4,5hen. WE Lumley, Tullahoma, 2,3ck. JMGresham&Bro., Smyrna, 3hen. RHYoung, Lebanon, 4ck; 2,5 hen, 4pullet. MrsNGGreer, Franklin, 1,2ckl; 1,2,3pul. WBHarding, Murfreeshoro, 3ckl; 4hen; 5pul. *Emden Geese*—WHandCKRobinson, Au- burn, all awards. *Pearl Guineas*—WIGresham, Murfreeshoro, 2ck, 2hen. WBHarding, Murfreeshoro, 2ck, 2hen. WBHarding, Murfreeshoro, 1,3ck; 1,3hen.

Resume of the Nashville Show

The class in White Rocks at the Tennessee State Fair was good. Mr. Sandford McFerrin, of Springfield, Tenn., making the best showing among Southern breeders. His hens shown were of the right type and color. He won special for the best pen of White Rocks shown by Tennessee breeder, also fifth prize for largest and best display of any one breed. A grand display of Partridge Plymouth Rocks were shown by G. W. Sypert, of Madisonville, Ky. These birds were the first of this variety exhibited there and received a great deal of attention. The Barred Rock class was large, the first pen being magnificent specimens of this breed.

In the Wyandotte classes, the Whites led, with the Silvers close up. In the Columbian class, Judge T. Reid Parrish made a clean sweep, winning 1st cock; 1st and 2nd hen; 1st, 2d and 3d cockerel; 1st, 2d, 3d, 4th and 5th pullet, and 1st pen, and special prize for best pen in this breed.

The competition in the Rhode Island Red class was the strongest of any show ever held in the South. The Single Combs brought out such well-known exhibitors as C. A. Dobbs, Gainesville, Ga.; H. B. Lansden, Manchester; Edgewood Farm, Frank Davis and James M. Frank, of Nashville; and the judging of these birds was the center of attraction in the big tent. The Edgewood Farm captured 1st pen, special for best pen in class and *Nashville Banner* special of \$25 in gold for best pen, any kind, any breed in show, from Kentucky, Tennessee and Alabama. H. B. Lansden had a big string of birds, winning 1st and 2d cock, 4th hen and 1st pullet. Frank Davis and James M. Frank were neck and neck in the competition, Mr. Davis winning 3d hen, 3d and 5th cockerel and 3d pen. and Mr. Frank winning 2d and 4th cockerel and 4th pen. Some nice Rose Combs were shown, but did

not attract the attention of the visitors as did the Single Combs.

The Brown and White Leghorns were well up, and about even in point of entries. The first cockerel in Browns was a magnificent bird, and his equal has rarely been seen in the South. There was a great many good Whites present, the first pullet, owned by Dr. C. S. Tataum, of Center, Ala., being a fine specimen of this breed.

In Minorcas, Mrs. John M. Grissim and J. C. Vaughan, both hailing from Lebanon, captured the cream of the prizes. Mrs. Grissim won every first on Whites. There were some good birds in this class, and the class was above the average.

In Hamburgs, and Black Spanish, H. R. Birchett, of Lebanon, won most of the premiums, but the class was light. Dismukes & Arrington made a clean sweep on Mottled Anconas, exhibiting about fifteen of these birds.

There were several really good breeds of Asiatics in the show. The first pen in Langshans was noticeable by containing four prominent pullets. W. C. Lumley, of Tullahoma, had an extra good cockerel in this class. Mr. Lumley won 1st cock and 1st pullet in White Langshans, competing with one of the World's best-known breeders. Miss Ona Waters made some very good winnings with her flock of Black Langshans.

In the Orpington class, there were many good blocky birds. They were sound in color, large in size and of good Orpington type. Mrs. S. C. Bridgewater, of Dixon Springs, Tenn., had a fine string of Buifs, as did Mr. Roger V. Harp, of Lexington, Ky. Mrs. Bridgewater won 4th and 5th hen, 2d pullet, 1st cock, 1st pen, silver cup for best hen in the show, and State special for best pen. Mr. Harp won 2d cock, 1st cockerel and 1st pullet.

Miss Alice Pelton had a string of magnificent Blacks, winning \$25 special for second best and largest display of any one breed, special for best pen, and silver cup for best pen Orpingtons in the show, besides several single entries. Mr. C. A. Bobbs, of Gainesville, Ga., made a sweep of Whites in good competition. Neatly arranged in good position, Mr. Dobbs' birds attracted considerable attention.

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One 25c bag Purina Chicken Chowder } 25c
 One 25c bag Purina Scratch Feed }

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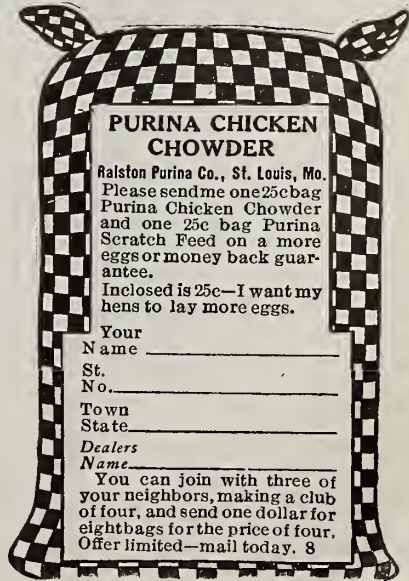
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I want you to thoroughly test Purina Chicken Chowder, a perfect mash for laying hens. It is the natural egg producing feed, containing just the ingredients that are found in an egg. It's clean and pure and is properly proportioned for producing the most eggs. When used in connection with Purina Scratch Feed, it will produce more eggs than any other feed in the world and I can prove it to you with your hens.

I guarantee to increase your eggs or return your money

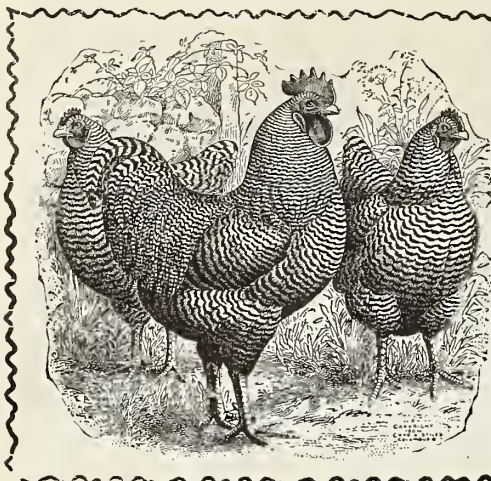
That's a bold statement and I couldn't make it if I didn't have the best feed in the country—the feed that will make your hens lay more eggs. Wrap a quarter in a piece of paper (or send stamps) and mail it to us today, with your dealer's name, and I will ship, through your dealer, two 25c bags of Purina Poultry Feed, freight prepaid. If you fail to get more eggs, the feed will not cost you a penny. You have nothing to lose and every-thing to gain. The offer is limited, so mail the coupon today.

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 Please send me one 25c bag Purina Chicken Chowder and one 25c bag Purina Scratch Feed on a more eggs or money back guarantee.
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 You can join with three of your neighbors, making a club of four, and send one dollar for eight bags for the price of four. Offer limited—mail today. 8



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NOTHING BUT HIGH CLASS STOCK IN MY PENS.
EGGS: \$3.00 for 15, or \$5.00 for 30

Only a limited number of birds to be sold this season. Write me your wants.

SATISFACTION GUARANTEED

O. R. BRIGHAM, Athens, Tenn.

Tri-State Fair at Memphis

The Tri-State Fair Poultry Show was one of the biggest and best ever held in the South. Old fanciers stated that there were cooped in this show hundreds of birds with quality good enough to show at Madison Square Garden. It goes without saying that Memphis had a quality show, as well as quantity. The Reds came first, Orpingtons followed second. Wyandottes and Plymouth Rocks were well represented, also Leghorns and Minorcas. The Bantam class was large and of exceptionally fine quality. Turkeys, geese and ducks were well represented. Ben E. Barry, the congenial superintendent, should be congratulated on the high plane in which the show was conducted. It will go down in history as one of the classiest and cleanest poultry shows ever held in Dixie. Below is given a list of the winners:

Barred Racks—WELove, Jr., Memphis, 1,3,4 ck; 2,3,5hen; 2,3ckl; 1,2,5pul; 1,3pen. Pike Poultry Farms, West Point, Miss., 2ck; 1hen; 1,5ckl; 3,4pul. Joseph Mette, Memphis, 4hen. Loveland Farm, Memphis, 4ckl; Southern Pty. Yard, Vaiden, Miss., 2pen. EPLittle, Buntyn, 4pen. **White Racks**—Rockandotte Farm, Southboro, Mass., 1ck; 1hen; 1,2,3,4 ckl; 1,2,3,4pul; 1pen. Mills Poultry Farm, Byhalia, Miss., 2ck; WSPope, Verona, Miss., 3ck, 4hen; 5pul. JS Washburn, Memphis, 4ck; 2,3hen; 5ckl; 3,4 pen. JSGwin, Lexington, Miss., 5ck. EPLittle, Buntyn, 5pen. **Buff Rocks**—E S Eby, Monroe, La., all awards. **White Wyandottes**—Rockandotte Farm, Southboro, Mass., 1ck, 1hen; 1,2,5 ckl; 1,2,3,4,5pul; 1pen. Lakeside Poultry Farm, Texarkana, Tex., 2ck; 3,4,5hen. Southern Pty. Yards, Vaiden, Miss., 3ck; 3ckl; 4pen. JWLee, Batesville, Miss., 2hen; 3pen. GEMcLendon, Memphis, 4ckl; 5pen. **Buff Wyandottes**—CE Coe, Memphis, 1ck; 2,4,5hen. RCRichey, McKenzie, 2,3ck; 1,3hen; 1,2,3ckl; 1,2,3pul; 1pen. **Black Wyandottes**—Southern Poultry Yard, Vaiden, Miss., 1pen. MEJarratt, Batesville, Miss., 1ck. **Silver Wyandottes**—MEJarratt, Batesville, Miss., all awards. **SCRIReds**—DGCoffman, Josephine, Texas, 1ck; 4hen; 3ckl; 1pen. Bate Williams, Memphis, 2ck. AJMontgomery, Madison, Miss., 3ck; 3pen. JHPerrin, Meridian, Miss., 4ck; 3,5hen. Pike Poultry Farm, West Point, Miss., 5ck. HoraceMLayman, Huntsville, Ala., 1hen. JamesMFrank, Nashville, 2hen; 1 ckl; 3pul; 4pen. WFKillman, Bald Knob, Ark., 2ckl, 2pul. CLBaker, Memphis, 4ckl. JPipes Sharp, Shaw, Miss., 5ckl. MrsFGDavis, Nashville, 1pul; 2pen. MrsGeoTVance, Memphis, 4 pul. WWStevenson, Memphis, 5pul. EEMcGowan, Memphis, 5pen. **SCWhite Orpingtons**—AEMcCary, Vicksburg, Miss., 1ck, 3,5ckl; 1 pul; 1pen. Street and Bishop, Columbus, Miss., 2ck; 2,3hen; 1,2,4ckl; 3,4,5pul; 2pen. Harry Calicott, Coldwater, Miss., 3ck; 2pul. Theo.J Festner, Memphis, 1hen. **Buff Orpingtons**—A EMartz, Arcadia, Ind., 1,2,3ck; 1,2,3hen; 1,2,3 ckl; 1,2,3pul; 1,2pen. WHBallard, Memphis, 4 ck; 4,5ckl. GeoMWells, Pine Bluff, Ark., 5ck; 4,5hen; 4pul; 3pen. RFBLogan, Hernando, Miss., 5pul. Mrs.WAGibbons, Conway, Ark., 4,5pen. **Black Orpingtons**—Lakeside Poultry Farm, Texarkana, Texas, 1ck; 1,2,3hen. JT Morgan, Memphis, 2cock, 4hen. **SCBlack Minorcas**—ChasGPape, Ft Wayne, Ind., 1ck; 1,2,3, 4,5hen; 1,2,3ckl; 1,2,3pul. GeoAWilson, Greenwood, Miss., 1pen. CFCalloway, Oakland, Miss., 2ck; 5ckl; 5pul. OscarFBlomberg, Memphis, 4 ckl; 4pul. **Houdans**—Ideal Poultry Farm, Orleans, Ind., 1ck; 1hen; 1,2ckl; 1,2,3,4pul. Chas DeBremond, Memphis, 3,4ckl; 5pul. **Indian Games**—WDBurney, Memphis, 1ck; 1,2,3hen. WHAbington, Beebe, Ark., 1pen. **Partridge**

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Profusely illustrated. It's free on request. Shows the very latest ideas in Fine Jewelry, Tennessee Pearl Jewelry, Watches, Gems, Sterling Silver Novelties, Flatware, Hollowware, Library Cut Glass, Pickard China and other fine Gift Wares. Specialty of Silver Loving Cups for Poultry Shows.

WEDDING INVITATIONS, Announcements, Cards, Stationery, richly and correctly engraved in our own plant. Send for samples and prices.

JEWELERS HOPE BROS. 519 Gay Street
EST. 1868 KNOXVILLE, TENN.

Cochins—Allen Thornton, Memphis, all awards. **W Crested Blk Polish**—SBBejach, Memphis, all awards. **W F Black Spanish**—Loveland Farm, Memphis, all awards. **Black Langshans**—DK Stinson, Memphis, all awards. **Pit Games**—W CCrawford, Williston, 1ck; 4hen; 1,2ckl. Sam HJones, Como, Miss., 2ck; 1,2,3hen; 1pen. W IYancey, Memphis, 4,5cock, 5hen; 2,3pen. **SC White Leghorns**—APRyland, Pine Bluff, Ark., 1,2ck; 1,2,4hen; 1pen. Pike Poultry Farms, West Point, Miss., 3ck; 3hen; 5ckl; Lakeside Poultry Farm, Texarkana, Tex., 5hen; 3ckl. Dr.SCTatum, Center, Ala., 1,2ckl. WARobinson, West Point, Miss., 4ckl. MrsJames Snell, 2pen. **SC Brown Leghorns**—Loveland Farm, Memphis, 1,2ck. Forbes Poultry Yard, New Decatur, Ala., 3ck; 2,4hen; 1,2pul; 1pen. Mrs. LPSayre, Evansville, Miss., 1,3,5hen; 1,2ckl. ADMoore, Memphis, 3,4pullet. **Buff Cochins Bantams**—Lewis Culps, Pulaski, 1 cock, 3,4hen; 1,2,3ckl; 1,2,5pul. Francis and Nina Forbes, New Decatur, Ala., 2ck; 1,2hen; 3,4pul; 1pen. **Black Cochins Bantams**—LPRandall, Chicago, Ill., 1ck; 2,4,5hen; 4ckl. CTBaker, Memphis, 2ck; 1,3hen; 1,2,3ckl; 1,2,3pul. **Golden Seabright Bantams**—Lewis Culps, Pulaski, 1ck; 2, 3,4hen; 2ckl; 1,3,4pul; 1pen. WCGihson, Memphis, 3ck. ChasAWait, Memphis, 2ck; 1,5hen; 1ckl; 2pul. **White Bantams**—Mrs B W Green, Memphis, all awards. **Pekin Ducks**—Loveland Farm, Memphis, all awards. **Indian Runner Ducks**—JJWingert, Crawfordsville, Ind., 1drk; 1dk; lyng.drk; 1,2,3,4,5yng.dk. HMMurray, Newman, Ga., 2drk; 3,4,5dk. **Toulouse Geese**—EPLittle, Buntyn, all awards. **Turkeys**—MrsRMcElrath, Mineral Wells, Miss., all awards.

A great many special ribbons, cash prizes, cups, etc., was given at this show, and the competition in these classes was very hot. The Rockandotte Farm, of Southboro, Mass., a majority of specials. THE INDUSTRIOUS HEN cup, for the championship pen in the show, went to Mr. D. G. Coffman, of Josephine, Tex.

Broadgaged Poultryman Wanted
Man to install and run a poultry farm experimental and commercial lines, conduct to show profits. Good salary, home, comfort and advantages. Address THE INDUSTRIOUS HEN, Knoxville, Tenn.

EGGS ONLY

Buttercups, 15 for \$2.
Barred Minorcas, 15 for 3.
S. C. R. I. Reds, pen one, 15 for . 3.
S. C. R. I. Reds, all other pens, 15 for 2.

Will sell a few breeders from Barred Minorcas, \$5.00 to \$10.00 each

C. S. TAIT
BRUNSWICK, GEORGIA

S. G. BUFF ORPINGTONS

Imported strain, rich golden buff through out, up to weight. Mine are winter layers and via the Blue. Eggs \$2.00 per 15. Good a matter of correspondence.

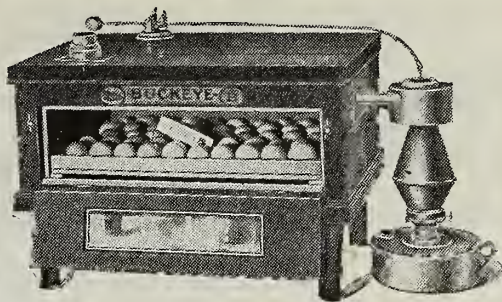
MRS. LULA LAWSON
Route 4, Box 2, Cleveland, Tennessee

M. B. TURKEYS, BLACK LANGSHAN

Prize winners at Tennessee State Fair and Appalachian Exposition Poultry Show. Tom at head pen in Turkeys has won many firsts and specials. Langshans have won from the best in the So at the big Southern shows. Show birds a specialty. **MISS ONA WATERS, Lebanon, Tenn.**

10,000 BUCKEYES

Sold by 4 Dealers



HERE is a record that has never been equalled—four dealers sold ten thousand Buckeye 50-egg Incubators last season in six months,—and they wanted more, but we couldn't supply them. From all over the country we have reports telling of the great demand for Buckeyes. Wherever they were on sale they outsold all other makes combined. This season we will build 100,000 Buckeyes and we will sell every one through dealers and each one will be sold on a genuine money-back guarantee. Every dealer who takes our proposition now will make big money—and give his customers the biggest incubator value in the world. But he must do it now.

BUCKEYE 50-EGG INCUBATOR

The Buckeye 50-egg Incubator is a high class machine, built of the very best materials and containing every necessary device found in any incubator at any price.

The Buckeye is the machine that exactly fits the needs of nearly every incubator buyer. It is just right in size—50 fresh eggs are easily got together, running the hatch requires little or no attention, a greater percentage of the fertile eggs hatch out, and a flock of 50 chicks at a time is easily taken care of and brought up to profitable maturity.

Another reason why ninety-nine out of a hundred incubator buyers prefer the Buckeye is because of the price—\$6, \$7 and \$8,—while other makers ask \$15 to \$25 for machines that cannot equal the Buckeye.

Then every Buckeye Incubator is sold on our absolute guarantee—money refunded immediately if after a forty

days trial it doesn't prove satisfactory in every respect. The size, the price and the guarantee make the Buckeye 50-egg Incubator the easiest to sell on the market. Put them in stock—let your customers try them out for 40 days—we'll take them back if they are not satisfactory in every respect.

Write us to-day for our special proposition to dealers, and how we help them sell more Buckeyes.

If you are not a dealer—if you are in the poultry business or want to get into it and make money, write for our catalogue and our two valuable books, "Making Money the Buckeye Way" and "51 Chicks from 50 Eggs." We know they will interest you. Write to-day and we will send you all three, absolutely free. A post card will do.

THE BUCKEYE INCUBATOR CO., 525 W. Euclid Ave., Springfield, Ohio.

Ever heard of Poultry Book Published... ever heard of it? Well, you are the loser. It is a thoroughly practical book on poultry raising. Every article written from actual experience. There is nothing technical about it. It is hard to understand. Just the sort of information that one practical poultryman would give to another. That's the sort of information that brings results. Profit by the other fellow's experience. No use of experimenting all the time. Send fifty cents and get a copy of this new book on poultry, entitled "Poultry and Chicks, or How to Make Money Raising Poultry." If you are not pleased with the book, return it and get your money back. Can anything be fairer?—THE INDUSTRIOUS HEN CO., Knoxville, Tenn.

Hope Bros., Jewelers, Knoxville, Tenn. The handsomest window display of silver cups ever made in Knoxville was the one at Hope Bros., recently, of the cups awarded to the exhibitors of the Appalachian Exposition Poultry Show. Beautiful silver cups to the value of \$10 to \$100 were admired extravagantly by thousands who saw them. During the show they were on exhibition in a glass show case in the middle of the show room attracted much attention. Hope Bros. are reliable jewelers and our readers will do well to consult them. See ad elsewhere and send for our beautiful catalogue.

Winners at the Appalachian Exposition P. Swift & Son, Waynesville, N. C., were pleased exhibitors at the Appalachian Exposition Poultry Show. They won on White Leghorns, 3d, 5th, cock; 2d, 4th, 5th pullet; and special silver cup awarded by the National S. C. White Leghorn Club. S. C. White Leghorns: 3d pen. Hamburgs: 1st cock; 1st pullet; 1st pen. Swift & Son's make good winnings. Last year at the Knoxville Show they were awarded six firsts, two seconds, five thirds, one fourth, THE INDUSTRIOUS HEN'S Silver Loving Cup for best scoring pen of birds in show, all ages competing, a silver cup for highest scoring pen of White Leghorns, and many specials and club ribbons.

WINNING, LAYING ——— ALWAYS PAYING

Ballard's BUFF ORPINGTONS

At the great Mississippi State Fair, Jackson, 1910, won 1st, 3rd and 4th cockerel; 1st and 2nd pullet; 1st pen and color special. Also winners at the Tri-State Fair, Memphis, Tenn. Satisfied customers all over the South. New yards added for 1911, containing NOTHING BUT THE BEST. Stock all sold. Could sell 1,000 more. Mating list ready January 1st, 1911.

W. H. BALLARD
R. F. D. No. 5 Memphis, Tenn.

ROYAL STRAIN

BARRED P. ROCKS

We are offering for sale 100 of our ROYAL STRAIN BARRED PLYMOUTH ROCK EXHIBITION COLORED PULLETS at very reasonable prices. These pullets are all early hatched and well developed. We also have a few exhibition cocks and cockerels for sale. Write us about them; it is a pleasure to answer your questions.

DES-RENA POULTRY YARDS
GREENVILLE - - - SOUTH CAROLINA

Notice to Poultrymen!

GERMOZONE Means Health

KEEP the general health of your fowls good and you will have little trouble with the diseases usually so common during the winter months. Proper bowel action is important, and especially where fowls are on heavy feed. Germozone has unusual value as a bowel regulator. It tones the system and keeps the fowl in good condition. Give it to all fowls twice a week in the drinking water and by so doing know that you are providing for them the best health insurance possible. No other poultry medicine in the world is to-day so generally used as Germozone; none other is so certain and far-reaching in its good effects.

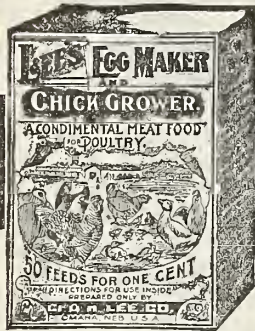
Either in tablet or liquid form. Price 50 cents.



To Get Eggs in Winter

you must furnish the kind of food that makes eggs. Lee's Egg Maker is endorsed by the best feeding authorities in the Union as being the most satisfactory form of meat food obtainable; clean, wholesome, and contains more digestible protein than any other. Other foods may contain more protein, but none other has so large a percentage of digestible protein, and that's what makes eggs. Large egg-producing plants buy it in ton lots. Begin now. Provide your hens the best food—Lee's.

25c and 50c Packages. 25 lb. Pail \$2.00. 100 lb. Drum \$7. Freight paid on 100 lb. lots.



Lee's Egg Maker

Read "Lee's Chicken Talks" and post up on poultry. A wide-awake, practical book. A copy free.

GEO. H. LEE CO. 1113 Harney Street OMAHA, NEB.

Disinfectant that is Used and Endorsed by Forty-Six Agricultural Colleges

Zenoleum enjoys the distinction of being the most popular disinfectant and animal dip that is made. There are only 47 agricultural colleges in this country and 45 of these use Zenoleum and endorse it officially.

Dr. A. S. Alexander, of the Wisconsin Agricultural College, says: "I have found Zenoleum perfectly reliable, standard in manufacture and effective in a host of ways. There are 100 uses for it on every farm. It is especially valuable in outbreaks of cholera, skin diseases, lice and scab."

Prof. Homer W. Jackson, of the Pennsylvania State College, says: "Preference has been given to Zenoleum."

Prof. M. H. Arnold, of the Rhode Island College of Agriculture, says: "It will kill lice almost instantly—is also a valuable disinfectant."

Prof. James E. Rice, of Cornell University, says: "Our experience justifies our continuing to use Zenoleum."

Prof. D. J. Lane, of the University of Minnesota, says: "We have found Zenoleum satisfactory."

Prof. H. L. Kempster, of the Michigan Agricultural College, says: "Would not think of going through a brooding season without using a disinfectant like Zenoleum."

Prof. C. L. Opperman, of the Maryland Agricultural Experiment Station, says: "Have used Zenoleum exclusively and have not had a single outbreak of disease."

Prof. John G. Halpin, of the University of Wisconsin, says: "I use Zenoleum and recommend it very strongly."

With such strong endorsements from leading authorities in Agricultural work, there

can be no question of the merit and effectiveness of Zenoleum as a disinfectant and in the prevention and cure of all ordinary diseases and afflictions of cattle, swine, sheep, poultry and horses that are caused by germs and insanitary conditions.

The manufacturers, The Zenner Disinfectant Co., 201 Lafayette Ave., Detroit, Mich., will be pleased to send free to any farmer, stockman or poultryman a valuable book called "Veterinary Adviser." This book has 64 pages and gives information in concise form that is invaluable to every one interested in the subject of animal health and profits.

Birmingham and Macon Winners

The winnings at the Alabama State Fair, Birmingham, and of the Georgia State Fair, at Macon, will be published in the December issue. Our advertisers who won at these shows

will receive special mention, and if you had a string of birds at either of these shows and are not carrying any space with us now, you should begin a contract in this number. It will be a big advertisement for you.

How "Tycos" Thermometers are Tested for Accuracy

After the little tube has been filled with mercury, sealed and laid away to "season," so that it may become permanently accurate, after it is taken out of its many, many months of "ageing" in the big vaults, and the scale has been fitted and it has been assembled for packing and shipping; after being tested through all these processes of actual manufacture to make sure of accuracy, it would seem that it might be a perfectly safe instrument to instruct one's eggs to, but even there the manufacture of "TYCOS" Thermometers will not allow their instruments to go upon the market without one final test to determine if each and every thermometer for incubator use will perform exactly as it should when put to actual incubator use.

To make this final test, the Taylor Instrument Companies have made at great expense an air-tight, electrical testing apparatus, capable of maintaining an even temperature for an indefinite period of time. This apparatus is illustrated in the above representation from an actual photograph of the machine being filled with "TYCOS" Incubator Thermometers, preparatory to a "test." It is arranged with a double deck for holding a quantity of "TYCOS" Incubator Thermometers, and is fitted with glass doors and windows, for the careful observation of all stages of the test, as any draft of outside air would disturb the temperature of the inside chamber. A standard "TYCOS" Thermometer is located in the chamber and as the heat of the chamber increases, this instrument is closely watched until the temperature is shown to be 105 degrees Fahrenheit, or high incubating temperature.

The temperature is held at this degree for a short period, while the registration of the thermometers to be tested is observed, after which it is reduced to 103 degrees Fahr., or correct incubation temperature. This is continued until all the thermometers in the case have had ample time to register and demonstrate their accuracy under incubating conditions. This testing machine is in line with the policy of the Taylor Instrument Companies, that their instruments must show efficiency under actual working conditions.

An interesting booklet on the making of "Tycos" Thermometers for Incubators, "Tycos Incubator Thermometer Facts Worth Knowing," may be had from the Taylor Instrument Companies, Rochester, N. Y., upon request.

PETALUMA INCUBATORS AND BROODERS

the leaders. Principle, Construction, and Results compel the admission that there is none to equal them. There is a difference between chicks just hatched and those "well hatched."

There is a reason why users of Petaluma Incubators accord to them genuine supremacy. There is a reason why with far less advertising more Petaluma Incubators and Brooders are sold than ever before.

No other incubator in the world has a hatching record to equal the Petaluma. Read about it in our Free Catalogue.

We Pay Freight.

Petaluma Incubator Company

Box 23 Petaluma, Calif., or Box 23 Indianapolis, Ind.



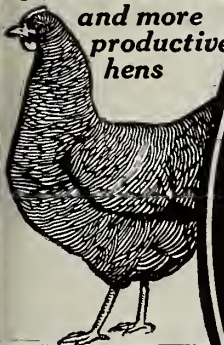
SILVER - LACED WYANDOTTES BEST IN THE SOUTH

THEY have proven their worth by winning in three of the South's greatest shows held this fall. At the Tri-State Fair, Memphis, won 1st cock, 1st cockerel, 1st hen and 1st pullet; at great Appalachian Exposition Poultry Show, Knoxville, won 1st cock, 1st hen, 1st pullet and 2d cockerel; and at Mississippi State Fair, Jackson, won 1st and 2d pullet, 2d hen, 2d cockerel and 2d pen. This is a show record that stamps my birds among the best in the country. EGGS—From pens 1 and 2, containing prize winners, \$3.00 for 15; pens 3 and four, good as the best, \$2.00 for 15. Book your orders now for eggs.

M. E. JARRATT, Route 2, Batesville, Miss.

The Sure Way To Poultry Profits

Makes healthier and more productive hens



Prof. James E. Rice, of Cornell University, says: "We have found Zenoleum a very satisfactory disinfectant in connection with our incubator and brooder work—our experience would justify our continuing to use Zenoleum."

Destroy Lice and Mites and Prevent the Spreading of Infectious Diseases

One who does not take proper care of his poultry has as much chance to raise them profitably as the man who tries to fill a sieve with water—it is absolutely necessary to keep poultry free from lice, mites and all disease-breeding germs and filth. When this is done, when they are given a fair chance, poultry will make you profits which, compared with the capital invested, are greater than in any other line of legitimate business. You can obtain these profits, easily and with hardly any effort, by the use of

Disinfectant,
Won't Poison,
Won't Explode,
Won't Burn



A Carbolic, Cresol, Coal-Tar Preparation
"The Surest Lice Killer and Disinfectant"

A single quart is all that is necessary to rid 100 hens of lice, mites and germ filth—it cures and prevents all ordinary poultry ailments and diseases—contains nothing that is injurious—insures cleanliness and safeguards your poultry's health and your own profits. It is "the best coal-tar, carbolic, cresol disinfectant dip made" and an absolute necessity to every farmer and poultry raiser.

Sold Everywhere—and positively guaranteed to be satisfactory. If Zenoleum is not all we say it is—or even what you think it ought to be, you can have your money back—no argument, no letters, just money. Ask your dealer first, but insist upon Zenoleum and don't take a substitute—if he can't supply you, we will deliver to your station, charges prepaid—1 gal., \$1.50; 5 gal., \$6.25. 8-oz. size, 25c at your dealers. 35c from us prepaid. **Equally beneficial for live stock.** Write for free books, "Chicken Chat" and "Veterinary Adviser"—the latter is invaluable to stockmen. Your name on a postal will do.

The Zenner Disinfectant Co., 201 Lafayette Ave., Detroit, Mich.

Has a Clean,
Wholesome,
Inoffensive,
and Pleasing
Odor

Hatches a greater number of healthy chicks and protects them from disease.



Prof. W. R. Graham, of Ontario Agricultural College, says: "The addition of Zenoleum proved of the greatest value in maintaining the vitality of the chicks—producing 9% more. I would use this substance in every machine set." Send for official report.

Used and endorsed by 46 agricultural colleges

SHOW DATES

- Little Rock, Ark., Nov. 14-19.
- Somerville, Tenn., Nov. 17-19.
- Iuka, Miss., Nov. 22-24.
- Dalton, Ga., Nov. 22-24.
- Marianna, Ark., Nov. 23-25.
- Lake Charles, La., Nov. 28-Dec. 3.
- Gastonia, N. C., Nov. 29-Dec. 2.
- Fort Smith, Ark., Dec. 6-10.
- Asheville, N. C., Dec. 8-12.
- Gadsden, Ala., Dec. 10-14.
- Meridian, Miss., Dec. 12-17.
- Pine Bluff, Ark., Dec. 13-17.
- Bristol, Tenn., Dec. 14-17.
- Wadesboro, N. C., Dec. 15-17.
- Charlotte, N. C., Dec. 28-30.
- Atlanta, Ga., Jan. 9-15.
- Spartanburg, S. C., Jan. 10-12.
- Lexington, Ky., Jan. 10-14.
- Richmond, Va., Jan. 11-14.
- Knoxville, Tenn., Jan. 18-21.
- Louisville, Ky., Jan. 19-25.
- East Orange, N. J., Nov. 20-26.
- Kansas City, Mo., Nov. 29-Dec. 3.
- Grand Central Palace, N. Y. City, Nov. 18-24.
- Centralia, Mo., Nov. 22-24.
- Topeka, Kan., Jan. 2-7.
- New Orleans, La., Dec. 15-18.
- Anderson, Ind., Feb. 14-18.
- Baltimore, Md., Jan. 3-7.
- Herridon, Va., Dec. 21-23.
- Cleveland, O., Jan. 23-28.
- Toledo, O., Jan. 9-15.
- Lafayette, Ind., Jan. 26-Feb. 2.
- Chicago, Dec. 8-14.
- Chattanooga, Tenn., Jan. 10-14.
- Bowling Green, Ky., Oct. 26-29.
- Vicksburg, Miss., Dec. 6-8.
- Madison Square, N. Y., Dec. 27-31.
- Alliance, O., Feb. 6-10.
- Springfield, Ill., Jan. 2-7.
- Abingdon, Va., Jan. 13-15.

Appalachian Exposition

The poultry exhibit held in connection with the Appalachian Exposition at Knoxville, Tenn., October 5 to 12, was one of the finest and best managed shows we have ever attended in the South. The building was roomy, well lighted and ventilated, the cooping by Spratt's was well done and artistically arranged, the aisles were wide and comfort for man and fowl seem to have been well planned. The classification was very good, single specimens in one cage ruling, pens being cooped in the center of the building. Superintendent Vaughan and his assistants were on the job at all times and a general feeling of satisfaction existed among the exhibitors.

To Director L. B. Audigier, the credit for promoting this strictly high class poultry exhibition must be given. He was firm, but

courteous in enforcing all the rules. Belated entries were returned to their tardy owners, private leg bands were ordered removed from all specimens and the A. P. A. rules were lived up to the letter.

Socially, the visiting fanciers were royally entertained at a number of banquets given by L. B. Audigier, the Commercial club and the Kentucky fanciers who did much to make the show a success in more ways than one.

Secretary S. T. Campbell, of the American Poultry Association, and Dr. Theo. Wittman were the live wires at the Poultry Institute. That pair of "Teddies" make the strongest A. P. A. team on the turf. They are workers, who can think of chickens oftener than they do of themselves. Wittman's talk at the institute is the kind that chicken fanciers like to listen to, for Theo. has a quaint way of stating real facts. Secretary Campbell knows how to run an institute in a dignified and efficient manner, and is some spellbinder also. Prof. Jeffries and Prof. Slocum made interesting addresses, but the most brilliant effort was that of Mrs. Bridgewater, a highly cultured lady, whose essay, "The Chanticleer"

was a classic. Space forbids description of the fowls, of which there were 1,200 entries, except to say that the quality in most classes was superior. The Orpingtons were out in force and made up one-fourth of the show, the competition being extremely keen with the grand string of Whites, Buffs and Blacks shown by Messrs. Cook, Haggin, Mrs. Bridgewater and many others fighting for the ribbons and handsome specials. It looks as if the Orpington was the coming fowl of the South.—J. H. DREVENSTEDT, in *Boston American Stock Keeper*.

Sells all His Stock for Him

"I thought you would like to know the success I have had with my advertising with you. I have entirely sold out of stock, and could have sold hundreds of more birds if I had had them. I receive a good many inquiries from all over the South. I think this speaks well for your paper as an advertising medium, as I have used it almost exclusively."—Thos. S. Allison, Louisville, Ky.

PLANT'S S. C. RHODE ISLAND REDS

Winners at Georgia State Fair, (The Quality Show) Macon, Ga., 1910: First cockerel (class of 25), first hen (class of 17), first pen (class of 12) and second pullet (class of 25.) Largest and best display of Reds, both combs competing. A few choice cockerels for sale at \$5.00, \$10.00 and \$15.00 each. Eggs: \$1.50, \$3.00 and \$5.00 per 15. Satisfaction guaranteed.

R. H. PLANT Box 50, R. F. D. 1 Macon, Ga.

S. C. BUFF ORPINGTONS ONLY

Certified Best in America by Judges and World Breeders :: :: :: :: ::

Won ten Silver Cups, 23 Ribbons, besides Special Club Ribbons, at the great Appalachian Exposition Poultry Show, where I met in competition, originator of breed and Southern Division of National Club Show, my birds winning easily first honors in class. Won first honors in class at great Tennessee State Fair. Special Silver Cup for "Emily," first hen in Show.

Mrs. S. C. Bridgewater, Breeder, Importer and Exporter Dixon Springs, Tenn.

BRISTOL POULTRY ASSOCIATION

Fifth Annual Show

December 14, 15, 16, 17, 1910

Don't forget the **QUALITY SHOW OF THE SOUTH**. Judge Thos. L. Falkner will place awards. This is where the South's greatest birds are shown. More liberal cash prizes than ever before. A win here will be worth something to you. Write for catalogue. Address **R. G. HANSON, JR., Sec'y, Bristol, Tenn.-Va.**

Poultry Exhibit at Appalachian Exposition

The building provided for the poultry exhibit at the Appalachian Exposition at Knoxville, Tenn., Oct. 5-12, was as near perfect as could be asked for; large, airy and well lighted, with plenty of room in the passages for all the visitors.

The cooping was furnished by Spratt's Patent, and all birds were cooped separately.

The management deserves great credit for the way the exhibit was handled. Mr. Auditor, Mr. Jennings and Mr. Vaughan were on duty all through the week and there was no trouble in finding them when they were needed.

The show was held under American Poultry Association rules and in all cases the rules were strictly and impartially applied.

There were about 1,200 birds on exhibition and I understand about 500 entries were refused on account of their being sent in after time for closing. It takes nerve to return \$250 worth of entries in this way, but it is the only way to handle the show business, and if there is a poultry exhibit at Knoxville next year under the same management, there will not likely be any necessity of returning entries as these will be very likely to be made on time.

Two cases of faking were detected by the judges and the offending exhibitors' birds were excluded from competition. This is an evil that has been all too common and the strict application of the American Poultry Association rules in regard to it will do much to correct the evil.

In most cases the competition was close. The largest classes were Orpingtons and Leghorns. In the former there was as fine exhibits as can be seen anywhere. The Judges' Cup for the exhibitor whose birds of one variety showed the highest degree of excellence and greatest uniformity of type and breeding, was won by William Cook & Son, of New Jersey. Mr. Cook is the originator of the Orpingtons, and when we find our Southern breeders winning well in classes in which he was an exhibitor, we know that we are making good progress in poultry breeding.

L. L. Haggin, of Kentucky, and Mrs. S. C. Bridgewater, of Tennessee, were both well up in the winnings, the former in the Whites and the latter in the Buffs.

The specials for best pens from the different States were as follows:

Tennessee, first, Mrs. Bridgewater, North Carolina, first, H. J. Hervey; second, J. P. Swift, South Carolina, first, W. H. Burch; second, W. H. Hendrick, Georgia, first, Dr. W. C. Cleckley; second, Mrs. L. L. Upson, Virginia, first, George H. Moss, Kentucky, first, L. L. Haggin; second, H. Lehman.

The Appalachian Exposition Cup and \$50 in gold, by William Cook & Sons.

The Progressive Farmer and Gazette Cup, by R. S. Guess, Augusta, Ga.

The program for the poultry institute was carried out about as announced for Wednesday and Thursday nights. No institute was held on Friday night as the auditorium was needed for the Roosevelt reception.—J. S. JEFFREY, in *Progressive Farmer*.

Asheville Show Specials

The Asheville Poultry and Pet Stock Association offers the following specials: \$10 for largest display from Western North Carolina; \$5 for second best display; \$10 for largest display from any point outside Western North Carolina; \$5 for second largest display. Chas. Beers, secretary.

The Boston Dry Food Hopper

The Cyphers Incubator Co., Buffalo, N. Y., have recently acquired the exclusive right to manufacture the Boston Food Hoppers, and henceforth these valuable articles will be on sale all over the world by the Cyphers Incubator Co.'s store-keepers and agents.

Pigeons at Tennessee State Fair

The Bantam, Pigeon and Waterfowl classes were pretty well filled. Messrs. Chas. Koch and Henry Lachman, of Cincinnati, both having large varieties of pigeons in the show. The St. Elmo Pigeon Lofts, of Chattanooga, and Ridge Top Farm, Ridge Top, Tenn., exhibits were very classy, but not so numerous.

A Word to Northern Breeders

Did you ever stop to think that THE INDUSTRIOUS HEN is read by more Southern people than any other poultry journal published; that it covers a rich territory as yet undeveloped, a section that is destined to become the leading poultry region in the world in a short while; that Southern poultrymen and farmers everywhere are sending North every day for good utility stock and show specimens? When you realize this fact you will also recognize the fact that THE INDUSTRIOUS HEN is the logical candidate for your Southern advertising.

A New Incubator Factory

We regret that lack of space forbids us showing to our readers a beautiful picture of the new incubator factory of the Buckeye Incubator Co., of Springfield, O. It covers 60,000 square feet of ground space and has a capacity of 100,000 fifty-egg incubators and 50,000 brooders and Portable poultry houses. The Buckeye Co. are now confining themselves exclusively to the manufacture of Buckeye 50 egg incubators, 50 chick brooders and portable poultry houses."

FOR SALE AT ONCE

300 Langshans, 300 Buff Orpingtons, 300 Indian Runner Ducks.

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Up-to-date Hotel

LONG DISTANCE PHONES
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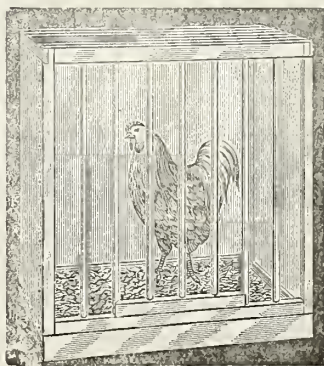
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Rooms with Bath,
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200 S. C. BUFF ORPINGTONS FOR SALE AT \$1 AND \$2

from prize winners. My birds are of a laying strain and pullets well matured and ready to lay now. I have also some yearlings.

JAS. H. WHEELER, Bohon, Ky.



This Folding Coop with 1/4 inch maple rods, painted light blue and with clean-out drawer; size 24x24x30; all complete, \$1.00. Pen size 40 inches long, \$1.70. Shipping Coops, 20c up.

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FOR EXHIBITION, TRAINING and SHIPPING

A large stock of all standard sizes. Made from light, sound lumber. Neat, strong and attractive. We have made Coops and cooped Shows for 20 years. We can supply your wants. Special inducements to Associations on 5-apartment Coops with benches.

Somerset, Pa. Ass'n bought \$300 worth last season—entire satisfaction.

E. Massey, Mystic, Iowa, says everybody thought them the best in the Show.

Consolidated Poultry Yards Co., Canton, Ohio—"We trained, shipped and showed in them; are as good as ever today."

Oconomowoc, Wis. Ass'n—"We have the best cooped Show in Wisconsin."

Varian Poultry Co., Lima, Ohio—"Shipping Coops O. K."

Order samples. They will prove the great value. Quick shipment. Satisfaction guaranteed. Circulars free.

THE GEM INCUBATOR CO. Box 407, Trotwood, Ohio.

My Famous "QUATILITY STRAIN" S. C. WHITE LEGHORNS

Finest laying strain on the South Atlantic coast. Large, strong Southern birds. Fully acclimated. Unexcelled for Southern Egg Farms. Isn't your selection worth a postal or 2-cent stamp? Free catalogue of exhibition and laying strains.

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SALISBURY - - - - - NORTH CAROLINA

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REGISTERED HOLSTEINS

HOLSTEIN BULL CALVES, "bred in silk." Johnson Bible College, Kimberlin Heights, Tenn. 82

ANCONAS

SHEPPARD'S FAMOUS ANCONAS—The World's Best. First at the world's greatest shows. Best egg record any breed. Average 256. Single or Rose Comb. Cecil Sheppard, Box F, Berea, Ohio. 80

ANDALUSIANS.

BLUE ANDALUSIANS—Most wonderfully beautiful; great winter layers; winners everywhere. Hagerstown, Jamestown Exposition, Baltimore, Allentown. V. H. Council, Specialist, Warrenton, Va. 83

THE NATIONAL BLUE ANDALUSIAN.—The bird of beauty for show and egg. Young stock and eggs for sale. Money returned if not as represented. L. Martin, Livermore, Ky. 80

BANTAMS

RARE BARGAINS—Golden and Silver Sebright, Buff and Black Cochins, Rose Comb Black and Black Red Game Bantams. Proper & Son, Schoharie, N. Y. 86

BUCKEYES

BUCKEYES EVENTUALLY. Why delay; beautiful Kentucky cardinal strain. Eugene Cowles, Shelbyville, Ky. 83

CORNISH

WHITE CORNISH chickens—large, pure blood; \$1.50 to \$5.00 each; eggs, \$1.50. M. E. Kennedy, Temple, Ga. 82

CORNISH cockerels and a few pullets cheap. Fine stock. Tully Birdsong, Pulaski, Tenn. 79

COCHINS

BUFF COCHINS—Prize winners at the leading shows for twelve years. Young and old stock for sale. Eggs in season. Satisfaction guaranteed. S. Berger, Specialist, Pleasant Hill, Ohio. 80

LEGHORNS.

WINNERS—Rose Comb White Leghorns. Lew Nelson, R. 3, Britt, Iowa. 85

FOR SALE—Quality S. C. White Leghorns. Four hundred pullets from blue ribbon winners Mrs. Louis Downer, Guthrie, Ky. 78

200 SINGLE COMB Buff and Brown Leghorn pullets, 20 selected cockerels. Several choice specimens in the lot; must sell quick; bargain; will ship on approval. E. S. Landess, Fayetteville, Tenn. 80

REGISTERED HOLSTEINS

HOLSTEIN BULL CALVES, "bred in silk." Johnson Bible College, Kimberlin Heights, Tenn. 82

ORPINGTONS

KELLERSTRASS STRAIN Crystal White Orpingtons—Cockerels for sale; eggs in season; breeders direct from Kellerstrass Farm, E. M. Condra, R. 1, Hill City, Tenn. 82

CRS BOOKED—13 eggs for \$5.00 from fine pen of S. C. White Orpingtons just received from Wm. Cook & Son, 10 guaranteed fertile. Mrs. J. E. Smith, 1785 Yale Ave., Knoxville, Tenn. 78

S. C. WHITE ORPINGTON cockerels for sale. Kellerstrass strain; all grown from first prize stock; no culls. Early hatched, \$1.50 to \$3; late hatched, \$1 each. E. M. Topp, Dupelo, Miss. 78

PIT GAMES

PIT GAMES—The finest I ever raised. Six strains—Derils, Cuans, Shawlnecks, Grays, Pyles, Quills. Send for circular. W. C. Byard, Walnut Hills, Cincinnati, O. 78

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BARRED AND WHITE Plymouth Rocks—March and April hatched; size, shape and color the very best. From my Baltimore, Hagerstown and Washington winners. Money refunded, less transportation, if not satisfactory. George Schrade, Box 61, Sykesville, Md. 79

R. I REDS

ROSE COMB RHODE ISLAND REDS.—Cherry-red strain that wins and lays. Thirty cockerels for sale. Eggs, \$2.00 to \$5.00 per 15. Write your wants. Satisfaction guaranteed. Mrs. H. R. Nusz, Cecilian, Ky. 89

WYANDOTTES

FINE BUFF WYANDOTTES to exchange for White Orpingtons or Wyandottes. J. M. Workman, Durham, N. C. 81

GOLDEN WYANDOTTES—My birds are fine winter layers and have the qualities to win in the snow room. I am raised stock for sale; eggs in season. J. R. Orr, Lewisburg, Tenn. 79

SEVERAL VARIETIES

BLUE ANDALUSIAN and White Face Black Spanish. Tennessee State Fair winners 1908. Eggs 15 for \$1.00; 30 eggs for \$3.00. A. N. Brown, Woodbury, Tenn. 79

S. C. ORPINGTONS and Leghorns—White, Buff and Black. Yearling hens and breeders, 80 cents to \$1.50, to make room for young stock. J. J. W. Mays, Lynchburg, Va. 78

BUTTERCUP and WHITE WYANDOTTES cockerels. Pullets all sold. Have extra good quality to offer this season. J. D. Saner, R. 7, Box 99, Paducah, Ky. 81

EGGS from pure bred Blank Langshans, White Leghorns, Black Minorcas, White Plymouth Rocks, Columbian Wyandottes, Brown Leghorns, White Orpingtons. Black and White Bantams for sale. Orders booked for January shipment. Write for prices. Resthaven Yards, Box 216, Gainesville, Ga. 78

EGGS FROM OUR PRIZE WINNERS—bred-to-lay stock. Barred Rock, White Leghorn, Rhode Island Red and Indian Runner Duck eggs, \$3.00 for 15; \$5.00 for 30 shipped on short notice. We breed the birds that lay; start right. Belmont Farm, Smyrna, Ga. 83

DUCKS

INDIAN RUNNER DUCKS—Cook's strain. Layers, \$5.50 pair; \$8.00 trio; eggs, \$2.00 for 13. Fish River Poultry Yards, Magnolia Springs, Ala. 83

GEESE

GEESE—Emden, Toulouse, White and Brown China, \$3.00 each; Wild and African, \$6.00 each; Indian Runner ducks, \$1.50 each, pure Fawn and White, \$1.50 each, and up to standard requirements; Rouen, Pekin, Muscovie, Crested Gray and White Call ducks; also Bronze and White turkeys, pheasants and peafowls. Dawson Bros., Franksville, Wis. 78

GUINEA PIGS

FOR SALE—English Guinea pigs, \$1.00 per pair. Waterbury, Watertown, Tenn. 80

PIGEONS

90 CENTS PAIR—Mated Homers, largest, best breeders, safe delivery. Fancy pigeons, peafowl \$12.00 pair. Method raising extra heavy squabs, 10 cents. Ford Sudow, Poughkeepsie, N. Y. 83

SWISS MONDAINES, Carneau and Crosses. Get my prices before buying. Satisfaction or money back Sidney Johnson, Boynton, Va. 78

TURKEYS

FOR SALE—Mammoth Bronze Turkeys and Toulouse Geese. Mrs. J. H. Odom, R. 1, Niota, Tenn. 80

MISCELLANEOUS

WANTED—One or two second hand Cypher's Incubators. State price, capacity and year made. O. B. Van Wyck, Anderson, S. C. 78

FOR SALE—75 pounds 8 point quads (3 em, 2 em, 1 em and en). Hardy used, good as new. Will sell at half price. S. B. Newman & Co., Knoxville Tenn. 84

50 VISITING CARDS 28 cents, 1000 tags, \$1.75; 1,000 envelopes, \$1.90; 1,000 letterheads, \$2.25. Illustrations free. Agents wanted. Fred G. Sotter, Douglassville, Penn. 79

POULTRY PRINTING—Quality kind. 100 either envelopes, noteheads, postcards, tags, labels, cards, 45c; 250, 80c; 500, \$1.25; 1,000, \$2.00; postpaid. Finest engravings. Stamp brings samples. Model Printing Co., Manchester, Iowa. 83

\$4.00 A POUND—the market price for pheasants, easily raised. Investigate. Best, practical book on pheasants, poultry, rabbits, pigeons, phoenixfowl, swans, peafowl, etc., colored plates, colored cover, beautifully illustrated, how to make 1,000 off 200 ens yearly, 75 cents copy. Not satisfied, money refunded less postage. N. Wicks, Poughkeepsie, N. Y. 83

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FOR SALE—We have two \$50.00 scholarships in Draughon's Practical Business College that we will sell cheap for cash. These scholarships are each good for a full course of bookkeeping or shorthand and typewriting. If you contemplate taking a business course, we can save you money. Address THE INDUSTRIOUS HEN, Knoxville, Tenn. 84

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Barred Plymouth Rocks
Mrs. Ora M. Huie, R. 5, Newbern, Tenn.



I Tell You How

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

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


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

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

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

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

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

See what others say on opposite page. 

Send \$1.00—and a Copy of the Latest Revised Edition of the Book Will be Sent You by Return Mail.

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NOTE—Ask the editor of this Poultry Journal or any "licensed" poultry judge as to my reputation as a breeder.

"I Made \$18,178.53 NET PROFIT

In One Year, Selling Chickens & Eggs"

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

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

My New Poultry Book Tells How I Did It.

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



Try my way and you can raise them by the thousands

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





"KELLERSTRASS WAY"

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

L. R. HAYWARD.
Clinton, Ia.

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

H. O. HEINSEN.
Albany, N. Y.

Ernest Kellerstrass.
Dear Sir:—I received your book. Comparatively speaking, it is WORTH MORE MONEY.
Very truly yours,

GEO. W. CAMPBELL.
The American White Orpington Club,
Richmond, Va.

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

F. S. BULLINGTON.
Hurst Pierrepont,
Garrison-on-Hudson, N. Y.

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

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

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

Sincerely yours,
M. BECKWITH.
Winchester, Kans.

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

CHAS. FORSYTHE.
Buffalo, N. Y.

Mr. E. Kellerstrass,
Kansas City, Mo.
Dear Sir:—Received your book all right. Am well pleased with book; best dollar's worth I have ever received.
Yours truly,

CHAS. P. GOETZ.
Adah, Pa.

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

H. M. GROVER.
Irvington, N. J.

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

JOHN SELFELDER.
Elyria, Ohio.

Kellerstrass Farm,
Ernest Kellerstrass, Prop.,
Kansas City, Mo.
Dear Sir:—I was very much interested in your book, as I believe that it gets closer to nature than any other book that I have seen, and am much interested in your Crystal White Orpingtons.
Yours very truly,

H. H. CLOUGH.

Mr. Ernest Kellerstrass,
Kansas City, Mo.
Augusta, Ga.
Dear Sir:—Yours of a recent date to hand, also your book of "Kellerstrass Way of Raising Poultry," which I appreciate very much. I must say I think more of it than all the other books I have ever received.
Thanking you again for the book you sent me, and assuring you that I am and will from now on follow your way and no other,
Yours truly,

G. K. JOHNSON.
Hot Springs, Ark.

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

Thanking you again, I am,
Respectfully yours,
R. S. TONEY.

Received book all right. It suits me fine. Is worth its money in any man's country. Yours as ever,
J. T. ROBINSON.
Oklahoma City, Okla.

Mr. Ernest Kellerstrass,
Kansas City, Mo.
Dear Sir:—Your late poultry book received, and I have received very much valuable information therefrom. I believe I can now begin the poultry business intelligently and successfully.
Very respectfully,
T. W. SHACKELFORD.
Jennings, Kans.

Ernest Kellerstrass.
Dear Sir:—Enclosed please find \$1.00 for your book, "My New Poultry Book." Your ad. was sent me by one who has your book and thinks it is a grand book.
MRS. C. H. DANLEY.
Calgary, Alta, Can.

To Kellerstrass Poultry Farm,
Kansas City, Mo.
Dear Sir:—Received your book O. K., for which I thank you for the quick reply, and having read it through, may say that in my estimation the book is worth its weight in gold to anyone who has or takes interest in poultry.
Yours truly,
B. DICKINSON.
Victoria, B. C.

Mr. Ernest Kellerstrass,
Kansas City, Mo.
Dear Sir:—Received your poultry book and enjoyed reading it. I like that kind of language you talk. Your book cheers me up, and I have decided now to go into the poultry business.
Yours truly,
WM. COLLEN.
Asbury, Mo.

Mr. Ernest Kellerstrass,
Kansas City, Mo.
Dear Sir:—I like the book fine, and would not part with some of the information for many times the price of book.
Very truly yours,
C. J. RHOADS.
Birmingham, Ala.

Mr. Ernest Kellerstrass,
Kansas City, Mo.
Sir:—Have just received your book—found it very interesting. Am sure it will be of much help to me. Don't see how I could do without it.
Yours truly,
J. W. GILLESPIE.
Brandon, Manitoba.

Mr. Ernest Kellerstrass.
Dear Sir:—I received your book, and think it far ahead of all others. Everything so plain and to the point.
I remain,
S. E. WOODLEY.
Chicago, Ill.

Mr. Ernest Kellerstrass.
Dear Sir:—I have your late book on your way of raising poultry, and have been reading it. Am very much taken with your way—am proud of my book.
W. PICKENS.
New York City.

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

ROSE LAWN POULTRY FARM

Barred Plymouth Rocks
of the Royal Blue Strain

Two hundred cockerels for sale, from \$1.50 to \$5 each. Eggs \$1.50 per setting. \$5 per hundred.
L. B. HOWERY, : Russellville, Tenn.

S. C. BUFF LEGHORNS

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ROBERT P. ADAMS
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WHITE WYANDOTTES**

THE WINNING KIND

At Alabama State Fair, B'ham, 1910, I won 1st cock; 1st, 2d, 3d hen; 2d and 3d ckl.; 2d, 3d, 4th, 5th pullet. My Mammoth Pekin Ducks also won a major portion of the prizes.

OLIVER RUTHERFORD, Box 77, Eutaw, Ala.

**GOLDEN WYANDOTTES
(EXCLUSIVELY)**

If you want something good, you want to go to a specialist. I breed only Golden; hence they get all my time, and are better for it. Write

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Langshans. White Orpingtons. Pekin and Indian Runner ducks. Finest stock. Young and old show and utility birds for sale. Satisfaction guaranteed.

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Breeding stock, young and old, from three pens of handsome individuals of the very best strains of M. B. Turkeys; also a number of fine B. P. R. cockerels. Ducks all sold. Eggs from all in season.

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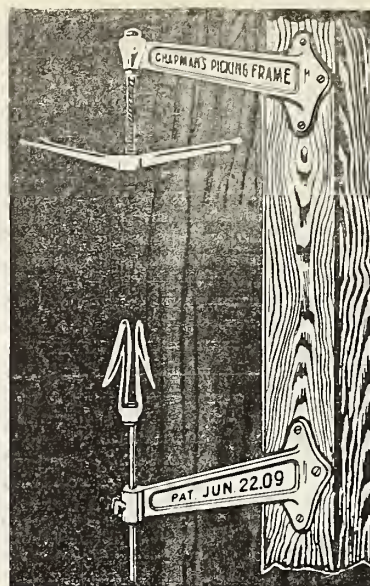
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