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MAY, 1912

KIGER'S POULTRY JOURNAL

AND COLLECTOR'S WORLD

25 CENTS
A YEAR



KIGER'S POULTRY JOURNAL

ORVIL L. KIGER, Publisher

BRIGHTON, IOWA

U. S. A.

KIGER'S POULTRY JOURNAL

AND COLLECTOR'S WORLD

Orvil Kiger - - - - - Publisher

Regular Contributors

- Judge Joseph Dagle Iowa
- E. B. Templer New York
- H. S. Powell Iowa
- Geo. J. Remsburg Kansas
- Preston Polhemus Indiana
- Jas. Carton England
- Elmer F. Haag Illinois
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For a limited time we will send Kiger's Poultry Journal to your address for 1 year and include a 20 word ad, all for 25 cents. Additional words 1 cent each.



Questions and Answers

By Joseph Dagle, Poultry Judge and Expert Breeder, Richland, Iowa. All communications intended for this department should be addressed to Joseph Dagle, Richland, Iowa.



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IN PLAIN ENGLISH FOR BEGINNERS AND WIDE AWAKE FANCIERS AND COLLECTORS

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By ELMER F. HAAG

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To properly open up and develop this immense industrial enterprise requires careful exploitation, and here is where the poultry editor and his staff of contributors play their important part. They dig the raw material from the earth, by actual experience, and either profit thereby or sacrifice their time and money by trying it out, and finally pass it along to their readers as a polished article to better enable them to master this difficult though none the less interesting as well as profitable stock, a real laboratory of scientific research and industrial development, as were.

It is true that there are a great many journals before the poultry public, but not too many, and only one "Kiger's" for the practical poultryman, no poultry fancier, no poultry enthusiast, should be without one or more poultry papers. And whenever there are two, one of them invariably be "Kiger's".

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It is the Editor's intention to make this publication so different from the ordinary poultry journal, so useful in fact, that no fancier whether a beginner or an old veteran can do without it. Surely there is nothing cheap about it but the price. Advertisers should carefully weigh these facts in placing their season's advertising, since the class of people "Kiger's Poultry Journal" will reach makes this publication the foremost advertising medium for the wideawake poultryman. Likewise those who are in the market for stock, supplies and accessories may rest assured that the country's foremost are to be found in its columns.

Special care will be exercised to carefully avoid theoretical articles which find so much space in most of the journals, and only useful, practical and instructive material will be utilized.

The first number is always accompanied with more or less hustle and

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bustle. A new pair of shoes usually have to be broken in before they give the wearer any degree of comfort, likewise a new piece of machinery has to be run for some little time to smoothen its bearings, but with the best of material, the best of intentions and the best of spirits, nothing but success stares the infant journal in the face.

Throughout the year the writer will contribute various articles on practical poultry keeping, including all branches from feeding breeding hens to get strong fertile eggs, artificial incubating, brooding down to marketing, also on mating, the moulting season, etc., each at the appropriate time, all gained by actual experience, also on various other interesting topics that come up from time to time, or as they are gained by experiment on his own plant. If others may profit by his experience his wish will have been gratified.

Books are full of theories. The incubator manufacturer's directions are plain and simple, and if followed close-

Norwood Park, Chicago.

The Poultryman's Spring Work.

By LYNN C. TOWNSEND

The almanac proclaims that spring is at hand, and while we may not agree with it, nevertheless the average poultryman is now starting in on his busiest time. Now is the time when everything comes with a rush, and SYSTEM is the only word that will help us out. Unless we use system in our work, we will never get anywhere.

Incubating is a difficult problem just at present, and commands a lot of care and attention. The average beginner

ly will give good results, providing all the conditions are just right, but it is to get all the conditions just right that you search the columns of the poultry journal, and in this the writer will lend his best efforts to help you. If everything were all right your machine would give you a good hatch, but if you are feeding too much or too little, not a great enough of a variety, or an unbalanced ration, or doing something you should not do, or not doing something you should do, the result is all wrong.

Perhaps you have been fairly successful getting out your chicks but have had difficulty raising them; you may even be able to raise them, but cannot get them to lay. All these problems you have to deal with and either learn by actual experience or profit by the experience of others. The latter is of course the cheaper and by far the quickest way to success.

You will find all these problems thoroughly threshed out in this journal. Subscribe for it and stay with it, and profit thereby.

makes a very bad mistake by opening the doors of the incubator to help out weak chicks. Never do this, for it doesn't pay in the end. Follow the rules sent with your machine carefully, and you will usually have no trouble. You cannot run one make of incubator by the rules of another, and have a successful hatch. Study your rules carefully, for the progress you make now will tell later on.

While this is a very busy season, yet you should take time to see that your

brooders are in perfect condition. It makes no difference how many chicks you hatch, it will be time and money wasted unless you brood them properly. At least two weeks before the hatch is due, give your brooders a thorough airing, and use plenty of disinfectant in them. Kerosene Oil and plenty of sunlight make a combination that is hard to equal for killing germs. It will be time well invested to cleanse your brooders as thoroughly as possible.

As the spring months bring house-cleaning for the "lady of the house", so it brings henhouse-cleaning for the poultryman. The interior appliances of the poultry houses should always be portable, so that they may be removed twice a year, and the house given a thorough cleaning. Before removing them however, it is advisable to turn the hens out and then close all doors and windows tightly. Then place some sulphur in an iron dish and fumigate the house. The strong fumes will kill the lice and mites, and put your house in a sanitary condition.

The roosts and nests should all be dusted with a good louse powder. A good louse killer can be made cheaply at home by this method; Crude Carbolic Acid, $\frac{1}{2}$ pint, Gasoline $1\frac{1}{2}$ pints, Plaster Paris 5 pounds. Mix this well and sift upon a newspaper. Allow this to stand in the sun for about two hours, and then seal in a tight jar, to be used as needed. Do not place near

a stove. A good perch disinfectant can be made by thoroughly mixing together 1 part of Crude Carbolic Acid to 3 parts of Kerosine Oil.

Whitewash is invaluable to the poultryman, and the interior of the houses and colony houses should be painted with this. Now is a good time to use rainy days in the workshop. By building your brood coops and colony coops now, there will be no hurrying when the hatches come off. Cleanliness is the successful poultryman's slogan, wherever you find a successful poultryman, you will find his houses and yards as sanitary as possible.

When the warm spring weather comes on, plow up the yards and runs, sowing them to rape or oats. Your birds will thrive much better, and in addition, the soil in the yards will be greatly benefited. It is a good thing to plan these things now, and get everything in readiness, for when the spring planting commences, the farmer-poultryman will have little time for anything else.

Make the most of the sunny days by cleaning up everywhere. After the long hard winter, the houses and yards are sure to need a thorough cleaning, so therefore do it now. Procrastination never pays in the poultry business any more than in any other business, and if you would be successful, get this necessary spring work done as quickly as possible.

Weedsport, N. Y.

Culling

By MRS. B. F. WILCOXON

An up-to-date poultryman keeps culling all the time. Why keep the non-layers? Why keep hens that only lay a few eggs during the year? It is

money in your pocket to cull out the poor and non-layers from your flock and breed only from the good layers. Why not make it a rule to not allow

this season to pass without making a thorough culling. I venture to say that 90 per cent of the farmers who are raising poultry for eggs do not know how many eggs his hens are laying in the year. He does not know which hen is laying 50 or which hen is producing 150 in a year and yet he continues to breed from the whole flock, a mistake too often made. If some attention was paid to the flock he would soon note the birds that are his best layers. If he would then breed from his best layers he would soon have a laying strain. Successful poultryman are sharp as detectives, it takes close observation and tact.

The egg producing hen is the active hen, she is ever on the alert for food. She is the first off the nest in the morning and the last one on at night. I have watched birds that were out searching for food long after the majority had gone to roost. Laying hens must be kept busy nearly all day, (if they are confined) by being made to scratch for their food. Invariably the layer can be noted by the brightness of the face and the red comb. These are the birds

from which to breed.

It seems strange to many to read of the hens that lay 200 or more eggs per year, but it is an average that can be obtained by any one if they will work.

It takes plenty of hard work, planning, to make any amount of money on poultry, just as it does with any other line of stock, and if it is conducted along business, any one can make a profit on his hens. Many make the mistake of increasing their flocks too much, a man has fifty hens and they do so well that he thinks that 400 will do eight times as well, while 50 hens may be ideal, the 400 are not.

He does well with 50 hens, because he knows the individual hen, he very nearly knows which one is laying and which one is not, if they are watched carefully. There are many non-layers in a large flock. I believe 400 would do as well as 50 hens, if they have the same conditions as the fifty hens. A poultryman ought to know his best hens the same as the dairyman knows his best cows. I venture to say that half the hens kept on the farm in the winter time do not pay for their feed, because they will not lay.

Hillsdale, Wyo.

Growing the Young Chicks

By PRESTON POLHEMUS

We are coming to the time of the year when we will be wrestling with the problem of growing our young chicks. Much has been written on this point. Some giving one plan and some another, and perhaps some plans work better in some localities than in others but there are a few things that should be kept in mind under all conditions.

We must not forget that the young chick is a delicate organism and in constant need of protection. At this sea-

son of the year it must be protected from the wet and cold. The chick that stands around with that peculiar chirp always uttered when warmth is needed will not do its best unless the needed warmth is supplied. It may be covered with a cloth and left to warm up by its own heat or placed with others where their combined heat will give the desired warmth, or it may be placed under the hen or in fact anywhere, just so it will get the needed warmth.

When thus protected the chirp will give way to a cheerful peep which is its expression of thanks for the kindness. Protect yours chicks from the cold but do not over heat for that is also bad.

Protect them from the wet. Do not allow them to go out in the wet grass. The cold dew of the morning is not conducive to development. Furnish them with a shelter into which they may hurry when the first drops of the shower begin to fall. A chick drenched with a cold rain will be retarded in its growth if not killed outright.

Again protect them in their eating. Feed nothing but clean, wholesome food and feed it dry. Wet mashers are not good for young chicks. It is claimed by some that they should not be fed until 48 to 72 hours old, but the constant picking around of the little fellows indicated that nature designed that they should have something to eat early in their career. A small amount of dry bread crumbs moistened with sweet milk makes a good first food. Hard-boiled eggs with enough wheat bran or dry bread crumbs mixed in to take up the moisture is also very acceptable and nourishing. A

Osceola, Indiana.

little food of the right kind will do good but take care that none is left over to become foul or sour and eaten in this condition. Fresh clean water and grit should be given early also at least when 24 hours old. Only take care that they do not get too much. Protect them at this point.

All of the care taken at the points mentioned above will be of little use if they are not protected from the lice. Take nothing for granted here. Know they are free from lice, then watch carefully on the head and neck for the first louse that may appear. No chick can do well when its life is being sucked from it by even a few lice. A liberal use of louse powder on the hatching hen and a little lard or vaseline on the head of each chick ought to keep them away. However, the louse is a persistent fellow and must be fought persistently if you would win against him.

In closing let me repeat. The newly hatched chick is a delicate organism protect it at every point of need and in a few days it will become hardy and able to get on in the world without so much care. But the rule of protection is a good one all along the line.

Baby Chicks and Their Care

By MRS. L. H. PADELLFORD

One of the most important subjects just now is that of caring for baby chicks, and there is no work I enjoy more and the little downey creatures seem to know I am interested in their welfare from the first. When hatched under hens, I always powder the hen a couple days previous to the hatch, also the nest, thereby destroying any signs of vermin that may be lurking in the plumage of the hen and after she com-

mences to hatch remove the chicks to a basket lined with flannel and a nice warm flannel to cover them with. This I do to prevent the hen from tramping them to death for in giving the hen her own way, I have often went to the nest after giving her time to finish the hatch and found several chicks tramped to death. While I was raising mongrels I did not think so much about it, but after I commenced raising

thoroughbreds, often paying \$20.00 per setting, I felt I must save every chick possible, consequently watched them very closely removing them as soon as hatched and if the hen seemed nervous I sometimes remove the eggs that were pipped almost around to the basket with the newly hatched chicks, the heat of them would bring them out without danger of being tramped to death before they were dry, for a hen seldom tramps her chicks after they are dry. I have put in many nights watching hens that were hatching choice eggs, bringing out every chick in fine shape and felt well paid for the trouble.

If the hen seemed good and motherly I would give her the chicks to raise placing her in a cracker box and putting it in a brooder coop the 3x6 size 52 in height, one end of the coop has a floor, the other end the dirt is kept well spaded also a quantity of sand making it an ideal place for both hen and chicks to scratch and wallow in, but I kept the hen confined to the box for one week giving the chicks time to gain strength. I remove the hen once a day and feed her whole corn, the rest of the time she must be satisfied with baby chick food. I do not feed the chicks till they are two days old, giving them for their first feed and for a week afterwards, finely rolled bread crumbs, hard boiled eggs and a little sand and charcoal all mixed together. After they are 3 days old I sprinkle a little chick food in their litter which is finely cut clover and I keep a dish of wheat bran by them from the first and plenty fresh water in a little trough hung near the bottom of the coop.

I never coax a chick to eat as they will find all food if properly placed when hungry and I have no trouble with my chicks having the bowel

trouble, for the bran and charcoal are both preventatives, and if kept by them at all times you will have no need of the so called chick remedies for an ounce of preventative is worth a pound of cure.

After they are two weeks old I feed other grains, whole wheat and kaffir corn, with this feed raked in their litter, and 3 weeks I commence feeding cracked corn for their night food. At 4 weeks for their noon feed I give them mash made of 1 part ground oats, 1 part ground corn, 2 parts bran, 4 parts cut clover. This I scald with boiling water enough to make it crumbly, letting it stand 2 hours before feeding.

I never feed my chicks more than 3 times a day, as I change one food I drop another. After they are three weeks old I feed sprouted oats in the morning for a relish. Besides this grain which is raked in their litter and twice a week I give them some fresh lean meat cut in little bits giving each chick 3 or 4 pieces, this they relish wonderfully.

My chicks weigh from 2 to 2½ lbs at eight weeks but of course I work with this in view and always keep them in the best shape, their coops are thoroughly cleaned each week and more often if needed. Their water troughs are washed each time I fill them, 3 times a day. Their hover are cleaned and aired every other day, if they have no mother. If there is a hen with them I powder her every week to prevent vermin, and if a hover is used I sprinkle powder and air-slacked lime twice a week on the cloth that lays on their backs, the one used to prevent lice the other to keep them from catching cold. We have not had one case of cold this winter, because we have used plenty of lime in the coops on the floor under the litter.

If these instructions are carefully

followed there will be no need of any chick remedies and you will have strong healthy chicks and they will mature very rapidly, that is if they have been incubated properly and from good strong parentage.

My fowls at this season of the year are at their very best as I save only the early hatched for breeders, the later ones I use for market eggs, until they are fully matured and laying fine large eggs. In this way I always have strong chicks to commence with and they grow with leaps and bounds and at eight weeks I separate them, culling very closely, only retaining those who show every sign of making the finest birds. I retain the early pullets for a time regardless to quality, to lay markets eggs, and if I have calls for layers sell them cheaply, but under no consideration do I keep a cockerel unless he shows himself to be what he ought to be, for at the high rate of food it don't pay, for I can sell them for more at 3 lbs than I ask for them when fully matured. Consequently they must prove themselves by eight or ten weeks or go to the market. By this culling process we only keep and feed what we really want and unless we can get a reasonable good price, keep them over till spring when there is no trouble of disposing of them at fair prices and they have paid for their keep with a nice profit during the winter.

Nevada, Iowa

Notes

By MRS. B. F. WILCOXON

There are leaks in the poultry business. If a poultry plant has been started and it has been found out that it is not paying, there is a leak -some where. It may be with the hens or the person in charge. The plant must

be started with good foundation stock that has plenty of vigor and are egg producers. Many fail in business because they are unable to find the leaks. A drone in the poultry yard does not pay and they cut down the profit of the workers. It does not matter how good the stock may be if the person in charge is a poor business manager, the proposition will be a losing one. The business of poultry raising cannot develop as it should unless the owner himself develops. Always the man must be greater than his business. Ignorance levys a heavy tax upon the poultryman. The principal thing is to study out the location and the market; then raise something in the poultry line that we can sell at a profit. Something that will keep past the time of glutted market and that will command a living price after the market recovers, if we manage right we can control the market. We can overcome the time when prices drop. Every one thinks that they must put their produce on the market at Thanksgiving time when prices seem to be the lowest. This can be avoided. "We must think, think, think."

Hillsdale Wyo.

Turkeys

By EDNA STITT

If we turkey fanciers could induce the farmer to believe what a nice lot of spending money he could bring in about Thanksgiving or Christmas from the sale of a flock of turkeys, and also know the amount of injurious insects this flock had devoured during the summer, we would flourish better financially and to be sure the farmers wife would be pleased. I say wife for 'tis usually the wife that has charge of the turkeys.

I even know of some farmers who

Dagle's Poultry Department

By JUDGE JOSEPH DAGLE, Richland, Iowa

Suggestions Prompted by Actual Experiences.

We have just closed a very pleasant and successful season with our poultry, as well as with our judging work.

We have not only judged and visited many grand exhibits of poultry in the poultry show room, but we have visited many farms where fancy poultry is raised and there never was a time in all our many years in the business where the prospects for the poultry breeder was better than it is now.

Away back twenty and twenty-five years ago when we were a boy, it was common talk among poultrymen, that the business would be overdone in a few years. We have noted a steady growth in the poultry industry during all this time, and yet it is far from being overdone today.

If you doubt this statement just write to a number of breeders in different parts of the country, asking for prices on a first class pen of birds. With few exceptions the answers will be to the effect that all stock has been sold earlier in the season.

Raise good ones and let the public know that you have them for sale and you will sell every good one that you raise.

Hatching Season

The hatching season is at hand and of course you are going about it to raise more and better birds than you did last season. The hatch all over the country last season was far below the average for the past few years.

The incubator operators was especially disappointed, but that fact is not sufficient cause to warrant going out of business. Bear in mind the while, that the past summer and this winter have been out of the ordinary too. We have several reports from different parts of the country of January and February hatches, and all report a fair hatch and chicks doing fine.

The seasons hatch will be late as a rule

on account of the late spring, but bear in mind that the April and May and even June hatched are better in color than the earlier hatched ones as a rule.

So if you have intended ordering eggs for hatching this spring and have put it off till now, just go right ahead with the hatching, and once the chick is out of the shell keep it free from lice and feed it well and have a nice place ready for it when cold weather comes next fall and rest assured that some one will call for it before next spring.

The greatest mistake that can be made is to let the chicks drag along. You must keep the lice off and the chick growing every minute, better raise one good one than a dozen ordinary ones, there is more real profit in it. About three weeks ago I was out and scored a lot of White Plymouth Rock cockerels that were hatched last June, big fine fellows and as white as snow. I spoke with the owner a few days ago and she told me that the cockerels were nearly all sold and that the price received was in advance of December prices. The birds were all sold for fancy breeders. Don't hesitate, but go right on hatching through May and well up into June. Furnish shade and fresh water, plenty of good feed and don't forget to Keep The Lice Down.

By the way, have you cleaned your hen houses this spring?

let their girls raise all the turkeys they can and have all they can make.

This is one of the many good ways of keeping children on the farm.

The M. Bronze is my preference for beauty and also size. We surely all admire a flock of Bronzes with their nice glossy plumage.

My allotted space is filled though much more might be said.

Pekin Ind.

If not try this: After cleaning the house thoroughly with hoe, shovel and broom, make a mixture by slacking fifteen pounds of fresh lime in twenty gallons of warm water, strain through cheese cloth, and add enough salt so that an egg will float, apply this mixture to the interior of the poultry houses and coops with a spray pump, get the mixture into all of the cracks and crevices.

Keep the fowls out of the home for a day or so or till dry, and dollars to doughnuts you won't be troubled with mites for six months.

Little chicks hatched or brooded by hens are always troubled more or less by the large grey head lice. We use a mixture prepared by melting a tablespoonful of lard and adding a teaspoonful of good insect powder, apply to head and neck of chick with thumb and finger, keeping the mixture warm the while. If you will apply this mixture once each week for three weeks all danger from loss by head lice will be passed.

When chicks are troubled with wing lice or the red body lice, we use a glove made of woolen goods, (an old bed blanket will do,) put the insect powder into a small box or bucket, hold the chick in the ungloved hand, dip the gloved hand into the powder and rub the down or feathers the wrong way, on back, winghows, under wings and underpart of body and around vent, what powder clings to the wool will be sufficient to powder one or more chicks. After you get onto the method you can powder one hundred chicks in an hour easily.

Hens used for hatching should be powdered when set and again three days before hatching time. Powder that contains quick lime or plaster of Paris should not be used.

Bear this in mind that lice kill more chicks than all other causes combined, and again you can't grow a fine plumage and lice on the same fowl. Examine your fowls for vent lice if your eggs are not hatching well. If the fowls have vent lice you will find bunches of lice eggs at the base of the feathers around the under side of vent, the lice eggs are gray in color and will be found in clusters, sometimes these clusters are as large as a bean.

Saturate the feathers around the vent

with a mixture of lard and insect powder once each week for three week and lice eggs and all will disappear. It is a fact that you can't get a very large per cent of fertile eggs in the fowls are infected with vent lice.

God Said Work

So many people approach us every year, saying, that they have worked for fifteen years or for twenty years for so and so, and that they are getting tired of hard work, and that they are looking for something to do for a livelihood that does not require work, and that they have been thinking of going into the poultry business, and what do I think about it? In answer to this let me say, that away back yonder at the gates of the garden of Eden, when God pointed his finger at man and said, you have sinned, the wages of sin is death, and in addition to this and on account of your sins, all the days of your life you shall earn your bread by the sweat of your brow.

When god passed that declaration, he did not point his finger alone at the man who must hold the handles of the plow in the field all day, nor did he point alone to the one who must work at the forge all day, nor did he point alone to the man who must dig in the ditch all day. Oh, no, when God passed that declaration, he was pointing to the crowd and the poultry-man was in the bunch too.

Show me a man who has made a success of the poultry business, and I can show you a man who has worked for his success. On the other hand, the man is making a success of the poultry business, is healthy and happy as a rule, and has a healthy and happy family as a rule.

Judge Lamberts said to me once, "Show me a man that really loves chickens and I can show you a man that is not very bad in the region of the heart. But there is one great advantage that you will always have if you are making a success on your own poultry and fruit farm, that is that you can slip under your own vine and fig tree when the sun gets to bearing down to hard and no one can say you nay. If on your own poultry and fruit farm you are sure of a living whether the "shaps" run or not and if you should be sick for a time, the hens go right on laying just the same. You can interest the children with the chickens, when in no other way.

Two or More Varieties

When two or more varieties are raised on the same farm and all run together when chicks, they must be separated before any are old enough to breed, because if allowed to mate one variety with another, even though they may be separated many weeks before eggs are used for hatching, there will be off colored feathers cropping out here and there among the chicks, which shows signs of the cross blood. We saw this tried out to our entire satisfaction this past season where a brood of White Orpingtons and a brood of Black Langshans were allowed to run together from chickhood till they were matured, and not withstanding the fact that they were separated for seven weeks before any of their eggs were used for hatching, the chicks showed more or less off colored feathers, in fact the White Orpingtons chicks had feathers on their legs and several had hazel eyes, these taken from the Langshans.

Green Food for Fowls Next Winter.

By all means you should leave a space in the garden for mangel beets this spring. These beets make the best of green food for the fowls in winter.

We have tried cabbage in this part of the country and while cabbage makes good green food in winter, yet it is a hard task to keep it through the winter months, on the other hand the mangel beets can be kept in the cellar or cave just the same as potatoes. We place them in a trough in the hen house in winter for the fowls to pick at.

If you want eggs next winter try a few mangels. They are cheap feed for all kinds of stock.

Questions and Answers

F. O. D., Lucern, Mo., asks:

Are cement floors better than wood floors in hen houses?

Ans.—Yes, cement is better than wood but a good dirt floor is better than either. Fill in so that the level of dirt in house is a few inches higher than the ground outside, then the dirt will always be dry.

Miss H. B., Fairfield, Iowa, asks:

Is there an association of Duck and Geese Breeders, and who is secretary?

Ans.—Yes. Write Mrs. W. P. Harlow, Pleasant Valley, New York, secretary of Water Fowl Club of America.

F. B., Grinnell, Iowa, asks several questions.

1. Can I raise fancy fowls on a plat of ground 40x120 feet and make a profit on them?

2. What breed or variety would you advise me to take up.

3. Should I use an incubator or should I hatch with hens?

Ans.—1. Yes, if properly handed, don't try to raise to many on that size tract, seventy five to one hundred would be about right, divide the lot in two for the first year and give the chicks access to a part at a time, this will give vegetation a chance and the lot can be kept in a more sanitary condition.

2. This is a deep question, I could come just as near telling what color you like best. Select the breed or variety you like best, procure extra good stock or eggs, raise good ones exhibit at some of the good show; advertise your winnings and no matter what breed or variety you have, they will sell.

3. I should, but don't depend to much on an incubator till you know that it is all right. Incubators have individualities the same as men do, a one hundred and forty or fifty egg size would be about right, buy on trial.

4. I should buy eggs at this season of the year, as you can gain time that way and most good breeding stock is sold at this time of the year, buy eggs from nothing but the best stock, this does not necessarily mean the highest priced eggs.



If you are in the poultry business for what there is in it don't loose sight of the large hen. For if she is of a laying strain she will lay just as many eggs as her little sister and bring as much again on the market after she has served her time as a layer. Try placing about six of them in a pen and take good care of them, and watch the results.—Mrs. L. H. P.



Stamps, Coins and Curios

Articles Original and Otherwise

Edited by H. S. POWELL



The Editor of this Department will be glad to answer any questions relating to Stamp or Coin collecting. If personal reply is desired, stamped addressed envelope must always be enclosed; other queries will be answered, so far as possible, in this department. Address all correspondence relating to this department to H. S. Powell, Box 900, Storm Lake, Iowa.

IMPORTANT NOTICE!

Any reader of Kiger's Poultry Journal sending Mr. H. S. Powell, Box 900, Storm Lake, Iowa, 5¢ in stamps to pay postage, will receive a package of U. S. and Foreign stamps, which will make a fine start of a stamp collection.

Information Worth Reading.

Premiums, Presents, Special Inducements, Etc.

The new collector has many things to learn about buying stamps, and the methods of different stamp dealers.

Our observations are made for the good of all. Dealers as well as collectors, will be benefited by a frank consideration of the relation of dealer and collector.

If a collector has secured a choice selection of stamps on approval that he wants for his collection at 10, 25 or 50 per cent discount from a first-class dealer, he should buy what he wants and return the balance promptly with a remittance for what he keeps and a statement of account that may be verified. Do not make the mistake of haggling about prices, asking for premiums, special concessions, etc., such as the cheap class of dealers offer in order to sell their rubbish to inexperienced boys.

A collector loses caste and character as soon as he shows familiarity with such methods. Do not make the mistake of obtruding your cheap inclinations, if you have them, but go at once and deal with the class that offers such attractions.

We can tell you this impersonally, for your own good, for the dealer you disgust with your importunities may be too polite and indifferent to tell you where you stand in his estimation.

Collectors often put themselves in a bad light with dealers with whom they would

like to trade without knowing what is the matter.

A curbstone lunch stand sells coffee and rolls cheaper than a first-class restaurant. A pawnbroker sells diamonds and jewelry cheaper than a Tiffany.

There are also a class of Cheap John stamp dealers who are hungry for your business and resort to petty methods of business. People who prefer the lunch stand and the pawnbroker are usually of a class; they have their place in the affairs of life and no one need complain.

If a stamp collector is fortunate enough to have been able to open an approval account with a first-class dealer he should consider himself fortunate and not regard the connection too lightly. Collectors who are the intelligent and considerate certainly have a great advantage.

The best and most successful dealers carefully select and choose their clients, although they may not find it necessary to advertise the fact.

Be Fair and Considerate

In the relations existing between dealer and collector it has to be borne in mind that with the collector it relates to a pastime or hobby, and the same consideration is not always given that usual business would receive.

Some collectors are thoughtless and cause serious loss and inconvenience by their delay and careless attention to matters of business.

These relations are strictly a matter of business with the dealer and a good deal

of patience must sometimes be exercised.

For a collector to receive valuable selections on approval and then keep them tied up and idle for weeks and even months at a time, as is sometimes the case, is a serious wrong, that is no better because the collector is usually responsible in a financial way.

The dealer does not always feel in a position to resent such treatment in the case of specific transactions, and our department of mutual relations "for the good of all" is therefore asked to make these general comments for the intelligent consideration of both collectors and dealers.

There are very many collectors, permit me to observe just here, who are scrupulously thoughtful and considerate in their relations with dealers, and to them none of these observations could possibly apply.

Stamps by the Ton

It is well known that vast quantities of used postage stamps are accumulated in all parts of the world, at the instigation of religious institutions. People are inspired and interested in gathering these stamps, knowing that they are to be used to secure funds for missionary, charitable or educational purposes.

The accumulations are of vast proportions and the stamps are sold for the benefit of the various institutions in whose interests they are gathered together.

The H. S. Powell Stamp Co., of Storm Lake, Iowa, writes that they have secured the exclusive sales right of all stamps gathered by the "Fathers of the Divine World." This organization has a membership of over 3,000 priests who are at the head of monasteries located in every stamp issuing country. For instance, even in Iceland, Togo and North Borneo.

There are now over 100 tons of stamps gathered and Rev. B. Stollenwerk will sail for Europe on May 15th and make arrangements for the removal of the greater portion to the Powell Co.'s work at Leebenthal, Kansas.

The Powell Co. are well-known makers of stamp packets.

Postoffice in the Stump of A Huge Fir Tree

At Black Rock, Oregon, a mill and logg-

ing settlement is found, according to The Evening Telegram, what is probably the most unique postoffice in the United States. It is in the stump of a huge fir tree, and J. F. Holman is the postmaster of this hole in a log. He also operates the central exchange of the telephone company. The stump is some 25 feet in diameter and the Government appropriates each year a certain amount for its maintenance. In place of the greenery that formerly dropped from the branches of the forest monarch, may now be seen a mail pouch suspended ready for the mail carrier. Telephone wires in this section all lead to the postoffice, and Postmaster Holman is perhaps the busiest official in the service of Uncle Sam. He has held his job for some time although there have been others who are jealous of the reputation which he has enjoyed in being the only man in the country who has found it profitable to increase the revenue of the Government with an office in the trunk of a tree, and at the same time work the "hello" wires without interruption to business.

The Denver Republican asks, Isn't the government somewhat slow in bringing out a special edition of polar discovery stamps?

ILLUSTRATED ALBUM, 500 spaces with 250 varieties and 500 hinges, 12 cents; with 500 varieties, 75 cents. Stamps bought, send samples, will quote prices paid. M. Wright, 37 Norton St., Dorchester, Mass.

JUST FACTS

WHO WE ARE

We are the recognized leaders among packet makers. Just act and let our packets show our ability.

Just made the largest deal that has ever been made in stamps. Contracted for the exclusive sale of 100 tons.

We offer to get acquainted with the several thousand readers of this journal. **500 all different** good, clean, well selected postage stamps from the world over. Among them are those from Boston, Austria, India, Queensland, Natal, Orange River Colony, Turkey, Java, etc. **Will Catalogue About \$8.00**

Postfree at 75 cents

H. S. POWELL STAMP CO.
Box 900 STORM LAKE, IOWA

Commemoratives for San Francisco

The Postmaster General has authorized the preparation of designs and plates for a commemorative series of stamps for the Panama-Pacific Fair at San Francisco in 1915.

This series are promised to be the most beautiful in artistic design and finish that have been issued by the P. O. Department.

England had the First Postage Stamp

The inventor of the adhesive postage stamp was undoubtedly Rowland Hill. In 1837 he proposed the use of a "bit of paper just large enough to bear the stamp, and covered at the back with a glutinous wash, which the buyer might, by the application of a little moisture, attach to the back of the letter." No evidence that will bear the slightest scrutiny, we are told, has been produced to support the various prior claims to the invention of the adhesive postage-stamp; and even should such a claim be established it could not in the slightest degree lessen Rowland Hill's reputation as its sponsor.

It was in January, 1840, that uniform penny postage in England came into being; but it was not until May of that year that the postage-stamps themselves were ready. There were four varieties in all—adhesive stamps of the value of one penny (black and twopence blue, and corresponding envelopes of the same values were placed on sale at the proper government stations.

The stamps showed a profile of the youthful queen, after a medal by Wyon, and in their severe elegance of design and superb engraver's work, form miniature works of art that, in their kind, have never been

surpassed or even equaled. The envelopes bore an elaborate allegorical design by William Mulready, R. A., in which Britannia was seen to be despatching her winged messengers to all the inhabited quarters of this bustling world.

At the end of ten years after the introduction of Rowland Hill's stamp, only thirteen foreign countries had adopted the invention, and it is curious to think that the example of Great Britain should first have been followed, in 1843, not by other great powers, but by Brazil and two Swiss cantons. But during the fifties the accessions came thick and fast, till by January, 1860, there were eighty-five countries that had issued postage-stamps. These colored labels soon began to attract the notice of the curious, and early in the fifties a few individuals here and there were forming stamp collections. But it was not until 1861 that the hobby attracted public attention, developing in the following year into a veritable craze among all people with any pretense to civilization. — American Boy.

A Notable Stamp Find

A lady living in Sydney, Australia for many years has hoarded a collection of postage stamps left by her father, who had pursued his hobby of collecting for fifty years. The daughter was ignorant of any knowledge of philately and threw the stamps into an old trunk. Recently she visited a stamp exhibition and for the first time awoke to the value of the stamps in her possession. She secured the assistance of experts, who estimate the value of the collection at one hundred thousand dollars. — American Boy.

A new series of stamps is in preparation for Russia, the design showing a figure emblematic of the country.

Wanted: Old Books

Have you any old books on the Indians, the early history of the West, Archeology, the Missouri River region, the Plains, Reminiscences of Early Days, etc.? If so what do you want for them cash or exchange?

George J. Remsburg

Potter,

:

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Kansas

Loose Ends

Costly Postage—A London firm of philatelists have acquired an envelope the number of stamps on which, it is said, constitutes a record for one letter.

The value of the stamps was no less than £188. The letter, containing valuable securities, was forwarded to an Austrian bank by a client in Russia.

The envelope 26 in. long by 12 in. wide, was entirely covered on one side by 182 ten-rouble stamps.

It is calculated that the cost of the stamps a special messenger could have made the journey and taken a trip round the world into the bargain. No explanation is suggested of this eccentricity.

The benign face of Franklin will henceforth appear less frequently on matter that comes through the mail. On the one-cent stamp of the new series issued this month, Washington replaces Franklin. Washington remains on the two-cent stamps, and also on the threes, fours, fives and sixes; but on the stamps of higher denomination he gives place to Franklin.

The current set of Philippine Islands has been undergoing slight changes of color, almost simultaneous with the appearance of the single-line water-mark. This means that certain values with the former color and new water-mark will be rare.

This year promises to be a bumper crop of new stamps. Consequently it will mark a great revival in the fad of collecting. Scores of British colonies will change to George heads, and a new set for the mother country is in slow progress. It is to be a year of great political unrest, attended by the usual undertow of stampistic changes.

The American postage stamp is now serving its sixty-fifth year, the first issue having been placed on sale July 1, 1847; the total issued during that year was 860, 380. Prepayment of postage did not become compulsory until 1856.

The 12c of the 1908 type will have to be passed up. We have patiently waited for three years for this stamp; the plates were ready for the issue, and we had our 12 cents laid up on the clock-shelf; we were going to speculate heavily.

The incoming issue of U. S. is bobbing

up here and there. The 10c seems to be the early bird in this novel emission, contrary to custom. Although satisfactory, it can't beat its predecessor, except in point of color—the series of 1908 can never be beaten. The Stampster man got a sackful of the 50c and \$1 values but he wants all he can get.

If all the postage stamps issued by the United States Government during the last fiscal year were collected and laid end to end they would form a chain over 18,000 miles long, stretching three-fourths around the world, or from New York to the Philippines and back, says the New York World. The number was 10,061,439,768, with a representing face value of \$180,957,395.

A great discovery has just been made of a minor variety of the 2c carmine, 1903, U. S. This important news will be of interest to speculators in this stamp. Out of 193,292 copies scrutinized under a 44-horsepower microscope it was found that in only 26 was this difference found—the eighth whisker in the third row under Washington's left ear was missing!

Relics of an Old Trail

By GEORGE J. REMSBURG

What is known as the "Old Military Road" passes near the writer's home, starting from Fort Leavenworth, crossing the counties of Leavenworth and Atchison and connecting with the famous old Oregon and California trail at Kennekuk, in Atchison County Kansas. The "Old Military Road" was laid out under the direction of Major E. A. Ogden in 1850, but was used as a Trail by the Indians, the Soldiers; the "Forty-Niners," the Mormons, the emigrants, etc. before that time. It has always been a great natural highway, being on the dividing ridge between the Missouri and Kansas Rivers. Francis Parkman, the distinguished American traveler and historian passed over this route in 1847, and tells much about it in his famous book, "The California and Oregon Trail." Capt. Howard Stansbury traveled the same route in 1849 on his exploring

expedition to Great Salt Lake.

The writer has in his extensive private collection of relics and curious a number of interesting mementos of those pioneer days picked up at intervals along the old trail. Among these might be mentioned the following: A Spanish or Mexican dagger or stiletto found in a cut of the old road near Lowemont, Kansas; several ox-shoes, one of them having had a price of the animal's hoof adhering to it when found; a heavy, hand forged chain, rings, pins, chisels, hammers, etc. such as were used about the freighter's wagons, old pony and mule shoes; keys to ox-bows; several old bayonets and various other pioneer relics.

There are traditions of many buried fortunes along this old trail and much digging has been done by credulous parties in search of them. The only instance, however, of anything of the kind having been found, or at least, that has come to the writers notice, was about a year ago when an iron pot containing several rolls of bills, supposed to amount to about \$5000 was found by Mr. Sohn Rector on the Chris Gousz farm in Salt Creek Valley, a short distance northwest of Fort Leavenworth, on this old road. The bills crumbled to dust upon being exposed to the air, thus rendering them unredeemable. The writer has pieces of the old pot in which the money was buried.

Potter, Kansas.

Who Told the Hen How

By MRS. B. F. WILCOXON

The hen has the science of chickens "down" pretty fine. I once watched a hen sitting on a nest of eggs I saw her sit there constantly for four days being off only a few minutes at a time to get a bit to eat and sometimes not coming off at all for

four days. The third day I saw her turn the eggs and after that she turned them every night and morning up to the eighteenth day. In the morning after the sun had things warm she rushes off the nest on the fifth day eats a long breakfast. An amateur seeing this for the first time will worry for fear the eggs will cool off. Of course they will and the hen knows it all right.

She stays off about ten minutes, eats, drinks and takes a dust bath, thus she cools and turns the eggs every morning until the eighteenth day. On the eighteenth day the embryo chick prepares to take a knock at the egg shell and rights himself so he can pick upward. If his head is down he turns in the shell. If a hen should happen to turn an egg on the morning of the eighteenth day she quickly turns it back again. At this stage of incubation the mother instinct is aroused and she is ready to fight every thing that comes near her. No incubator can beat a hen hatching eggs. This is true regardless of the arguments we see to the contrary, but all hens are not alike. Where there are a few model hens that stick to business there are some that do not. I believe there are a number of incubators that do as well as hens average. An incubator manufacturer once said that an incubator chick is not what it ought to be can easily be determined by dissecting a chick one or two days old. Take an incubator chick, cut off its head and open the thorax quickly, and you will find that the heart will cease to beat in about two minutes, while in a hen hatched heart will twitch as long as seven minutes. Of course the final count of resort is the per cent of chicks that die. Still I have had good success in rearing thousands of chicks by the artificial methods. For several years we bought poultry for the commission houses our line of work extended over several counties and we bought the most poultry of those who had never seen an incubator. I do not say this to discourage the use of the incubator, but we must learn how to run the machine by the instructions that come with each machine not by what some one tells you all together. We must have a mind of own in rearing chickens.

Hillsdale, Wyoming

A Letter From England

Leasam View, Rye, Sussex.

It is with pleasure Mr. Kiger that I hear of your new venture and I am sure in such able hands that your journal will become a big and deserved success and supply a real want.

I am pleased to tell you that the poultry business in this country is coming along with leaps and bounds, all our poultry journals are going strong to stimulate interest and they are offering huge prizes. The most enterprising is a prize of a \$5000 poultry farm for the lucky winner who can obtain the most new subscribers. Another of our poultry journals is offering \$3.00 a week for life.

We are just in the throes of a big coal strike in this country which will give us poultrymen a big set back as

all business is at a standstill but hopes of a settlement is now in site. Hatching is going along merrily and as we have been favored with a very mild winter chicks are doing well and it augurs a good year for us. The Blue Orpington is catching on here but at present they are scarce and fetching big prices, nothing can be bought under \$25 and many good colored specimens are fetching anything to \$1000. I have just had the pleasure of shipping a pen of this new variety to John W. Whittaker, West Cole St., Pawtucket R. I. So perhaps your readers anxious to commence with this bird may be able to get a few eggs at a reasonable figure. Wishing you will find these few lines of service.

I am yours truly,

Jas. Carton

Pigeon Department

By KARL INGLEDUE, Marshalltown, Iowa

Introduction

In adding to this Poultry Journal, an up-to-date Pigeon column, Mr. Kiger has taken a long step towards a better and Practical Fanciers paper. Mr. Kiger has taken a step further than some of his other competitors, and believing that every Poultry Paper is read by a number of Pigeon Fanciers, who would be interested in Pigeon Items, this department will hereafter appear in every issue. Mr. Kiger has asked me to take charge of this department, and I hereby request every one in the Middle West, who is interested in Pigeons to send any and all news items to me that will prove interesting to our readers. I ask the co-operation of every Breeder, Dealer and Fancier, not only by subscribing to this Journal, but by advertising. Without the strong support of advertising, no department can be a success. Advertising to this department will prove a profitable in-

vestment, and is sure to bring results. Lets all boost for this paper, and make the Pigeon department a grand success. Wont you HELP. Lets all co-operate. Send along your copy for that advertising, and any news items you may have. All communications to this department must be addressed to Karl J. Ingledue, Marshalltown, Iowa

□ □

The breeding season in the pigeon line is now at hand and every fancier has planned and arranged his seasons breedings, hoping for the best results. A common mistake in the breeding and mating of fancy pigeons is that of mating two good birds together. For example if the beginner has a pair of Fantails, the ideal young birds should be good tail, and fine carriage and style. My experience with 10 years of breeding high class fantails has been that

the male bird should possess the greatest style and the female bird the best shaped tail. If the female has too much style the common occurrence is that she is not a good mother and will sometimes neglect the young birds. Mate your birds carefully, combining the fine points in one bird to the poor traits in the other and results are certain of success.

Questions and Answers

Notice.—The writer will be glad to answer any and all questions, pertaining to pigeon breeding, through the columns of this paper. If a private reply is wanted address the editor of this department, enclose stamped addressed envelope and information will be given. Send along your questions.

Replies to inquirers;—

C. E. B. Illinois.—Several of my birds have recently grown thin, and much reduced in weight. They have a diarrhoea and mope about the pigeon loft. Do you recognize the disease and what is a remedy.

From your brief description I should diagnose the trouble as Atrophy, a disease common to pigeons and known more commonly as "Growing Light." The disease, while dangerous can oftentimes be cured, by easy methods. I should advise you to separate the diseased birds from the rest of your flock, as I have known the trouble to spread to entire flocks. Turn the birds loose, give them plenty of exercise. Better looks towards the cleanliness of your lofts, as this trouble is often caused by foul water, and filthy conditions. I am sending you by mail the name of a medicine that I have often used with success.

Harry L. Iowa.—Have just started raising pigeons, will you please tell me the length of time required for eggs to hatch, also which bird feeds the young? It requires 16 days from the time the second eggs are laid, for the squabs to hatch. This time some times varies a little. Both birds feed the young, the male feeding one and the female the other. Let me hear from you again, as I want to help you get a good start.

What Varieties to Breed!

In entering the pigeon business, many

people will ask the question—What kind shall I try, raising squabs for the market or Fancy Show Pigeons. That is a difficult question to answer. If you enter the business money making I should advise the purchase of Homer pigeons for squab raising, although much more enjoyment can be derived from fancy pigeons, and if you raise good birds you will find a ready sale, although the fancy pigeon market is not as steady as the squab business. If you decide to raise Fancy pigeons, study their habits, and do not at first start with the very best birds, but be content with fairly good stock, and later you will be in a better position to understand fancy high grade birds. If you enter squab raising I by all means advise the purchase of Homer Pigeons, although at the present time the Craneaux is a very popular bird, although they raise larger squabs, they are not as steady as the Homer, and at present their price makes them prohibitive to many, while good Homer pigeons can be bought from \$1 to \$4 per pair. Whichever you enter start with good stock, better be content with one good pair than ten poor ones, and you will hold your love and interest in your feather pets.

If you decide to enter the Fancy field I recommend the following breeds as the best for beginners:—Fantails Tumblers, Homers and Turbits. These birds are easier to breed in perfection, and yet retain all the fine points of other more difficult stock. Not that the Turbit and Fantail are not hard to raise in perfection, because they are, but they take excellent care of the youngsters, and are not as difficult to manage as some of the other breeds.

In next month's Pigeon Department, watch for a big article entitled, "A Visit to a Model Squab Plant." It will be worth reading and very interesting.

Pigeon Breeder's Attention!

Now that Mr. Kiger has given us space in his valuable paper—lets all BOOST, lets show him that it is appreciated, lets give him Subscriptions and Advertisements. We are going to mail copies of this paper to Pigeon Fanciers in this section of the country and you are bound to obtain results from an Advertisement. Write for rates.

Our Classified Ad Department

**1 cent a word; 3 months at price of two.
Forms close second of month of issue.**

BABY CHICKS

Baby Chicks Bridgewater and Owen Farm Strain S. C. Buff Orpingtons. 10 chicks \$3.00; 20 chicks \$5.00 and one 50 chick size fireless brooder with each order. I guarantee chicks to equal any you can buy costing \$1.00 each. Save time send order direct from this ad. Satisfaction guaranteed. Chas. Johnson, No. 1 Hoyles Ave., Aurora, Ill.

BUTTERCUPS

Sicilian Buttercups.—If you want a breed of merit that all your neighbors do not possess, then get some Buttercup eggs for hatching. Circular free. D. S. Durall, Hurdland, Mo.

LEGHORNS

15 eggs, \$1.50, from 6 choice pens of Single Comb Buff Leghorns and Rhode Island Reds. Also stock for sale. G. C. Mafle, Washington, Ill.

Single Comb White Leghorn Eggs. —\$4.00 per 100; \$2.50 per 50; \$1.00 per 15. Also C. I. Game eggs at same price. Joel Hoskins, R. 2, Pleasant Plain, Iowa.

ORPINGTONS

Crystal White Orpingtons, Kellerstrass and Cook Strain, bred to lay kind, eggs \$3.00 per 15 Columbian Wyandottes fine winter egg laying strain. \$2.00 per 15. Chas. F. Milligan, Beallsville, Ohio.

Eggs For Hatching from my heavy winter laying Crystal White Orpingtons. I am booking orders for eggs at \$3.00 and \$2.50 per 15. J. F. Fisher, Gastonia, N. C.

A few Thoroughbred White Orpington Cock- erels for sale to make room for spring hatches. Owen Farms Strain. Weight about ten pounds. Two dollars each while they last. Hallenbeck, Elmhurst, Ill.

Extra fine Crystal White Orpingtons. None better, few as good. Eggs from choice show birds. Booking orders now. Write for mating list. Satisfaction guaranteed. Etie Snyder, Route 3, Murphy-boro, Ill.

Ten dandy Buff Orpington hens for \$10 Eggs \$1.00 per 15. Golden buff cockerel scoring 92, head pen. L. A. Alley, Cainsville, Mo.

S. C. Buff Orpington Eggs \$1.50 and \$1.00 per 15. A few settings of White Indian Runner Duck eggs \$4.00 for 15. Satisfaction guaranteed. M. H. Bailey, Aredale, Iowa.

Single Comb White Orpington Eggs for hatching. Kellerstrass Strain. Write for prices. One-half price after July first. L. A. Castle, Wyoming, Ill.

PLYMOUTH ROCKS

Buff Rocks, Buff, Black and White Cochit Bantams. Blue ribbon winners. 9 firsts, 2 seconds at two shows. Eggs 15 for \$1.50. H. A. Cronk, 1305 West 3rd, Anderson, Ind.

Partridge Rocks, Illinois strain. Winners at St. Louis, Illinois state show won champion cockerel and pullet. Choice cockerels for sale. Eggs \$10.00 and \$3.00 per 15. Barred Rocks, Auconas, J. Liljequist, Davis, Ill.

Utility Barred Rocks. The kind that lay and pay. The best fowl for farm or city dweller. No better laying strain to be found anywhere. Eggs \$1.25 per fifteen. C. O. Bayha, Jacksonville, Ill.

RHODE ISLAND REDS

S. C. R. I. Red Eggs for hatching at very low prices. All birds score above 90 by Judges Russell and Dagle. Satisfaction guaranteed. Mary S. Marr, Ainsworth, Iowa.

WYANDOTTES

Partridge Wyandottes Exclusively—Fancy matings, 2 pens contain winning birds from several shows; including Des Moines. Eggs \$1.75. R. D. Kaster, Allerton, Iowa.

Silver Laced Wyandottes. Winners of blue ribbon Mo. State, and other shows; both in Kansas and Nebraska. Good winter layers. Eggs \$1.00-\$3.00 per 15, three pens. Geo. Beckman, Fairview, Kans.

MISCELLANEOUS

No license required. Make your own liquors, wines and beer at home. \$1.00 will make 50 pints of finest beer to be had. \$1.00 will make 12 pints of fine whiskey. Send \$1.00, name which you wish. Money back if it is not what you think it ought to be. Ref. Oakwood Bank, C. D. Bissett, 7837 Dobson Ave., Chicago, Ill.

"Don't Let Them Suffer" Chickens sick? State particulars enclosing 25c I will mail you a formula. Cost for compounding small. Joseph Abel, 422 N. High St., Baltimore, Md.

50 Cents An Inch 1 Cent A Word

THIS COUPON WORTH 35 CENTS

Return this coupon and 35 cents (cash or stamps) and we will send you American Hen Magazine until January 1, 1913 (regular price, 70 cents). This gives you 70 cents worth of the **Best Poultry Journal Published** for only 35 cents. American Hen Magazine has reliable writers on all subjects pertaining to poultry, fruit, pigeons, nuts and bees. It contains valuable information on how others have made from \$6,000 to \$20,000 a year from the investment of only a few dollars.

Joel M. Foster, a young man, made \$19,48.83 in one year. The Curtis boys made \$100,000 from their chickens. Mr. Parrin made over \$1,300 on a village lot. The Cornings (father and son) made \$12,000. One man made over \$35,000 in two years. Ernest Kellerstrass made \$18,178.53 last year. E. R. Philo made \$1,500 from 60 hens in 10 months.

Many others are making a snug fortune each year. Are you? Remember, you can make an independent living from chickens on a city lot, right in your own back yard. Read "A Fortune Raising Chickens on the No-Yard Plan" in American Hen Magazine.

Return this coupon and thirty-five (35) cents today. A single copy is worth more than \$35.00 to the man, woman, boy or girl who wants to make money fast. (Published each month.) Address

American Hen Magazine

440. Sta. D.

Chicago, Ills., U. S. A.

BARRED PLYMOUTH ROCKS

E. B. Thompson Ringlet Strain Direct. Stock sired by New York Winners eggs from best cockerel or pullet bred matings at \$2.50 per 15, \$4.50 per 30 Fertility guaranteed. Utility eggs \$6.00 per 100. I guarantee you eight strong chicks from each setting or will duplicate order at one half price.

H. P. LARSON

Woodford, :- Wis.

Mention Kiger's Poultry Journal when writing.

Two Hundred Settings of Eggs from Thoroughbred Poultry Will Be GIVEN AWAY

by the **WISCONSIN POULTRYMAN**
in the Next 60 Days

No money is required, simply give us three hours of your spare time in showing this new poultry journal to your friends. It is an up-to-date practical magazine giving the poultry news of the great north west. Regular price 50c per year but to introduce to our friends we are making it 25c this year.

Write us at once for a setting of these eggs. From 14 of the most popular fowls.

Act to-day while the supply lasts.

Wisconsin Poultryman Office

West Salem, :- Wis.

Townsend's

WHITE PLYMOUTH ROCKS

Winners and Layers. Eggs, \$3 and \$5 per 15.

BLACK ORPINGTONS

Imported English cockerel mated to four extra fine hens. A limited number of eggs from this pen for \$5 per 15. Free catalogue Write to-day.

Lynn C. Townsend

Weedsport, :- N. Y.

James Carton

LEASAM VIEW, RYE, SUSSEX, ENGLAND

Will be pleased to despatch

WHITE ORPINGTONS

from England. Big framed, stocky birds that can win. Send post office draft and details of your wants and he will do the rest.

Marain Special Scratch Feed

Made from corn, wheat, kaffir corn, grit, beef scraps, sunflower seed, charcoal, barley and oats. Superior to anything on the market.

Prices \$2.25 F. O. B. Richland. Special prices on 5 sack lots.

Marain & Caughlan, :- :- :- Richland, Iowa

Black Langshans

Pens headed by males scoring from 92½ to 94. Females score from 91½ to 95. Eggs \$1.50 per 15, 2.50 per 30, \$7.50 per 100. Satisfaction guaranteed.

Mrs. Thos. Bottarff, :: Highland Center, Iowa

Single Comb White Leghorns

Our stock are direct descendants of Chicago Winners. Pen 1, male scores 95, female score 95 to 96. Eggs \$2.00 per 15 or 30 for 3.00. Range flock, eggs \$1.00 per 15 or 45 for \$2.75 or \$4.00 per 100. Satisfaction guaranteed. Stock for sale at all times. Order direct from this adv.

R. E. Brown, : : : R. R. 3, Richland, Iowa

Orpington Eggs

\$3.00 per 15; \$12.00 per 100

My birds are from \$50.00 and \$100.00 Kellerstrass trios, these birds have been laying all winter. From 17 pullets I got 332 eggs in the month of January. Cockerels \$2.00.

N. Roy Bowman, : : R. F. D. 1, Albany, Wis.

BARRED ROCKS

Cockerel mating, pen headed with prize winning cockerel. Females sired by cock winning first in three shows. \$1.50 for 15 eggs.

Theo Sevb, :: :: :: Richland, Iowa

TURKEY EGGS

M. B. Turkeys, large boned, fine plumage. Toms weigh 35 lbs. hens 18 to 20 lbs. Eggs 20c each, securely packed and satisfaction guaranteed. Order early.

EDNA STITT.

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PEKIN, IND.

SINGLE COMB WHITE ORPINGTONS

Eggs for hatching from strong vigorous birds, excellent shape and color. Owen Farms Strain. Carefully selected eggs three dollars per fifteen. My motto "A Satisfied Customer."

Preston Polhemus,

∴

∴

∴

Osceola, Indiana

FANCY PIGEONS--ALL KINDS--Stock for Sale

Start the pigeon business now. I have for sale the following stock:—

Black Fantails \$2 per pair

White Fantails \$2 per pair

Homers \$1.70 per pair

Tumblers \$2.00 per pair

Send for my Price lists of all kinds of Fancy Pigeons at lowest prices. I guarantee every pair of Pigeons to be mated, and worth double the price I ask. Send along your orders. Fair treatment and a SQUARE DEAL guaranteed.

Karl J. Ingledue,

∴∴

∴∴

Marshalltown, Iowa

Breeder and Shipper of All Kinds Fancy Pigeons

At L. H. PADELLFORD'S

POPULAR PHILO PLANT-AT NEVADA, IOWA

You can get eggs from the very best Single Comb White Orpingtons—Sons and daughters of 1st Madison Square winners direct from their originators Wm. Cook and Sons, Scotch Plains, New Jersey. Also fine utility stock of a most wonderful laying strain. All at reasonable prices. Have about 20 pullets and a few cockerels for sale, at living prices.

Partridge Wyandottes

In the past three years our birds have won as follows: Sioux Falls, S. D. 1st Ckl.: Packwood, Iowa. 1 Cock, 1 Ckl., 1 Hen, 1 Pull., 1 Pen; Richland, Iowa 1 Cock, 1 Ckl., 1 Hen, 1 Pull., 1 Pen; Hedrick, Iowa 1 Cock, 1 Ckl., 1 Hen, 1 Pull., 1 Pen. Our birds have won seven silver cups in straight competition. We will have five pens mated this season and will offer eggs at \$2.00 \$3.00 and \$4.00 per setting of 15 eggs. We guarantee satisfaction. Order direct from this adv.—or write. Some fine cockerels yet for sale, \$1.50 to \$5.00 each.

Hallowell & Fearis, : : : Richland, Iowa

White Plymouth Rocks

CLOVER LEAF STOCK AND POULTRY FARM

We are offering eggs for hatching from five mated pens and a range flock. The birds in our pens are of the highest order and all large, good shaped birds and all pure white with neat combs and red eyes and bright yellow legs. Eggs from these pens from \$2.50 to 3.00 per 15 eggs; \$10.00 per hundred. Satisfaction guaranteed. Our range flock are good birds all scoring above 90 points. We offer eggs from this flock at \$1.25 per 15 eggs or 100 eggs for \$4.00. You may order direct from this advertisement or send for our 1912 mating list. You can pay several times as much for eggs elsewhere and get no better quality than we will give you, remember we are responsible and we guarantee satisfaction.

Mrs. E. S. Wolcott, : : Richland, Iowa R. F. D.

Plymouth Rock Breeders

Send for a sample copy of the ONLY paper published devoted exclusively to all varieties of Plymouth Rocks. Published monthly. Best writers and timely subjects. Profusely illustrated by world's best artists. Subscription price 25c per year. Low advertising rates. This is just the paper you want and need. Let us hear from you NOW.

Plymouth Rock Gazette Co., :: Weedsport, N. Y.

Don't Sell Your Eggs!

When they are cheap pack them with my new method, will keep two years---will be as fresh as new laid eggs. No special place required to store them. Cost only 1/2c per dozen to pack them. Write me for circular.

MRS. B. F. WILCOXON

Dept. W. :: :: Hillsdale, Wyoming

WHITE ORPINGTONS

PHILO STRAIN

**Three Hundred and Eighty Breeding Pens and
Thousands of Cocks, Hens, Cockerels and Pullets**

\$3.00

\$5.00

\$10.00

will buy a good utility cock, hen, cockerel or pullet.

\$10.00

\$25.00

\$50.00

will buy a cock, hen, cockerel or pullet of the "Jumbo Mammoth Strain," Extra selected Exhibition or one of the noted "Philo Pedigree Business Hens."

These birds are all produced from pens of breeders selected and perfected by Mr. Philo, the originator of the Philo System. No other strain has been bred so many years without inbreeding. Many years of careful breeding, to produce vigorous birds, has accomplished wonderful results, and made it possible for us to ship thousands of baby chickens safely to nearly all points in the United States during the coldest winter weather.

Our hens have increased in egg production right through the coldest weather and the eggs produce the kind of chickens that make the poultryman happy.

We have all types, kinds and styles from the short leg blocky kind to the more stately birds which are the most productive.

Your order mailed direct from this advertisement will have careful and prompt attention, or you may write for more particulars, stating the type, style and kind you most desire.

CYCLE HATCHER COMPANY

21 Lake Street, Elmira, N. Y.

Dagle's - Buff - Rocks

Are equal to any and our prices are in reason. We guarantee to please you. Our birds never fail to win at the best shows.

Eggs \$5.00 per 15; \$9.00 per 30; \$12.50 per 45.

Satisfaction Guaranteed

Expert judge of all varieties. Member of American Poultry Association. Northwestern District Vice President of the Buff Plymouth Rock Club. Our judging work takes us to all parts of the country and into some of the best shows in the land. Correspondence a pleasure.

OAK HILL POULTRY FARM

Joseph Dagle, Prop., ∴ ∴ ∴ Richland, Iowa

THE WORLD'S BEST LAYERS

The back bone of the poultry business is the laying hen. We have it and you want it. Without it you cannot succeed and you have got to keep hens that lay more than a scant 100 a year if you want to keep up with the procession.

The writer has devoted all his poultry experience to bringing forth a strain of layers that can and do lay, and he confidently believes he has the best layers in this country, in his two breeds.

THE NEW RED SUSSEX FOWL

the bird that created such a sensation in London as a table fowl. A real bantam turkey, and a layer that can not be surpassed. In color we have a dark mahogany red, and a sitter that broods very little. Large 8 pound hens, and cocks up to 11 and 12.

SINGLE COMB WHITE ORPINGTONS

Individual records up to 242 have been reached. We now have a hen nearly four years old, who has passed 585 and still laying. We have by the most careful selection reached a flock average of 196 with 22 breeding hens, three-fourths of which were hens in their second season. These were not chance birds, but those from which we sold hatching eggs last season. We now have a pen of 8 three year old hens that have averaged 5 1-3 eggs a day since January 1st.

This should appeal to beginners who have hertofore been led astray by glaring colored ribbons. Correspondence invited.

ELMER F. HAAG, Norwood Park, Chicago

Poulterer to His Majesty, the American Citizen.

Special

We have decided to allow 25 per cent discount on all advertising contracts received before June 1. The reason we do this is to push KIGER'S POULTRY JOURNAL right at the start. The more ads we get--the more papers we can afford to send out. If convenient send cash in advance, as we can use the money to good advantage, or pay at the end of each month or quarter.



Display Advertising--50 Cents

One month.....	60 cents per inch.
Three months.....	50 cents per inch.
Yearly contract for 12 in.	45 cents per inch.
Yearly contract for 24 in.	40 cents per inch.
Yearly contract for 48 in.	35 cents per inch.
Page, single insertion.....	50 cents per inch.
Page, yearly contract.....	30 cents per inch.

Not less than one inch any month on yearly contract.



Classified Ads 1 Cent a Word

One month.....	1½ cents a word
Three months.....	3 cents a word
Six months.....	5 cents a word
30 word ad, 12 months.....	\$2.50

The type page contains two columns, each 5 ems wide and eight inches long.

Forms close the 25th day of the month preceding issue. Classified ads will be received as late as the 2nd of the month issue.

Kiger's Poultry Journal is published the 12th of the month of issue.



Send at Once

If you want advertising space in our June issue send us your copy at once so we can give it careful attention. All copy for Display space must be in our hands not later than the 25th, and earlier if possible, as the Journal will be mailed out on the 12th. We will receive classified ads up to June 2nd.

That Strawberry Patch

There is no fruit more welcome than the strawberry, and it comes so early in the spring, yet there are so many homes in the country as well as in the town where there are no strawberries grown, when if a small patch of ground were set to strawberries, even from 200 to 300 plants, you could just "swim in berries" and have lots to sell besides. A person that has never had the experience of setting out and caring for a strawberry patch has missed half their life almost. It is said that a patch big as a blanket will furnish enough berries for an entire family, but we want more if possible, as there is nothing like having all you can use and some besides when it comes to big ripe strawberries.

There is big money in raising berries for market too. It is wonderful what an acre will produce--more bushels than corn, wheat or potatoes.

Culture.--First you should select good rich ground, altho most any kind of soil will grow good berries, and ground that has grown garden truck or potatoes is preferred. You can not get the soil in too good order. Mark out in rows about four feet apart and two feet apart in the row. A common sled runner marker is best. If to be tended with horse it will be necessary to cross mark the plot and set plants at the intersections of marks. Cultivate same as potatoes at least every week and after every rain. Never let a crust form on the ground. Keep all runners cut off so as to make the plants strong. Don't keep putting off setting out the plants--do it right now.

Our next article will be on summer cultivation.



Mention K. P. J. when answering ads.

Dagle's - Buff - Rocks

Are equal to any and our prices are in reason. We guarantee to please you. Our birds never fail to win at the best shows.

Eggs \$5.00 per 15; \$9.00 per 30; \$12.50 per 45.

Satisfaction Guaranteed

Expert judge of all varieties. Member of American Poultry Association. Northwestern District Vice President of the Buff Plymouth Rock Club. Our judging work takes us to all parts of the country and into some of the best shows in the land. Correspondence a pleasure.

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This should appeal to beginners who have heretofore been led astray by cheaply colored ribbons. Correspondence invited.

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Our next article will be on summer cultivation.



Mention K. P. J. when answering ads.

Eggs HALF PRICE Eggs
DURING BALANCE OF SEASON

S. C. Rhode Island Reds

I have three grand matings for 1912 egg trade. Free range eggs \$3.00 per 100. Write for mating list. Satisfaction guaranteed.

Frank Chalupa, Member of A. P. A., Pleasant Plain, Iowa

CRYSTAL

S. C. White Orpingtons

Half Price Sale on Eggs

After May 15th we will sell eggs from our pens at \$2.50 per 15, \$7.00 per 50, from our best pens; \$1.50 per 15, or \$3.50 per 50 on all the other pens. Our fertility is running very high right now. Our hen hatches are from 12 to 14 out of 15 eggs. Send for our mating list describing our matings or order direct from this ad if in a rush for your eggs.

Keep us in mind if you want breeding stock. We have some of the best birds to be found in the state and will be able to furnish old and young stock this fall.

D. O. Friend, Brighton, Iowa

Kiger's Poultry Journal

1 Year and a 20 Word Ad

and either one of the following regular 50 cent Poultry Journals for 1 year for 50 cents:

Reliable Poultry Journal
Western Poultry Journal
American Poultry Journal, Etc.

Kiger's Poultry Journal, Brighton, Iowa

Rose Comb Reds

Bred to Lay and Win. Won at the Sixth District Show, Oskaloosa, Dec. 1911, 1st cock, 1st chl. 1, 2, 5th pullet, 1st, pen on 7 entries. Eggs from these winners \$2.00 and \$5.00 per 15. Utility eggs 15, \$1.00, 30 \$1.75, 100 \$5.00. Catalogue Free.

E. B. Sinn, Box O, Brighton, Iowa

SEPTEMBER, 1912

Volume 1

KIGER'S

Number 5

POULTRY JOURNAL

DEVOTED TO

**Poultry, Pigeons, Bees, Small Fruit and Garden
BIG COLLECTOR'S DEPARTMENT**



"BIG RED BOY" SECOND RED SUSSEX COCK,
CHICAGO SHOW, DEC., 1911, OWNED
BY ELMER F. HAAG, NORWOOD
PARK, CHICAGO, ILL.

PUBLISHED BY

ORVIL L. KIGER,

BRIGHTON,

IOWA,

U. S. A.

25c a Year

5c a Copy

5 Years for 60c

Dagle's-Buff-Rocks

STOCK FOR SALE! STOCK FOR SALE!

Have a good show record, have been line bred for years and are equal to any strain to be found, east or west. We have some large cockerels and pullets that are high exhibition quality, no matter what wanted, can fit you out on short notice. We always have some birds ready in condition to show. If you want a breeding pen mated in line to produce exhibition stock, we have it for you. If you want birds that will win for you, call on us, state just what you want, the price will be right. We have shipped stock and eggs to all parts of the U. S. and Canada. We guarantee satisfaction, hundreds of letters from satisfied customers.

STOCK FOR SALE! STOCK FOR SALE!

OAK HILL POULTRY FARM

Joseph Dagle, Prop. ::= Richland, Iowa

Pullets Pullets

S. C. WHITE ORPINGTONS and RED SUSSEX FOWL

Don't worry if the poor season has caught you with a shortage of pullets. Chicks are prices thick as flies. We have a hundred pens ready for delivery, and not a pair laid in the lot. All chicks hatched from mature fowls, irapanned, and no hens used in breeding that have not done better than 175. Choice selected pullets from hens with individual records from 201 to 242, at prices you can afford to pay.

Our WHITE ORPINGTONS are the greatest layers in this country. Birds of great strength and wonderful stamina, strong heritage, prolific layers, whose chicks simply raise themselves. We raise 95 chicks out of a hundred simply because our hens impart the necessary strength to their progeny to enable them to weather the storm. Records up to 242 have been attained. A White Orpington hen gave us 443 eggs in two seasons, 21 to be more exact a few days lacking 23 months from the time she started laying, when she went into her second moult. We have a hen hatched in April, 1908, that has laid us over 700 eggs, and she has not forgotten how to lay yet.

A cockerel from this strain will introduce 50 per cent laying blood into your entire flock, and just one bird, but every chick you raise. If you cannot bring out that correct curve in the back, get a cockerel from a strain where the tail angle has been bred out years ago.

THE RED SUSSEX FOWL is the prettiest of all reds. A black, glossy, soft mahogany. Seven pound hens and ten pound cocks. Beautiful red eyes and pink feet, dark more stylish than the R. I. Reds, and not as common. Prize winning stock fit our ears for ribbons. Four firsts, three seconds, one third at Chicago Dec. 1911; and four firsts, three seconds, two thirds and one fourth at Indianapolis, Jan. 1912. Our "Imperial Chief" is considered to be the finest Red Cocker Bird in this country.

ELMER F. HAAG, -- Norwood Park, Chicago

Poulterer to His Majesty The American Citizen

SPECIAL TO READERS OF KIGER'S POULTRY JOURNAL ONLY SPECIAL

BIG

Mid-Summer Special Offers in Fancy Pigeons

I am overstocked on the following Birds and in order to move them quickly, I quote the following prices. All birds are healthy and mated from my best stock. This offer is for this month ONLY, so act quickly:

Pair Blue Pouters--\$3 Pair White Fantails--\$2 Pair White Pouters or Pair Red Jacobins--\$2.50
Pair Black Tumblers--\$1.50 Pair Trumpeters--\$3 Homers--Special at \$1 pair

These birds are Worth Double and I guarantee satisfaction or MONEY BACK. Remember these are SPECIAL Prices to readers of KIGER'S Journal, and in order to purchase at these prices you must mention KIGER'S POULTRY JOURNAL.

Karl J. Ingledue, :- :- **Marshalltown, Iowa**

Breeder and Shipper of High Class Fancy Pigeons

Partridge Wyandottes

In the past three years our birds have won as follows: Sioux Falls, S. D., 1st Ckl.; Packwood, Iowa, 1 Cock, 1 Ckl., 1 Hen, 1 Pull., 1 Pen; Richland, Iowa, 1 Cock, 1 Ckl., 1 Hen, 1 Pull., 1 Pen; Hedrick, Iowa, 1 Cock, 1 Ckl., 1 Hen, 1 Pull., 1 Pen. Our birds have won seven silver cups in straight competition. We will have five pens mated this season and will offer eggs at \$2.00, \$3.00 and \$4.00 per setting of 15 eggs. We guarantee satisfaction. Order direct from this ad—or write. Some fine cockerels yet for sale, \$1.50 to \$6.00 each.

Hallowell & Fearis,

Richland, Iowa

White Plymouth Rocks

CLOVER LEAF STOCK AND POULTRY FARM

We are offering eggs for hatching from five mated pens and a range flock. The birds in our pens are of highest order and all large, good shaped birds and all pure white with neat combs and red eyes and bright yellow legs. Eggs from these pens from \$2.50 to \$3.00 per 15 eggs; \$10.00 per 100. Satisfaction guaranteed. Our range flock are good birds, all scoring above 90 points. We offer eggs from this flock at \$1.25 per 15 eggs or 100 eggs \$4.00. You may order direct from this advertisement or send for our 1912 mating list. You can pay several times as much for eggs elsewhere and get no better quality than we will give you. Remember we are responsible and we guarantee satisfaction.

Mrs. E. S. Wolcott,

:-

R. F. D., Richland, Iowa

SINGLE COMB WHITE ORPINGTONS

A limited number of standard bred stock will be offered this fall. Both young and old. Trios for \$5.00. Better ones a little more. Write me your wants. All stock strong and vigorous; excellent color and shape.

Preston Polhemus,

:

Osceola, Indiana

Dagle's-Buff-Rocks

STOCK FOR SALE! STOCK FOR SALE!

have a good show record, have been line bred for years and are equal to any strain to be found, east or west. We have some large cockerels and pullets that are high exhibition quality, no matter what wanted, can fit you out on short notice. We always have some birds ready in condition to show. If you want a breeding pen mated in line to produce exhibition stock, we have it for you. If you want birds that will win for you, call on us, state just what you want, the price will be right. We have shipped stock and eggs to all parts of the U. S. and Canada. We guarantee satisfaction, hundreds of letters from satisfied customers.

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OAK HILL POULTRY FARM

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S. C. WHITE ORPINGTONS and RED SUSSEX FOWL

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Don't worry if the poor season has caught you with a shortage of pullets. Chicks here are as thick as flies. We have a hundred pens ready for delivery, and not a poor bird in the lot. All chicks hatched from mature fowls, trapnested, and no hens used for breeding that have not done better than 175. Choice selected pullets from hens with individual records from 201 to 242, at prices you can afford to pay.

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A cockerel from this strain will introduce 50 per cent laying blood into your entire flock, not just one bird, but every chick you raise. If you cannot bring out that correct curve in the back, get a cockerel from a strain where the tail angle has been bred out years ago.

THE RED SUSSEX FOWL is the prettiest of all reds. A dark, glossy, soft mahogany. Seven pound hens and ten pound cocks. Beautiful red eyes and pink feet. Much more stylish than the R. I. Reds, and not as common. Prize winning stock if you care for ribbons. Four firsts, three seconds, one third at Chicago Dec. 1911; and four firsts, three seconds, two thirds and one fourth at Indianapolis, Jan. 1912. Our "Chippewa Chief" is conceded to be the finest Red Cock Bird in this country.

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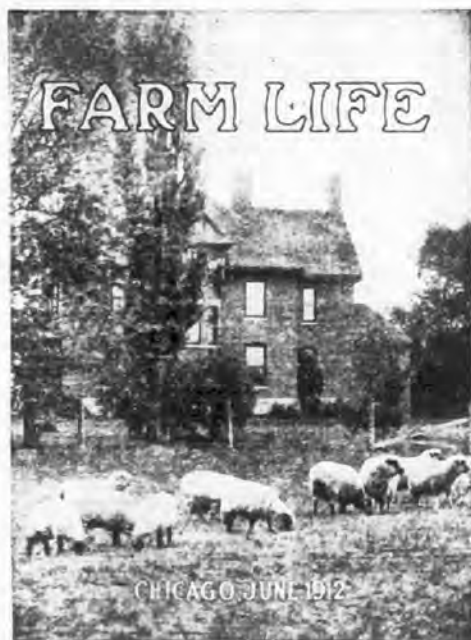
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DAISY PATTERN---A Rogers Pattern made of the highest grade Solid Nickel Silver Metal and will outwear any silver plated Spoon ever made. They will not corrode, tarnish or change color and will last a lifetime. They are a beautiful embossed pattern the bright finish, and each spoon is stamped with the Rogers name and trade mark.

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This illustration shows the actual size of holes that may be cut with the leather punch blade.



Farmer's Wonder Knife

The illustration shows slightly reduced size of the knife. Besides the large blade, which is two and three-fourths inches long, this knife has a smaller punch and reamer blade, and cuts holes exactly as shown in the illustration. Both blades are of the finest tempered tool steel, finely ground and polished. You have paid \$1.00 or \$1.50 for a knife not half as good as this. Special care is taken to make the knife sufficiently strong for use of farmers, fruit growers, poultrymen, and stockmen. Send us four one year subscriptions at 25 cents each or two five year subscriptions at 60 cents each or a ten year subscription at \$1.00 and we will send you the knife postpaid.

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KIGER'S POULTRY JOURNAL,

BRIGHTON, IOWA

Kiger's Poultry Journal

BIG COLLECTOR'S DEPARTMENT

IN PLAIN ENGLISH FOR BEGINNERS AND WIDE AWAKE FANCIERS AND COLLECTORS

VOL. 1

SEPTEMBER, 1912

NO. 5

Why So Many Failures?

By ELMER F. HAAG

To any one in any way connected with the various branches of the poultry industry, the buying and selling of appliances, stock or eggs, advertising, publishing, etc., which enable him to come in close contact with beginners, it is quite apparent that there is a grave misapprehension of the poultry business in general.

Too many are led to believe that it is all milk and honey and clear sailing. Glaring advertisements, fantastic claims, misleading books, extravagant prices for stock and eggs, all tend to arouse a sort of "get-rich-quick" fever in the reader's or observer's mind which sooner or later develop into appendicitis and as soon as the appendix is removed the convalescent slowly and wisely opens his eyes. It's merely a case of exchanging money (evenly) for experience, and the experience usually is a costly one.

All this is indirectly a detriment to the poultry business. The moment we win over a new recruit under false pretenses, we give our beloved industry just one more black eye, and this disappointed would-be poultryman will spread his experience amongst his friends so that we lose a number of enthusiastic poultry raisers, all of whom would have met with a reasonable degree of success had they been given sane and sane ideas to work upon in the first place.

Whether poultry will pay need not be treated upon. That it will pay, we know. Anything will pay if managed properly, providing the person running it will allow himself the necessary time to master it. That it will pay the profits beginners are sometimes led to believe it will, is, however, not true.

He reads about fabulous prices obtained by big prominent breeders, and he immediately begins to imagine himself on the same plane. He pays a big stiff price for a pen, then proceeds to raise duplicates at (of course) duplicate prices; the imagined result two or three hundred dollars per year profit from a pen of birds. This modern Denny Dreamer does not know how many hard seasons the big breeder weathered before he learned the poultry game, nor how many culls he produced before he got out

the type that now bring him the prices he demands. And that he demanded these prices for quite some time before the public would pay them, during which he spent a lot of money to get before the public.

But he argues, why not? Each hen will lay 200 eggs a year, the incubator catalogue assures him of a 90 per cent hatch, and the chicks, well the brooder will raise 80 per cent of them. That's 575 chicks for the year. His mating runs 66 per cent pullets because the breeder told him so, hence he raises 380 pullets out of his four hens. It is plain to be seen that two or three hundred dollars profit is a very modest estimate of what can be done the first year, if one will only lay out his plans on paper before hand.

Reader, the above is only a fair example of what can be done with a pencil and paper by an enthusiastic chicken crank who has thus far raised chickens only in his mind. This talk about counting the chicks before they are hatched is mild compared to counting the profits before ever engaging in chicken farming. But this is just exactly what is being done every day. You can hear it on the train, 'tween acts at the nickel show, in church, in the restaurant, on the street, in fact any place where two people can get their heads together.

For the sake of figuring we might concede that you were fortunate in securing four hens that will lay 200 eggs each; you might even be able to duplicate the results mentioned in the foregoing paragraph; you might even be able to market this vast amount of chicken flesh at advantageous prices; but have you thought of the amount of money it would take to house this immense flock of chickens, and the food it would take to raise them, say nothing about the work?

On the other hand selling the eggs when they are high and incubating them when they are cheap would be a more sensible way, but all this requires knowledge.

Of course the above figures are a myth, far from the actual results obtained by even an experienced poultryman, and entirely foreign from what a beginner would achieve

the first season.

Yet the novice frequently has these supposed facts figured out to a nicety, but loses track entirely of the practical side of the business, that which involves work and knowledge, (which latter can be the better gained by experience) viz: the handling of chickens. To raise them on paper and in reality are two different things, hence when he starts out with a 20 per cent hatch and only raised 40 per cent of them, his glorious earnings (on paper) dwindle correspondingly.

Then, too, he is fooled by these big \$50 and \$100 birds. His expensive pen does not breed true as he thought it would. His prize chicks, which he staked his future on, turn out largely culls from an exhibition standpoint, when viewed by a learned judge, and he imagines he has been deceived.

It is all because he was misinformed in the first place. Had he been told that if he gets a few choice birds out of his pen, he will get his money's worth, and as much as anybody else is getting, and that it is only by experimenting and careful grading that he can hope to produce more perfect specimens, he too would have been satisfied.

What the poultry business lacks right now more than anything else is good sound books for people to read who do not yet keep chickens. A book that will set them right in the first place, and then cover the various branches of poultry keeping,—incubation, brooding, raising chicks, and the handling of breeders. Most books now on the market have a glaring title and are written primarily to sell. The unfortunate feature of it is that those who really are successful and whose advice would be eagerly sought, are reluctant to part with their information, or are incapable of putting it into print form.

It is only a person who has reared chicks

for any length of time that can appreciate the advantage of being able to raise a good per cent of the chicks that hatch, and that means during a bad season as well as when things are ordinarily favorable. Apart from poor management and various minor causes, the inability to keep chicks on their feet is perhaps responsible for more failures than all other causes combined, and yet it is surprising what a low average of chicks are raised on some of our most successful plants. One can stand even poor hatches, but when your chicks will not live you are doomed. This very item can double or cut in half your profit. It is a thing you can not learn too much about, and is the one subject that worries the small breeder as well as the man who raises them by the thousands. The writer was surprised to learn from the mouth of the manager of one of our largest plants that they hatch less than 60 per cent of all fertile eggs, and raised to broiler age or larger less than 40 per cent of all chicks that hatch.

Imagine if you can how much the profit of this plant could be increased if the hatching percentage were made to average even 70 per cent and the percentage of chicks raised increased to 90 per cent where it ought to be. The size of this particular plant would enable them to pay a man \$2,500 a year, who could put these results into play, and then return a handsome profit on the investment.

Knowing how to care for breeders, in order to secure the greatest number of fertile, hatchable eggs,—hatching the greatest possible percentage of them,—and finally raising every livable chick,—are the three important factors in poultry work. The profits, whether you are merely commercial farming or raising show birds, will come just as surely as night follows day. Master them and your success is assured.

A New Book on Leghorns

Advertisement

What is perhaps the most complete text book on this popular breed that has yet been issued is one entitled "The Leghorns," treating of Standard and Non-Standard varieties, published by the Reliable Poultry Journal Pub. Co., Quincy, Ill.

This new book was edited by J. H. Dreyenstedt, breeder and judge of more than twenty-five years experience, and a member of the Standard Revision Committee. It is based upon the requirements of Leghorns given in the latest issue of The American Standard of Perfection. Contributors to the book include the foremost poultrymen of America and Europe.

The book consists of 144 pages and cover, tells how to select and mate for the breeding pen; how to judge Leghorns for the

show room; how to breed for heavy egg yield and fast growth. Some of the commercial Leghorn egg farms are described and in fact the articles cover all subjects that are of interest to breeders of this fowl.

The many valuable and helpful illustrations in the book are by Artists F. L. Sewell and A. O. Schilling, among them being two full page productions of Sewell oil paintings, showing White Leghorn fowls and Brown Leghorn feathers in natural colors.

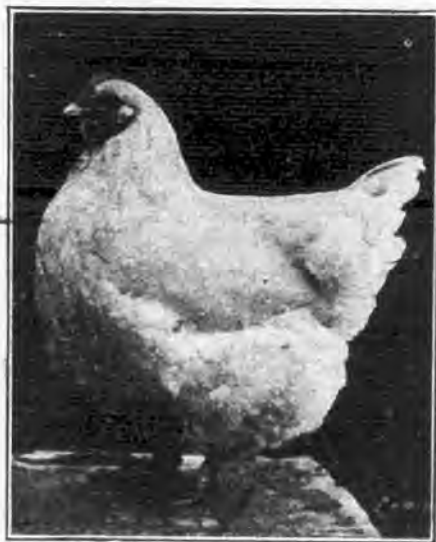
Price of "The Leghorns" is \$1.00 a copy—postpaid, and we can handle your order. We will send you the book and include a yearly subscription to Kiger's Poultry Journal at a special rate of \$1.10; or the book will be mailed as a premium for eight subscriptions.

Origin and History of the Orpingtons

By PERCY A. COOK

Why were the Orpingtons originated and by whom? is an often asked question. The idea of making these birds came to Mr. Wm. Cook, because he saw that a better fowl, one that would be more useful, was required. This was back in 1876, and it was in that year that he started to make a bird that would lay more eggs in a year than any other bird, especially in the winter months when eggs were scarce, and a bird that would be immune from climatic changes, heavier than other birds with plenty of meat for table purposes, but of a fine quality, and still a bird that was handsome in appearance. He was successful in every detail, as time has proved. He did not know at the beginning what name to call them, but did know what qualities they must possess. He finally decided to name them after the town of Orpington, in England, where he lived. Many people wonder where the name came from. When the Black Orpington came out, which was the first Orpington, then the White, it was amusing to hear the comments from a few who were the jealous ones, saying it was wrong that another bird should be called the Orpington. They might just as well have objected to there being more than one variety of Rock, Leghorn, Wyandotte, etc. But they knew from the success that attended the introduction of the Black Orpington that any bird that Mr. Cook produced would immediately become popular, and such was the case. I will now describe how they were made, and also give a little advice to those who think of making a new breed or variety. Some people cross two breeds and because the progeny or some of them look real pretty they think they have a new breed and sometimes announce this fact, with the result in a year it is forgotten. It takes years of breeding to establish a breed that will breed true enough to please the public, and this is an expensive business, because there are so many birds that are bred at first which cannot be used only for market purposes, and even after the bird is made, there is a lot of money that has to be spent in advertising it, as one has to advertise in the poultry papers to make sales, and one must make sales in order to show the merit of the birds. I simply mention the above as a little advice for often the persons who go in for this new breed making are people who have just started into the poultry business and have not much money, and if they start this breed making they will soon have less. I write from my own observation, and I know of quite a number of failures simply through this.

The name being taken from the town and also Mr. Cook's house, which was named Orpington House, being the manor house of that district and four hundred and fifty years old. The start of making the Black Orpington was in 1876, the word black does not do them credit, as they are a beautiful beetle green which must be seen to be appreciated. At this time Mr. Cook had over three thousand pure bred fowls. He noticed that the Barred Plymouth Rocks often bred black fowls, these of course being sports. These he found layed about forty or more eggs per year than the Barred Rocks, so he decided to use these as one of the breeds to cross, they also started to lay six weeks earlier and were very hardy. Black Minorcas were the next birds select-



ONE OF D. O. FRIEND'S PRIZE WINNING WHITE ORPINGTON HENS.

ed, they layed very large eggs and their flesh was very white and tender; Mr. Cook selected cocks of this breed and mated them to pullets of the Black Rocks. The Langshan at that time was the best winter layer, of a large brown egg, they were short on the leg and their flesh was of a very fine grain. Pullets produced from the two first breeds mentioned were mated to the Langshan cocks. It took nine years careful breeding to obliterate the feathered legs of the Langshan, do away with the large comb, white ear lobes and light body of the Minorca, and the yellow legs and beak of the Rock. It was in 1886 when they were first made public. They immediately took the lead as the greatest utility fowl, which they

Now for the Orpington of the Orpingtons,

still hold. The demand for the Blacks is now tremendous and ever on the increase. I consider them the most handsome fowl in the world. They run a little larger than the other Orpingtons, they have lots of very fine juicy meat, lay a large brown egg and plenty of them, are immune from climatic changes. Then there is a Rose Comb Black Orpington which was brought out at the same time, but the Rose Comb Orpingtons have never become as popular as the single comb, although they are as good. Before the Black Orpingtons were out Mr. Cook was working on the production of the White Orpington. He started work on these in 1880 after several years in experimenting to find out the best way to produce white birds. He started in by mating White Leghorn cocks with Black Hamburg pullets; most of the pullets from this cross came very white. These were mated to White Dorking cocks. Many of the offspring now came blue and barred, and it took many years to get the perfect white bird, and to do away with the five toes of the Dorking, white ear lobes of the Leghorn and Hamburg, also the yellow legs and light body of the Leghorn, but this was accomplished by 1889, when they were produced to the public. They immediately became very popular. They possess the same good qualities as the Blacks. In making the Rose Comb White Orpington the R. C. Dorking was used. Even before the Black Orpington was out in public Mr. Cook was working on a third bird, perhaps the most popular of them all, the Buff Orpington. Work was started on them in 1885. At that time the Buff color was a very popular one in England and he knew if an Orpington of this color could be made, that it would be an assured success. Mr. Cook had his ideal thought out before he started in as he always did, and worked until he arrived at it. In 1885 he started in by mating Golden Spangled Hamburg cocks with Colored Dorking hens of good size, (the Colored Dorking is also known as the Dark Dorking.) many pullets from this cross came of a reddish brown color, these were mated to Buff Cochins cocks, which came from the best laying strains that then existed in this breed. Hamburgs were selected because they laid more eggs than any other bird then in existence, also because of their very fine shape. The Dorking was used to get the length of breast bone and fine quality of meat. This bird had always been considered the best for table purposes, and when crossed with the Hamburg made marvelous layers. Cochins were used for their size and also for their good winter laying qualities. When one stops to consider what had to be done to produce the Buff Orpington, Mr. Cook's patience and perseverance can be well appreciated. The Hamburg had blue legs, white ear lobes and black tail; Dork-

ing had black tail, and five toes on each foot; Cochins had yellow legs with an abundance of feathers on same, and yet the perfect Buff Orpington has white legs free from feathers, red ear lobes and buff color throughout. It was at the Dairy show in England that Mr. Cook first presented the Buff Orpington to the public. At that time he had nearly 2,000 first class specimens. In the history of poultrydom the advance of the Buff Orpington stands absolutely alone. There is a R. C. Buff Orpington as well. The Diamond Jubilee Orpingtons were brought out in 1897 and at a suggestion from a friend were called this name, as it was the Queen's Diamond Jubilee. They were made by mating the same breeds together as in the Buff Orpingtons only the Speckled Dorking was used last instead of the Dark Dorking. In appearance they have the same shape as the other Orpingtons, although their color is quite unique. It is composed of three colors, the ground or main color being a rich reddish brown, then a black bar which is usually a beetle green and then tipped with white. The idea is more or less to represent the red, white and blue. The neck and saddle hackles are the prettiest ever seen in a fowl, a beautiful deep golden with a thin black stripe in the center and tipped with small black and white bars. The Spangled Orpington was produced by Mr. Cook after eight years work on them, by mating Dark Dorking cocks to Barred Plymouth Rock hens, the pullets from these were mated to Silver Spangled Hamburg cocks. The last Orpington is the Blue, which will become quite popular. Mr. Cook was working on these at the time of his death eight years ago, and we dropped them for a few years, but my firm in England and myself over there have been working on them for the past several years, and they are now placed before the public. They are a light slate colored blue with feathers laced with a much darker shade, and possess the same good qualities as the other Orpingtons. One of the many advantages of the Orpington breed is that of the excellent selection one has to color, one variety of them is just as good as the other. They are the greatest utility fowl in the world and lay better than any other breed as proved by them leading in all the different laying contests, and also the many they have won all over the world. A cold spell of weather does not stop them laying as in other birds. They are very hardy, start to lay at five months old and keep right at it all through the winter. They are also the highest priced bird. Orpingtons sell at much higher prices than other birds and the demand for good birds is greater than the supply. This is why it is so much easier to make money out of Orpingtons, than any other breed. A short rhyme explains the whole situation in two lines:

"No wonder Orpingtons are in such favor,
The largest income from the smallest labor."

The birds are a general purpose bird,
make good mothers, very tame, and just as

profitable as an egg machine as for the
broiler business or selling roosters, they
cannot be put in the wrong place; soil and
climate is immaterial to them.

PERCY A. COOK.

Weaning the Young Chicks

By LYNN C. TOWNSEND

By the time the chicks are old enough to leave the old hen or the brooders, the most critical time of their lives has passed. However, a great deal of care must yet be given them for they will form the basis of your business for the next season. During the hatching season, it should be realized that all efforts should be made to raise the chicks successfully for a few well cared for chicks may turn failure into success.

If possible, give the growing chicks free range. This will prove of more benefit to them, than all of the developing foods between New York and Shanghai. Free range is an indispensable element in the young chick's life and should be supplied by all means.

Many poultry raisers are so situated that they cannot spare much space. If such is the case, alternate the yards, sowing rape or some other quickly growing green foods. Where only small yards can be given them, make a practice each day of throwing in lawn clippings. These clippings, when stored away in some dry place, will come in very handy in the winter.

There are many enemies to the growing stock, but perhaps the worst ones are foxes and rats. These animals, particularly the foxes, work so slyly that sometimes it is almost impossible to detect the intruder. In sections where foxes are very plentiful, fox hunts should be organized. Go after them with the idea of exterminating them and you will certainly destroy a great many.

Rats are hard to deal with because they work in the night to a great extent. A pair of ferrets, a fox terrier and a plentiful supply of "rat biscuit" will soon stop the inroads of these pests. The ideal location for growing chicks is in a cornfield or in the woods. There are dangers in either place for crows and hawks are to be figured on. Wherever the location, it should be fenced securely, a finer mesh being used at the bottom than at the top. Never use any rail at the top of your fences. It might make the yard more attractive to use a wire rail at the top, but it will also provide a landing place for amateur aviators. This is a bad habit, which if never acquired, will

never be hard to break.

Chicks cannot be reared successfully unless well fed. Do not stint the feed or you will surely lose in the end. Keep feed before them all of the time and do not forget the charcoal, grit and fresh water. Shade is a great factor in the poultryman's calendar. It is necessary for the birds and will also prove a source of income. During the hot summer months, how the chickens do enjoy the shade and moist earth. On the very hot days, change the water two or three times during the day. It will be greatly appreciated, I am sure. It might be well to mention the fact that grapes and berries can be grown in the chick runs if they are trained up high out of reach.

Feeds are easily soured at this time and should be correctly cared for. Beef scraps especially are easily "tainted" and any such foods should be buried at once. Always feed the best grade of feeds and the difference will more than be repaid.

As soon as the sex can be distinguished the cockerels should be separated from the pullets, the cockerels being kept by themselves. The best ones should be kept as breeders, but all others should be sent to the fattening pens and marketed as soon as possible. This requires careful culling, and to be able to pick out the best specimens, you should have a "Standard of Perfection," a copy of which can be had from this paper, postpaid, at the standard price, one dollar and a half.

Before the frosty fall nights come on, the pullets should be taught to roost in the laying houses where they are to be wintered. Be sure to get them in the houses early, so as to be in shape before winter sets in. I remove all young stock from the colony houses at least by November first.

Do not think that the young birds can skiff for themselves. They may do it after a fashion, but it will prove to be a money losing venture. Remember that all the care possible should be given the young stock during the summer and early fall months, for unless they develop now as they should, success will be in the dim and distant future.

(Big Clubbing Offer---Continued from Page 7)

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(Continued on next page.)

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A HAY FIELD IN THE UPPER PENINSULA OF MICHIGAN.

Preparing for the Coming Season

By Mrs. L. H. Padelford

September is a busy month for us, as we prepare our breeding pens for the coming season in this month. Some of our pullets commenced laying the first of August when they were just five months old, but we changed them to different pens, and soon broke them up, but now they have started in again, so we will prepare our colony houses, and economy coops we intend to house them in for the winter. By removing much of the soil and giving the ground a good coat of air-slacked lime, fresh soil and plenty of sand, cleansing coops thoroughly, by washing in strong salt water and spraying them with kerosene emulsion, which insures us that our birds after being powdered with a good insect powder, and placed in these coops, will be in first class shape for the winter. And the first of October when the price on eggs begins to soar up, our pullets will be ready for business. I tried this plan last year on one pen and

found that it paid me well to keep them back. For the birds were in much better shape, and by the first of December when we had them scored that pen discounted the rest, in every way. Of course we took great pains in selecting that pen, as to shape, eyes and plumage, but there was very little difference in their size, but by the time we had them scored they were from one and a half to two pounds heavier, and their eggs were fully developed. So this year I shall treat all my pullets likewise; and as I only raised early birds I will soon be getting a

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With intelligence if you expect good results. You must know the necessary ratio of food values. "21 BALANCED RATIONS FOR THE LAYING HEN" tells you how to feed to get good results and gives you 21 feeding rations of proven quality in condensed form. This leaflet is a complete chart of successful feeding and no progressive poultrymen should be without it. I will send a copy of these rations to any reader of "Kiger's" for 10c, stamps or silver. Write me today. L. C. TOWNSEND, Bx. KP, Weedsport, N. Y.

fine lot of eggs.

Our daughter has a pen of late hatched pullets which she is experimenting on with my help, to see if we can bring them up to standard weight by the time they are eight months old. If she can, I will then be convinced late hatches are all right. But unless they can be made to weigh seven pounds at eight months or one can raise most of the food at the present high prices, I don't consider they pay. And I shall try to prepare myself to raise more early birds next year. Then, too, if I have my hatching done early I am ready for our customers, the most of whom think April and May, plenty early enough for them. And this year I sold a number of settings in August, to those who wanted to get in at low prices, and raise a few chicks to get a start from. And they will get some good layers and good shapes for next spring. But it will take them at least two years to get the size. But I did the same thing once, wishing to get eggs from an extra fine pen, waited till they had reduced their prices the middle of May, only to find a number of orders ahead, and I did not get mine till June, and while they grew fast and matured early I regretted I had not got them in March, at their regular prices, instead of waiting two years to win out. But there is nothing like experience, and I have learned many things this year that I expect to profit by next, and if it proves a success will pass it along.

Crowding the Growing Stock

call attention to the need of protection to the growing stock.

In the earlier months it was common to have 25, 30, 50 or 100 in a coop or brooder together. Those accommodations were ample then, but as they have grown older they have become larger and throw off more heat and require more fresh air.—They need to be protected from over-crowding.

Since each bird throws off more heat than when smaller there is a tendency to over-heating. This high temperature causes them to sweat, then, when they get out early in the morning and run around in the wet grass they are apt to take cold. A bad cold in the summer time is as bad for a chicken as a grown up man and all are agreed that it is most distressing.

Also at this age they require more oxygen and if the supply is the same as in their younger days it is altogether insufficient. Did you ever sleep in a close, stuffy room on a hot night? How did you feel in the morning? Your growing stock if crowded without plenty of fresh air are sure to be weakened in their vitality. When vitality is weakened their power to resist disease is lowered and they are liable to sicken and die.

A few months ago we wrote concerning the growing of young chicks and at that time called attention to the need of protecting them at all points. Now we wish to

This matter is important this time of the year when the mornings are beginning to get cool. The cold will not hurt them if proper space and fresh air are supplied but if they sally forth these cool mornings at daylight after spending the night in a sweat box you will find a tendency to running at the nostrils which indicates an irritated condition of the air passages. Old Mr. Roup may be your next caller. Believe me, the best way to cure roup is to begin a little ahead of the disease by careful protection against colds.

In politics we are not over zealous or radical, but in care of poultry we are ardent protectionists.

PRESTON POLHEMUS.

Osceola, Indiana.

Dagle's Department

By JUDGE JOSEPH DAGLE



JUDGE JOSEPH DAGLE

Licensed by the American Poultry Association as a Judge of all Standard Breeds and Varieties of Fowls. Born and raised in the state of Virginia and a breeder of Standard Bred Fowls for twenty-six years. Judge Dagle has charge of this department and will be pleased to hear from any of our readers at any time.

A Deep Question

We received a letter a few days ago from a secretary of a poultry association, stating that the association would pay premiums on mated pens of both cockerel line and pullet line bred Barred Plymouth Rocks, and he asks the question: How shall we go about it to frame a set of rules to govern entries and awards?

The American Poultry Association have a committee at work on a set of standard show rules, but these rules will not be ready for use this season, and while we have a set of show rules now in force, these rules do not answer the above questions, so we offer the following:

The association should continue to offer the usual prizes on Barred Plymouth Rocks as heretofore, and let the following set of rules govern the entries and awards in the mated breeding pens:

Announcement and Rules.

Aside from the regular premiums as above offered the association will offer prizes on "mated" breeding pens in both cockerel matings and pullet matings, as follows:

- 1st prize, 40 per cent of the entry money.
- 2d prize, 20 per cent of the entry money.
- 3d prize, 10 per cent of the entry money.
- 4th prize, ribbon.
- 5th prize, ribbon.

An entry fee of \$2.00 for each pen will be charged. Pens to consist of not less than one male and four females, and not more than one male and ten females.

We suggest, one male and six females, shown in a coop two feet wide and 30 inches high and six feet long.

Birds competing in their classes cannot compete in the regular (or open) classes.

Pullet line mating will compete together. These will be known as "mated" breeding pens, and will be judged by comparison.

The above rules should be understood by all exhibitors, and for the benefit of those who are less acquainted with the two different lines of Barred Rocks it might be well to state that in producing standard colored cockerels we are obliged to use females as breeders that are altogether too dark in color for exhibition birds, and on the other hand in order to produce pullets that are of standard color, we are obliged to use a male bird as a breeder that is altogether too light in color for an exhibition bird.

And again, a male bird that would produce standard colored cockerels would be a little darker than standard color.

The females that are to be used as breeders to produce standard colored females should be as near standard color as possible—if anything, a very little darker than standard.

In selecting a male bird to mate for cock-

erels, let him be of regular barring, and the barring just as distinct as possible, and somewhat darker than standard color. Above all things this bird should be extra good in shape, and vigorous. He should be as near standard weight as possible (look out for crooked toes or any approach to a disqualification.) The females should be evenly barred, the barring to be as distinct as possible and black in color, birds extra good in shape and active, legs, toes, beaks as free from dark as possible; females as near alike as possible always. (Look out for any approach to a disqualification.)

Birds barred to the skin, and distinct, are best for breeders.

In selecting a male to mate for standard colored females a bird of good size is of much importance, but we must also select a bird extra good in shape. It will be impossible to find a bird barred to the skin that would be light enough in color to produce exhibition pullets, but we should select a bird that has very distinct barring, and free from brass or brownish color. The comb should be small and well set on head, beak, legs and toes should be deep yellow, eyes deep red. This bird should be very active and vigorous.

Select standard colored females of good size and shape, and very active. Over fat birds should be avoided. Birds near of a size and style should make up a pen.

Females should be uniform in color, whatever the shade may be.

Success and Failure

Why not apply as much business fact when chickens are in consideration as we would in any other pursuit? Some beginners do, but the majority of novices do not.

We met a gentleman a short time ago who had invested thousands of dollars in a poultry plant and stock this past year. He said that so far he had made a failure. When we asked him if he knew how he had failed, he said, "Not for sure." He went on to explain that he had raised chickens all of his life on a small scale, and had made a success with a small flock under less favorable conditions than surrounded the large plant, which is a modern plant.

We asked as to how he went about it to stock up his plant and he said that he bought flocks of one hundred birds of different breeders, here and there, about 1,000 birds all told.

Some were infected with lice and some had bad colds in head, but all were put in one large flock in open front (fresh air) houses. All got badly frosted combs, and very few eggs were layed till late in the spring, and many fowls died from time to time. What few eggs that were layed did not hatch well.

They wanted to raise a large lot of chicks, so they contracted for day old chicks here and there. Shipment was delayed and many chicks were dead when they arrived and the live chicks were weak and would not eat.

The chicks were allowed to run all together in one large flock, upwards of 2,000 of them. A few hen hatched chicks were put in with the new arrivals to teach them to eat and drink. Feed was scattered on the ground in the yard and chicks allowed to run all over it. They were watered twice each day.

They moped around and peeped-peeped for three or four days and began to die by the dozen, till at the time of our conversation but few were left. This gentleman said that he was not discouraged, but that he needed some advice before going ahead.

Now the better way for us to advise will be to point out the mistakes and cite a remedy.

The first mistake was to start out on a large scale without the assistance of some one of experience. It might do to stock up by buying stock from different flocks here and there, provided each flock was of good healthy stock, free from lice, but one small lot was rousy, and spread the disease through the whole flock to some extent. It was a mistake to dump the different lots into one big flock. If each lot had been kept by themselves for a time at least, much of the loss could have been averted.

It was a mistake to house those birds in an open front house in this cold climate. Reason would tell us that they were bound to freeze, and a second thought would tell us that birds with frozen combs can't lay eggs, and hens that don't lay eggs are a dead expense. If these birds had been placed in a good warm house, floors covered with ten inches of good clean straw and all grain scattered in the straw so the birds would have to scratch for all they got to eat, and plenty of fresh water kept before them at all times and a good dust bath furnished, some of the flocks at least would have shelled out the eggs at a good rate.

It is the next thing to impossible to get fertile eggs from fowls kept in large flocks and confined in small yards, because the males will interfere with each other and prevent mating.

It was a mistake to dump all of these chicks into one large flock notwithstanding the fact that they were kept in 100 lots in small brooders at night. They should have been warded off 100 in a lot to start with.

And a great big mistake to put hen hatched chicks in with the incubator hatched chicks as the hen hatched chicks were sure to be lousy in a few days time and the entire lot would be infected with lice. No wonder the weaker ones stood around and "peeped and peeped" till the stronger ones

tumbled them over, and too weak to get onto their feet again they layed there and died.

And again, feed never should be allowed to lay around underfoot in the yards. Scatter the feed in clover leaves and make them scratch for it after four days old.

Cool, clean water, should be kept before the chicks at all times.

Who, after running a peanut stand for ten years would jump in and attempt to run a large general store without experienced help? No one. We suggested that this gentleman secure the assistance of an experienced person at once, to strengthen the plant out and get it in proper shape. He answered that he did not think it necessary to go to that expense.

To start on a small scale and build up is the safe way, but if you must start on a large scale secure the services of some one who knows how to start and run a large plant.

In the course of the year you can safely take charge of the plant yourself, if you are an apt student.

The Fair at Newton, Iowa

The quality of poultry at this Fair was extra, as compared to the average Fair.

There were between two and three hundred entries, and the management had the poultry building fitted out with standard exhibition coops, and good liberal premiums were paid together with three large silver cups.

Several birds changed hands at good prices. All were satisfied with the awards, which foretells that they will come again next season.

Mr. Jones, of Poultry World, was on deck soliciting business for his paper, and Mr. Syler, of Poultry Success, was there looking after the interests of his journal.

The Newton Fair Association have started out with the right foot, and we trust that they will keep up the pace.

The Fair at Grinnell, Iowa

Mr. D. A. Hopkins was at the head of the poultry department, and he left nothing undone that would add to the comfort of the poultry on exhibition. Standard coops were furnished and the birds were fed and watered regularly.

The side walls of the poultry building were so constructed that they could be removed in hot weather. This added comfort for both the fowls and the visitors.

Most of the standard varieties were found on exhibition and the quality was good.

The poultry building will accommodate five hundred birds, and we hope to see it filled next season.

Questions and Answers

C. A. N., Missouri, asks:

Is the standard weight of a Cochin hen $9\frac{1}{2}$ pounds? If not, what is the standard weight?

Answer:

The 1910 Standard gives the weight of a Cochin as $9\frac{1}{2}$ pounds, but, the standard should read $8\frac{1}{2}$ pounds for Cochin hens.

L. W., Oregon, asks:

I have been breeding Indian Runner ducks for several years, and always tried to keep the tail color in drakes same as in ducks, according to the 1905 Standard. I now have a copy of the 1910 Standard and it gives the color of tail in drake as bronze green. Why was this change made?

Answer:

The 1910 Standard should read fawn, in drake somewhat darker than in body color. The fawn in head and tail of drakes should be as near the same shade as possible. Read description for head color, in 1910 Standard.

J. H. D., Wisconsin, asks:

Does down between the toes disqualify in Leghorns? I have a fine cockerel that had one leg broken when a chick. He can walk on the leg now, but it is crooked. Will this disqualify him?

Answer:

No, that would not disqualify him, but we would cut him from $\frac{1}{2}$ to 1 point in shape of legs.

Down between the toes of Leghorns disqualifies the bird. Down on any part of legs or toes disqualifies the bird.

Notes

The nomination blank for officers of the Iowa Branch American Poultry Association have been mailed to the members in Iowa, and the same is to be filled out and returned not later than October 3, 1912. We hope to see Judge Shellabarger placed in the president's chair. Iowa has plenty of good timber to select from, but we all know that Judge Shellabarger is a most honest and impartial man.

Why not hold the next meeting of the Iowa Branch American Poultry Association at Oskaloosa, Iowa? We can get a number of new members in that neighborhood if the meeting goes there. And why not hold the meeting January 8, 1913. The Sixth District show will be on in Oskaloosa that week.

Reliable Poultry Journal, Quincy, Illinois, have their new book, "The Leghorns," ready for mailing. The price is \$1.00, postpaid. This is the most complete work on Leg-

horns that we have seen and every breeder should have the book.

Rule "17," that would have wiped editors, writers, etc., out of existence as far as poultry judging was concerned, did not pass, and we trust that it will be several moons before the author of it will give us another "sample."

E. E. Richards, editor of Western Poultry Journal, gave us a good treat, in September number, the A. P. A. history from 1870 to 1912.

The national meeting of the Buff Plymouth Rock Club will be held at Springfield, Illinois, January 6-11, 1913. So far we have not been advised as to who will place the awards in the Buff Rock classes.

The A. P. A. will issue a text book for use in our public schools; this is a step in the right direction.

Pardon us for again reminding you that the poultry industry is yet in its infancy.

Just think of it (August 24, 1912) old hens $12\frac{1}{2}$ cents per pound and spring chickens $17\frac{1}{2}$ cents per pound—right here in Iowa. Is there money made in raising chickens at these prices?

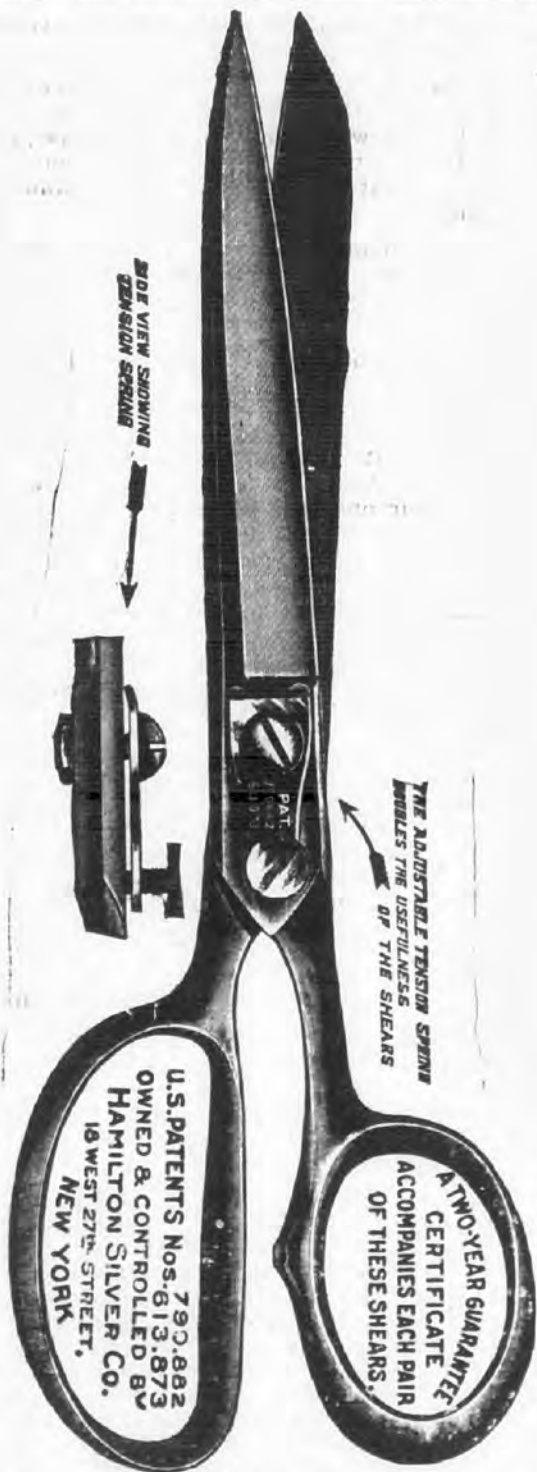
Don't sell the young hens or pullets. Eggs will be worth 50 cents this winter.

Again we must call your attention to the fact that some of the poultry buyers (huxsters) are buying your culls from your standard bred flocks at market prices and then selling them out at 75 cents and \$1.00 per head as fancy breeders. You should see to it that this is stopped. This is not giving the breeders of standard fowls a square deal—and if the practice is continued, we shall set right down on it one of these days.

Don't let some one deceive you by telling you that he has a never failing rule by which he can select the non-layers from the layers in your flock. Such is false. That theory was exploded long ago.

If you are breeding standard bred fowls you can't afford to allow an inexperienced person to cull your flock nor to select birds from your flock. There are people who will lead you to believe that they are competent to do the work, but in fact they are not. No one short of an experienced breeder or judge should be employed to do the culling, mating or scoring.

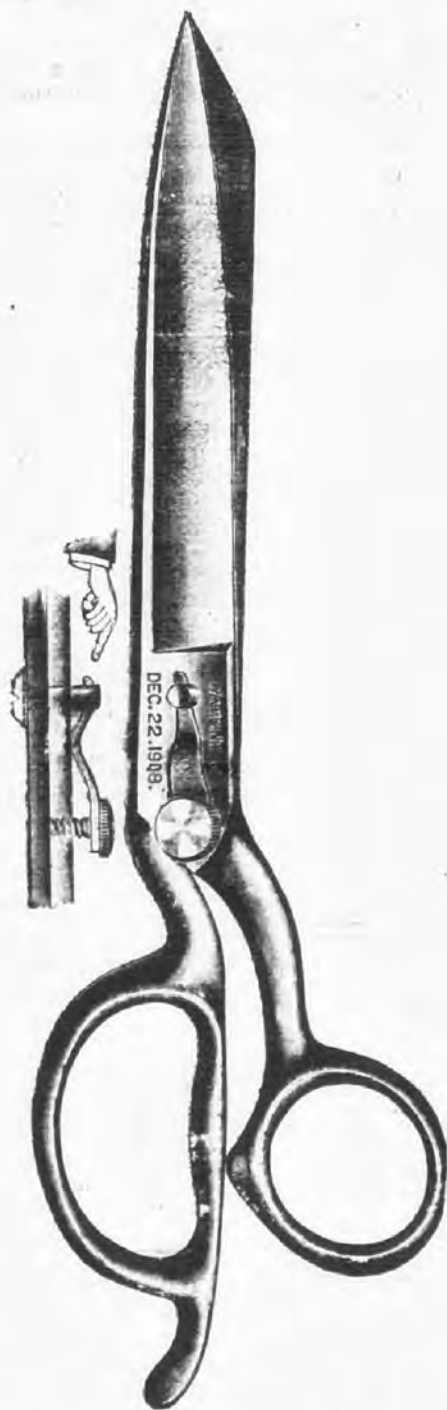
We promised F. D., Missouri, to answer his question regarding the laying out of an acre tract for a fruit and poultry ranch in this number, but it was necessary for us to know the dimensions and the lay of the tract. We were obliged to write him and his answer came too late for us to prepare an article for this issue, and we will run the article in October number without fail.



"Hamilton" Spring Tension Shear

8 inch size, guaranteed two years. Self sharpening. Send us two one year subscriptions at 25 cents each or a five year subscription at 60 cents and we will send you a pair postpaid.

Both new subscriptions and renewals.



Eureka Bent Trimmer Shear

High quality and guaranteed, self-sharpening, 8 inch size. Send us three one year subscriptions at 25 cents each or a one year subscription at 25 cents and a five year subscription at 60c and we send shear postpaid.

KIGER'S POULTRY JOURNAL, BRIGHTON, IOWA

Collector's Department

STAMPS, COINS, CURIOS, ETC.

STAMP NOTES.

It is the summer time, when the philatelic fire may wane somewhat; these intervals of slackness have their value, they are like the unbending of the bow, which is all the better for its temporary release from the tension of the tight spring. Yet even now there are people collecting; in fact, I suppose every collector is always a collector, only in summer time he may give himself a little respite. Foreign correspondence does not seem to have any break, it goes on regardless of the season.

Slack moments and leisure hours may very well be filled in with exchange and the exploration of new fields.

Pairs and blocks are all the go now. Get interested. Start in.

The U. S. Official Sealed are now coming in a violet blue shade rouletted.

Some collectors have great faith in fiscals—which seem to indicate their anticipation of a much wider popularity in this department in time to come.

While rather more expensive than ordinary stamps, the United States revenues are very interesting and certainly deserve more support than they are getting.

The U. S. 1851 30c orange recently sold for \$252.00 at a Philadelphia sale.

Very few of the new U. S. stamps seem to be in use. The old supply is still plenty.

Colonel J. M. T. Partello of the U. S. Army, one of our leading philatelists, has over 100,000 stamps in his collection, and has won over 39 medals as a crack shot.

Be careful when you buy Colonial stamps surcharged for use in the Colonies. They are liable to be surcharged at home, and not with colonial cancellation.

The new Belgium stamps have a very pleasing appearance. We believe the 1c orange, 5c green and 10c carmine have been issued.

Denmark has put forth a 35 ore on 16 gray, blue and brown, and a 35 ore on 20 carmine and slate.

—Philatelic West.



We want several regular contributors to this department. Write for particulars.

Collectors are requested to send us any articles, clippings or items, that they think will be of interest to this department. Send us your subscriptions. Get your friends to subscribe. Help us make our collectors' department big.

PANAMA CANAL COMMEMORATIVES.

Newspapers have reported quite generally that there was to be but one value of the new series. We have received official word from James J. Britt, third assistant postmaster general, that the issue will consist of four denominations. According to our chronicle of September 7 the following will be issued:

- 1c green, Balboa.
- 2c carmine, Gatun Locks.
- 5c blue, Golden Gate.
- 10c—, San Francisco Bay.—Meekel's Weekly.

PARCELS POST.

After January 1, 1913, when the parcels post provided by the last session of congress becomes effective, packages weighing eleven pounds may be sent by mail in the 50-mile zone for 35 cents. The same package sent under the present postal rates would cost \$1.76. An eleven pound package will be delivered in the city or on rural routes for 15 cents. Under the present postal rates would cost \$1.76. There is a saving of 44 cents on an eleven pound package to farthest distant points.

Any article is mailable if not over 11 pounds in weight nor more than 72 inches in length and girth combined, nor likely to injure the mails or postal equipment or employes.

Flat rate of 1 cent per ounce up to 4 ounces regardless of distance.

Above 4 ounces, rates are by the pound or fraction thereof, and varying with distance as follows:

Zone—	First Add'l		
	lb.	lb.	lbs.
R. R. and city delivery.....	\$.05	\$.01	\$.15
50-mile .....	.05	.01	.35
150-mile .....	.06	.04	.46
300-mile .....	.07	.05	.57
600-mile .....	.08	.06	.68
1,000-mile .....	.09	.07	.79
1,400-mile .....	.10	.09	1.00
1,800-mile .....	.11	.10	1.11
Over 1,800 miles .....	.12	.12	1.32

The postmaster general may make provision for indemnity, insurance, and collection on delivery, with additional charges for such service, and may with the consent of the interstate commerce commission after investigation, modify rates, weights and zone distances, when experience has demonstrated the need therefor.



One hundred, all different, foreign postage stamps free, if you send 12 cents for six months' subscription to this paper. If you are already a subscriber you may extend your subscription ahead six months or send the paper to the address of some friend.

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An illustrated leaflet on U. S. Stamped Envelopes.

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NO HOBBY LIKE STAMP COLLECTING

Advertisements

A. J. STOREY, Blantyre, Nyasaland will exchange stamps of Central Africa and colonies. Stanley Gibbons' Basis. Send selections.

LINCOLN "B. V. D." Pennies. Rare. 25 cents each. I buy old issues U. S. bills. A. A. Leve, Box 495, Syracuse, N. Y.

WANTED—Philatelic Literature: The Stamp, Denver, Vol. IV, No. 1; Phil. Gazette, Altoona, Pa., Vol. I No. 1. W. R. King, Grand Island, Neb.

ILLUSTRATED ALBUM, 500 spaces with 250 varieties and 500 hinges, 12 cents; with 500 varieties, 75 cents. Stamps bought; send samples, will quote prices paid. M. Wright, 37 Norton St., Dorchester, Mass.

50 Cents An Inch

1 Cent A Word

BARRED PLYMOUTH ROCKS

E. B. Thompson Ringlet Strain Direct. Stock sired by New York Winners eggs from best cockerel or pullet bred matings at \$2.50 per 15, \$4.50 per 30. Fertility guaranteed. Utility eggs \$6.00 per 100. I guarantee you eight strong chicks from each setting or will duplicate order at one half price.

H. P. LARSON

Woodford, :-:- Wis.

Mention Kiger's Poultry Journal when writing.

Two Hundred Settings of Eggs from Thoroughbred Poultry Will Be

GIVEN AWAY

by the WISCONSIN POULTRYMAN in the Next 60 Days

No money is required, simply give us three hours of your spare time in showing this new poultry journal to your friends. It is an up to-date practical magazine giving the poultry news of the great north west. Regular price 50c per year but to introduce to our friends we are making it 25c this year.

Write us at once for a setting of these eggs. From 14 of the most popular fowls.

Act to-day while the supply lasts.

Wisconsin Poultryman Office

West Salem, :-:- Wis.

Shows to Be Held in Iowa

1912

Nov. 19-20—Villisca. Russell, Judge; J. H. Todd, Secretary.

Nov. 25-26—Chariton. Russell, Judge; F. W. Trart, Secretary.

Dec. 2-7—Muscatine. Shellabarger, Judge J. C. Collins, Secretary.

Dec. 3-4—Keosauqua. Russell, Judge; H. T. Wilkins, Secretary.

Dec. 4-6—Dallas Center. Dagle, Judge; Guy H. Hall, Secretary.

Dec. 10-15—Dubuque. Russell, Judge; Paul Krocheski, Secretary.

Dec. 10-15—Richland. Dagle, Judge; J. W. Hallowell, Secretary.

Dec. 11-17—Sioux City. Elliott, Judge; L. G. Wertz, Secretary.

Dec. 23-27—Fairfield. Rhodes and Thompson, Judges; S. A. Power, Sec.

Dec. 25-28—Prairie City. Shallabarger, Judge; Z. N. Brown, Secretary.

Dec. 26-28—Marshalltown. Russell, Judge. H. C. Hanson, Secretary.

Dec. 30 to 31 and Jan. 1 to 14 — Grinnell. Dagle, Judge; D. A. Hopkins, Sec.

1913.

Jan. 7-10—Oskaloosa. Dagle, Judge; H. A. Snuffin, Secretary.

Jan. 13-18—Cedar Rapids. Russell, Judge. E. D. Monilow, Secretary.

Feb. 4-8—Burlington. Russell and Shellabarger, Judges; W. C. Kurrle, Secretary.

Feb. 11-15—Wapello. Shellabarger, Judge. H. B. Kelley, Secretary.

Secretaries and judges of Iowa shows will please cooperate with us by sending in dates of show, judges, secretaries, names, etc. Such should be addressed to Joseph Dagle, Richland, Iowa.

SNOWFLAKE White Indian Runner Ducks. Your chance to obtain a start of genuine Snowflake strain from the originator. Eggs until December, \$2.50 per setting. Mrs. E. E. Eshbach, Stierm Ave., Indianapolis, Ind.

Virginia Homes

You learn all about Virginia lands, soil, water, climate, resources, products, fruits, berries, mode of cultivation, prices, etc., by reading the Virginia Farmer. Send 10c for three months subscription to DEPT. 59.

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STANDARD
TYPEWRITER
IS
GUARANTEED



THE NEW MODEL NO. 5 ROYAL comes to you with the unconditional guarantee that it will do highest grade work for a longer time at less upkeep expense than machines usually listed at 33 $\frac{1}{3}$ per cent. higher in price.

This Guarantee is Actually Attached to Every NEW MODEL ROYAL Just As You See It in the Illustration

Back of this guarantee are the resources and experience of one of the largest and most important typewriter manufacturing concerns in the world. Do you think we would dare make such a guarantee if we did not know that the ROYAL has the simplicity and durability to outclass any other machine.

NEW MODEL

THE NEW NO. 5 ROYAL (latest model of any typewriter on the market) has two-color ribbon, tabulator, back spacer and all the worth-while features of highest priced machines--yet sells for only \$75.

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Write at once for our handsome 32-page "ROYAL BOOK" and get the facts about the **best typewriter in the world.**

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Don't Sell Your Eggs!

When they are cheap, pack them with my new method, will keep two years... will be as fresh as new laid eggs. No special place required to store them. Cost only 1/2 cent per dozen to pack them. Write me for circular,

MRS. B. F. WILCOXON

Dept. W

Hillsdale, Wyoming

AT L. H. PADELLFORD'S

POPULAR PHILO PLANT AT NEVADA, IOWA

You can get eggs from the very best Single Comb White Orpingtons—sons and daughters of 1st Madison Square winners direct from their originators, Wm. Cook & Sons Scotch Plains, New Jersey. Also fine utility stock of a most wonderful laying strain. All at reasonable prices. Have about 20 pullets and a few cockerels for sale, at living prices.

TURKEY EGGS

M. B. Turkeys, large boned, Fine plumage. Toms weigh 35 lbs.; hens 18 to 20 lbs. Eggs 20 cents each, securely packed and satisfaction guaranteed. Order early.

EDNA STITT.

PEKIN, IND.

Wanted: Old Books

Have you any old books on the Indians, the early history of the West, Archoelgy, the Missouri River Region, the Plains, Reminiscences of Early Days, etc.? If so what do you want for them, cash or exchange?

George J. Remsburg

Potter,

Kansas

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STANDARD
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GUARANTEED



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Don't Sell Your Eggs!

When they are cheap, pack them with my new method, will keep two years... will be as fresh as new laid eggs. No special place required to store them. Cost only 1/2 cent per dozen to pack them. Write me for circular.

MRS. B. F. WILCOXON

Dept. W

Hillsdale, Wyoming

AT L. H. PADELLFORD'S

POPULAR PHILO PLANT AT NEVADA, IOWA

You can get eggs from the very best Single Comb White Orpingtons—sons and daughters of 1st Madison Square winners direct from their originators, Wm. Cook & Sons Scotch Plains, New Jersey. Also fine utility stock of a most wonderful laying strain All at reasonable prices. Have about 20 pullets and a few cockerels for sale, at living prices.

TURKEY EGGS

M. B. Turkeys, large boned, Fine plumage. Toms weigh 35 lbs.; hens 18 to 20 lbs. Eggs 20 cents each, securely packed and satisfaction guaranteed. Order early.

EDNA STITT.

PEKIN, IND.

Wanted: Old Books

Have you any old books on the Indians, the early history of the West. Archeology, the Missouri River Region, the Plains, Reminiscences of Early Days, etc.? If so what do you want for them, cash or exchange?

George J. Remsburg

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Kansas

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TYPEWRITER
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THE NEW MODEL No. 5 ROYAL comes to you with the unconditional guarantee that it will do highest grade work for a longer time at less upkeep expense than machines usually listed at 33 1/2 per cent. higher in price.

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Back of this guarantee are the resources and experience of one of the largest and most important typewriter manufacturing concerns in the world. Do you think we would dare make such a guarantee if we did not know that the Royal has the simplicity and durability to outclass any other machine.

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Stock FOR SALE! Stock

AT PRICES THAT YOU CAN AFORD TO PAY

S. C. Rhode Island Reds

A large flock of early hatched young stock and some this seasons breeders to select from. Thrifty, farm raised. Write us your wants.

Frank Chalupa, Member of A. P. A., Pleasant Plain, Iowa

Single Comb White

ORPINGTONS

We are offering our breeding hens for sale at bargain prices. There are some prize winners in this flock. We are forced to sell to make room for our young birds.

We are now booking orders for exhibition birds, hens, cocks, cockerels and pullets for November shipment. Write your wants and I am sure I can supply you with the birds. Our birds have won the blue ribbons wherever shown.

D. O. FRIEND, : Brighton, Iowa

Single Comb Buff Orpingtons

5563 EGGS and 240 HEN HATCHED CHICKS

from 54 hens from January 1, 1912 to Sept. 1, 1912. No records broke---simply shows they are on the job for business. This years breeders, and young stock hatched in March, April and May ready to ship by November 1.

D. B. COOP

Perlee, : : : Iowa

Rose Comb Reds

500 Cockerels and Pullets; also a few yearling hens and cocks to select from at prices that will not scare you. I can start you right in R. C. Reds. I guarantee to please or refund your money.

E. B. Sinn, Box O, :- Brighton, Iowa

OCTOBER, 1912

Volume 1

KIGER'S

Number 6

POULTRY JOURNAL

DEVOTED TO

Poultry, Pigeons, Bees, Small Fruit and Garden
BIG COLLECTOR'S DEPARTMENT



A PAIR OF IDEAL WHITE WYANDOTTES

PUBLISHED BY
ORVIL L. KIGER, BRIGHTON, IOWA, U. S. A.

25c a Year

5c a Copy

5 Years for 60c

SPECIAL TO READERS OF KIGER'S POULTRY JOURNAL ONLY SPECIAL

BIG

Mid-Summer Special Offers in Fancy Pigeons

I am overstocked on the following Birds and in order to move them quickly, I quote the following prices. All birds are healthy and mated from my best stock. This offer is for this month ONLY, so act quickly:

Pair Blue Pouters--\$3 Pair White Fantails--\$2 Pair White Pouters or Pair Red Jacobins--\$2.50
Pair Black Tumblers--\$1.50 Pair Trumpeters--\$3 Homers--Special at \$1 pair

These birds are Worth Double and I guarantee satisfaction or MONEY BACK. Remember these are SPECIAL Prices to readers of KIGER'S Journal, and in order to purchase at these prices you must mention KIGER'S POULTRY JOURNAL.

Karl J. Ingledue, :- :- **Marshalltown, Iowa**
Breeder and Shipper of High Class Fancy Pigeons

Partridge Wyandottes

In the past three years our birds have won as follows: Sioux Falls, S. D., 1st Ckl.; Packwood, Iowa, 1 Cock, 1 Ckl., 1 Hen, 1 Pull., 1 Pen; Richland, Iowa, 1 Cock, 1 Ckl., 1 Hen, 1 Pull., 1 Pen; Hedrick, Iowa, 1 Cock, 1 Ckl., 1 Hen, 1 Pull., 1 Pen. Our birds have won seven silver cups in straight competition. We will have five pens mated this season and will offer eggs at \$2.00, \$3.00 and \$4.00 per setting of 15 eggs. We guarantee satisfaction. Order direct from this ad—or write. Some fine cockerels yet for sale, \$1.50 to \$5.00 each.

Hallowell & Fearis, = **Richland, Iowa**

White Plymouth Rocks

CLOVER LEAF STOCK AND POULTRY FARM

We are offering eggs for hatching from five mated pens and a range flock. The birds in our pens are of highest order and all large, good shaped birds and all pure white with neat combs and red eyes and bright yellow legs. Eggs from these pens from \$2.50 to \$3.00 per 15 eggs; \$10.00 per 100. Satisfaction guaranteed. Our range flock are good birds, all scoring above 90 points. We offer eggs from this flock at \$1.25 per 15 eggs or 100 eggs \$4.00. You may order direct from this advertisement or send for our 1912 mating list. You can pay several times as much for eggs elsewhere and get no better quality than we will give you. Remember we are responsible and we guarantee satisfaction.

Mrs. E. S. Wolcott, ∴ **R. F. D., Richland, Iowa**

SINGLE COMB WHITE ORPINGTONS

A limited number of standard bred stock will be offered this fall. Both young and old. Trios for \$5.00. Better ones a little more. Write me your wants. All stock strong and vigorous; excellent color and shape.

Preston Polhemus, : **Osceola, Indiana**

Dagle's-Buff-Rocks

STOCK FOR SALE! STOCK FOR SALE!

Have a good show record, have been line bred for years and are equal to any strain to be found, east or west. We have some large cockerels and pullets that are high exhibition quality, no matter what wanted, can fit you out on short notice. We always have some birds ready in condition to show. If you want a breeding pen mated in line to produce exhibition stock, we have it for you. If you want birds that will win for you, call on us, state just what you want, the price will be right. We have shipped stock and eggs to all parts of the U. S. and Canada. We guarantee satisfaction, hundreds of letters from satisfied customers.

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OAK HILL POULTRY FARM

Joseph Dagle, Prop. ::= Richland, Iowa

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S. C. WHITE ORPINGTONS and RED SUSSEX FOWL

Don't worry if the poor season has caught you with a shortage of pullets. Chickens are as thick as flies. We have a hundred pens ready for delivery, and not a poor bird in the lot. All chicks hatched from mature fowls, imprested, and no hens used for breeding that have not done better than 175. Choose selected pullets from hens with individual records from 201 to 242, at prices you can afford to pay.

Our **WHITE ORPINGTONS** are the greatest layers in this country. Birds of great strength and wonderful stamina, strong heritage, prolific layers, whose chicks simply raise themselves. We raise 95 chicks out of a hundred simply because our hens impart the necessary strength to their progeny to enable them to weather the storm. Records up to 242 have been attained. A White Orpington hen gave us 443 eggs in two seasons, or to be more exact a few days lacking 23 months from the time she started laying, when she went into her second moult. We have a hen hatched in April, 1908, that has laid us over 700 eggs, and she has not forgotten how to lay yet.

A cockerel from this strain will introduce 50 per cent laying blood into your entire flock, not just one bird, but every chick you raise. If you cannot bring out that correct curve in the back, get a cockerel from a strain where the tail angle has been bred out years ago.

THE **RED SUSSEX FOWL** is the prettiest of all reds. A dark, glossy, soft mahogany. Seven pound hens and ten pound cocks. Beautiful red eyes and pink feet, much more stylish than the R. I. Reds, and not as common. Prize winning stock if you care for ribbons. Four firsts, three seconds, one third at Chicago Dec. 1911; and one first, three seconds, two thirds and one fourth at Indianapolis, Jan. 1912. Our "Chippewa Chicket" is conceded to be the finest Red Cockerel Bird in this country.

ELMER F. HAAG, -- Norwood Park, Chicago

Poulterer to His Majesty The American Citizen

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Hallowell & Fearis, - **Richland, Iowa**

White Plymouth Rocks

CLOVER LEAF STOCK AND POULTRY FARM

We are offering eggs for hatching from five mated pens and a range flock. The birds in our pens are of highest order and all large, good shaped birds and all pure white with neat combs and red eyes and bright yellow legs. Eggs from these pens from \$2.50 to \$3.00 per 15 eggs; \$10.00 per 100. Satisfaction guaranteed. Our range flock are good birds, all scoring above 90 points. We offer eggs from this flock at \$1.25 per 15 eggs or 100 eggs \$4.00. You may order direct from this advertisement or send for our 1912 mating list. You can pay several times as much for eggs elsewhere and get no better quality than we will give you. Remember we are responsible and we guarantee satisfaction.

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Our WHITE ORPINGTONS are the greatest layers in this country. Birds of great strength and wonderful stamina, strong heritage, prolific layers, whose chicks simply raise themselves. We raise 95 chicks out of a hundred simply because our hens impart the necessary strength to their progeny to enable them to weather the storm. Records up to 242 have been attained. A White Orpington hen gave us 43 eggs in two seasons, it to be more exact a few days lacking 23 months from the time she started laying, when she went into her second moult. We have a hen hatched in April, 1908, that has laid us over 700 eggs, and she has not forgotten how to lay yet.

A cockerel from this strain will introduce 50 per cent laying blood into your entire flock, not just one bird, but every chick you raise. If you cannot bring out that correct curve in the back, get a cockerel from a strain where the tail angle has been bred out years ago.

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To Own a Farm in the Famous "Upper Peninsula" of Michigan. The Land Where Farming Pays.

**\$15 PER ACRE; ONE-THIRD DOWN
20 YEARS TO PAY THE BALANCE**

Special Excursions Every Tuesday

Come with us to the best agricultural district in the United States, where we are now colonizing over 700,000 acres of choice land. Not only is the soil rich and fertile, the water sure and abundant and the climate exceptionally healthful, but the crops equal or excel in value those in many of the irrigated districts. The hunting, fishing and boating are the best in the country, and all natural resources and conditions unite to make the Upper Peninsula of Michigan the garden spot of the United States.

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If in the city call at our office or phone Harrison 462 and our representative will call.

Our special excursion leaves Chicago every Tuesday night at 6:30 and arrives on the lands Wednesday morning. Round trip \$16.65.

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WHITE ORPINGTONS

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Morain Special Scratch Feed

Made from corn, wheat, kaffir corn, grit, beef scraps sunflower seed, charcoal, barley and oats. Superior to anything on the market.

Price \$2.25 F. O. B. Richland. Special price on 5 sack lots

Morain & Caughlan, : : : Richland, Iowa

Orpington Eggs

\$3.00 per 15; \$12.00 per 100

My birds are from \$50.00 and \$100 Kellerstrass trios. These birds have been laying all winter. From 17 pullets I got 332 eggs in the month of January. Cockerels \$2.00.

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Cockerel mating pen headed by prize winning cockerel. Females sired by cock winning first in three shows. \$1.50 for 15 eggs.

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Our stock are direct descendants of Chicago Winners. Pen 1, male scores 95, females score 95 to 95. Eggs \$2.00 per 15 or 30 for \$3.00. Range flock, eggs \$1.00 per 15; 45 for \$2.75; \$4.00 per 100. Satisfaction guaranteed. Stock for sale at all times. Order direct from this adv.

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Black Langshans

Pens headed by males scoring 92½ to 94. Females score from 91½ to 95. Eggs \$1.50 per 15; \$2.50 per 30; \$7.50 per 100. Satisfaction guaranteed.

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EGG MACHINES— A wonder-

ful strain of practical winter egg producers, built up by the aid of trap nest. Send 10c for interesting printed matter explaining how to make and operate a very simple and reliable trap nest, gives price list of systematically bred poultry, tells how to increase your income 50 per cent by breeding from your best hens and culling out the loafers that are eating up your profits.

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Northern-grown trees and nursery stock are in good demand everywhere. Write at once for territory; cash commission paid; canvassing outfit free.

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June Buds a Specialty

No agents traveled, but sell direct to planters at wholesale prices. Absolutely free from disease, and true to name. Write for catalogue and prices before placing your order elsewhere. We guarantee our stock to be absolutely true to name. Largest Peach Nursery in the world. Address

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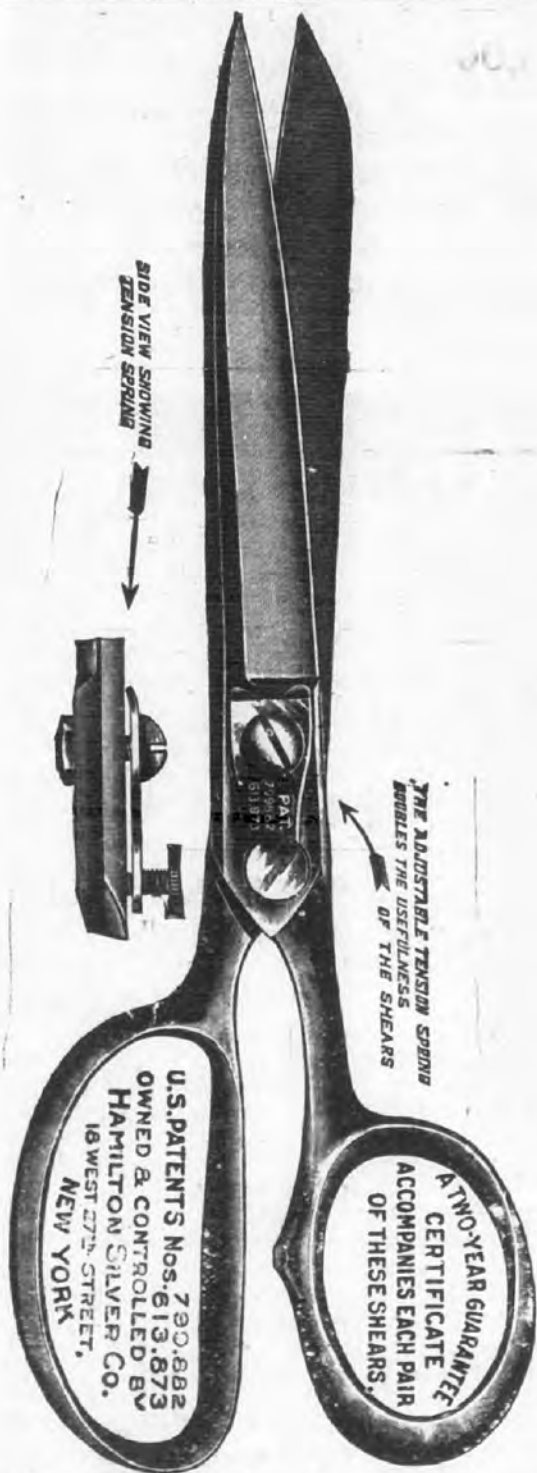
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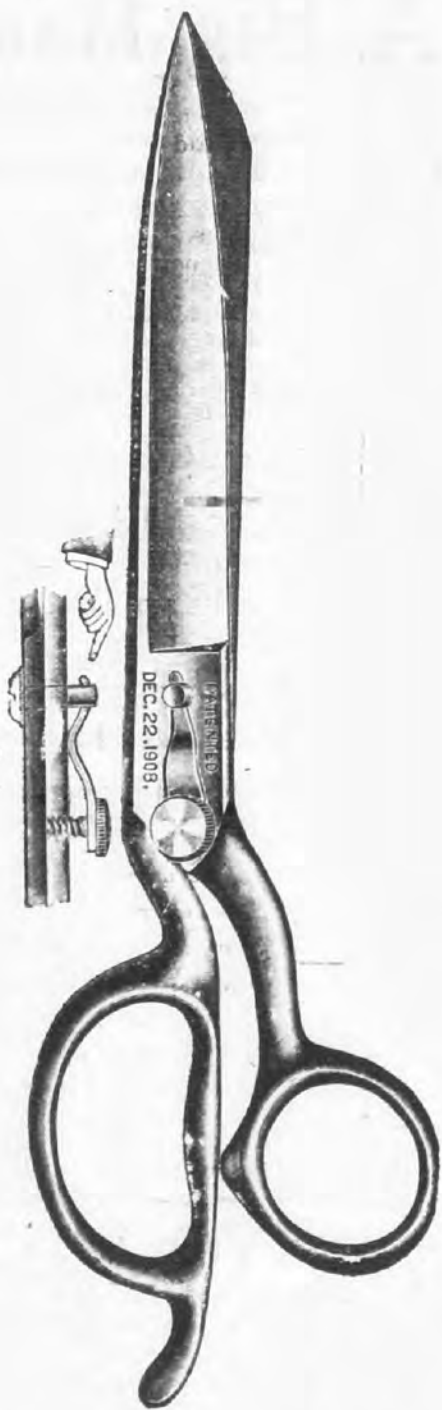
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High quality and guaranteed, self-sharpening, 8 inch size. Send us three one year subscriptions at 25 cents each or a one year subscription at 25 cents and a five year subscription at 60c and we send shear postpaid.

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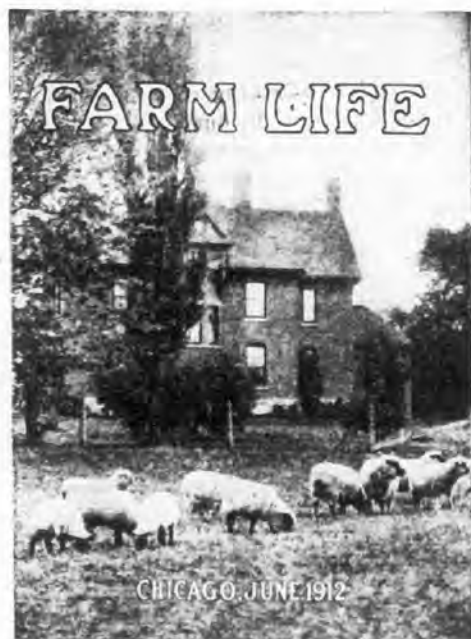
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Kiger's Poultry Journal

BIG COLLECTOR'S DEPARTMENT

IN PLAIN ENGLISH FOR BEGINNERS AND WIDE AWAKE FANCIERS AND COLLECTORS

VOL. 1

OCTOBER, 1912

NO. 6

It is Not Always Wise to Cull Too Closely

By ELMER F. HAAG

Any well informed poultryman will advise you to exercise great care in picking out your breeders, and this is quite proper. With a fair sized flock it is even advisable to discard a doubtful bird rather than put her in your breeding pen. With enough birds to go around you can afford to scrutinize very closely, but mind you there is a big difference in culling out birds to be discarded as breeders, and culling out birds that are not even fit to use as layers. Hence when you start culling you ought to know what you are culling about.

The writer recently visited the plant of a fellow breeder just about the time he had completed one of these reckless culling stampedes. To make doubly sure that he would not let anything live that ought to be slaughtered, he engaged a competent judge to do his culling and mating. This is all right as far as it goes, but it is very much a question if judge intended that the three plump pullets, which lay on the chopping block with their heads severed, were to be killed. It surely must have been a case of the one not understanding the other.

Anyone that would kill a five months' old pullet as promising as these three looked, is either a fool or extremely misinformed as to the profits that accrue from the sale of eggs. A five pound pullet at the most will bring 20 cents a pound, or about a dollar. It has cost 66 per cent of this to raise her. If she layed six dozen eggs during the winter, she would bring in from \$2.00 to \$2.50, with 50 cents or 60 cents additional deducted for food, a profit equal to five or six times what she would have returned dressed at five months, and then you still have the bird to sell or use for hatching pur-

poses.

With the present scarcity of pullets and every indication of a much greater demand for fresh eggs than the supply can possibly satisfy, it is, indeed, very poor wisdom to kill any pullet except perhaps a stunted or sickly one. What difference does it make if the bird has a white lobe when the Standard calls for a red one, or vice versa; you yourself are not a perfect man or woman. A pullet with a half dozen defects may be a better layer than a more perfect one. Her eggs will taste just as good and bring an equal price.

The writer is very much in favor of thoroughbred stock, and would not advise anyone to produce anything else, but facts are facts, and business is business. Thoroughbreds do not throw a hundred per cent of perfect birds, nor twenty-five per cent, yet the imperfect ones lay just as well and very often better than those so plentifully bestowed with prize winning features. Every one of these culls can be made to earn a dividend and still serve the purpose of a cull. Do not under any circumstances raise a pullet up to five months and then send it to the slaughter house, especially when eggs are 50 cents or 40 cents a dozen, or even 25 cents, for that matter.

It is apparent from the experience cited in this article that some few people really do not understand what a judge's work consists of when they employ him. When he comes to mate up your pens, he puts male and female together which are most apt to give you standard types. Next he takes defective ones of the one sex and mates them to a bird of the opposite sex that is especially strong where they are weak. With this process there are a number of birds

that can not be used at all. This does not mean that you must wring their necks. The judge pays no attention to the egg question. If he did he would have to consult you, for you would know more about what breeding there is back of them than he. Sometimes a good bird in other respects has to be discarded because of a serious defect in the lobes, the feet or the comb, or off-colored feathers, or some less serious defect because you have not the proper male to mate it to. This does not mean that you should necessarily kill the bird. It is merely discarded as a breeder, and the way to handle such pullets is to carry them over without a male bird as long as they lay or the eggs can be sold at a profit. These pullets can be marketed the following spring when crowded out by new chicks at almost the same price as now, and in addition to this you have all the profit from the eggs, which, if you are near any good market like Chicago, ought to be \$2.00 per pullet over and above what it would have brought you had you sold it at five months.

The cockerel side of the story is a very different proposition. Unless you have a

demand for cockerels as breeders, you can not afford to fool with them. A cockerel commercially pays a profit only two times during his career. He can be marketed at 2½ pounds as a broiler to good advantage and at a profit. At five months he has eaten almost as much in feed as he will bring alive. Near a good market you can gain a few cents dressed, but do not estimate the value of your time preparing him, too highly. If you can not market him as a broiler, by all means learn to caponize, and if you are raising only a few it will be far more profitable to caponize all cockerels. A capon does not cost any more to raise to seven months than an ordinary cockerel, but he gains 33 1-3 per cent in weight over the cockerel and brings 50 per cent more in price. You can figure it out yourself what the actual difference means to you in money. It is not at all a difficult task and if done properly in the first place there is practically no loss by death.

This article should give anyone depending upon the market for an income the key to how to get the most out of both pullet and cockerel.

Feeding the Laying Hens

By PRESTON POLHEMUS

We are glad to see the day of scientific poultry culture. Any one raising chickens today should be a subscriber for one or more good poultry journals (Kiger's for instance,) and note carefully what is being learned by men of practical experience.

Scientific investigation has shown us what are the raw materials entering into egg production. Just as a saw mill cannot make lumber without logs, so "biddy" cannot produce eggs without raw material, and this in proper quantities. Carbohydrates, protein and water form the bulk of an egg. None of those elements is found wholly in one variety of grain, but grains are richer generally in one element than in others. Corn is strong in carbohydrates but deficient in protein. It will produce fat, but when fed protein must be supplied if eggs are desired, or the hen will be like the carpenter with plenty of lumber but without

nails. There may be one element in her food lacking or deficient in quantity, and she will not be able to produce eggs rapidly or regularly. Hence today our journals have much to say about great variety and balanced rations.

The many kinds of poultry foods on the market aim distinctly at this plan and many of them hit the mark well. But it may be that some do not find it convenient to buy the ready prepared feeds, so we will give a ration that has proven successful.

The following as a scratch feed, to be fed in litter or raked into the dirt so that the hens must work to get it, is good:

Corn (cracked,) 10 lbs.
Wheat, 10 lbs.
Oats, 10 lbs.

If a little barley, buckwheat or millet can be added, so much the better.

The following makes a good dry wash and

should be kept before the hens constantly:

Corn meal, 10 lbs.
Ground oats, 10 lbs.
Wheat Middlings, 10 lbs.
Wheat bran, 20 lbs.
Linseed meal, 10 lbs.
Beef scrap, 10 lbs.

If these are fed so that the flock consumes about equal quantities of the dry mash and scratch feed, eggs may be expected. Of course plenty of water, grit, oyster shell, and green food, must also be supplied. Next month we wish to say something about our experience with sprouted oats.

Origin of the Rhode Island Reds

By E. B. SINN

About fifty years ago there lived in Little Compton, Rhode Island, a man named William Tripp, whose business it was to buy eggs and fowls in the surrounding country and sell them in the Boston market. There were at that time numerous breeds of fowls in the vicinity of Little Compton, most of them inferior, both as layers and for market. Among the best were the Cochin Chinas and Mr. Tripp bred them for several years, when it occurred to him that by crossing different breeds it might be possible to produce fowls that would be more hardy, better layers, and of sufficient size to make them profitable for market purposes. At that time there lived in that locality many sea captains who made regular trips to and from the Malay Islands, and on their return trip they brought with them some Red Malay game cocks, and Mr. Tripp secured a few of them which he turned into his yards for breeding purposes. In the same way he became possessed of some Red Chittagongs.

About this time a friend of Mr. Tripp, a man named John Macomber, began breeding along much the same lines as Mr. Tripp and there sprung up a rivalry between the two men as to who would get the best results. Mr. Tripp obtained the best results, and did so by putting a Red Chittagong cock with pullets he had raised from the Cochin Chinas, these being the original fowls with which both had started.

Both Mr. Tripp and Mr. Macomber were well pleased with the strain they had produced, but they did not begin to inbreed nor line breed them. If they had we would not have the hardy, thrifty and productive Rhode Island Reds of today.

Mr. Tripp kept right on outcrossing. While on his trips among the farmers buy-

ing poultry, if he found an extra vigorous specimen, no matter what breed, he would turn it loose in his breeding yards, always retaining the Red cock birds, however. It will be readily understood from the above that the hens used by Mr. Tripp in his yards were of many different breeds. Some had rose combs, others had single combs; some had feathers on their legs, others had clean legs. But by a persistent use of the red males the predominating color of his fowls eventually was red. This system of outcrossing was continued by Mr. Tripp, Macomber and others for many years, and the fowls were known as the "Tripp" by some and "Macomber" by others. They became famous locally as winter layers, but it was not until about 1897 that they were brought to the notice of the general public when Dr. Aldrich decided to take a coop of them to the Madison Square show, at which time, on account of lack of uniformity of type and color, they were derisively called Aldrich's dunghills, etc. Previous to this time no attempt had been made to breed them to a standard type and color, and it was not until 1901 that a definite standard was adopted.

The single comb variety was admitted to the Standard of Perfection in 1904, and the rose comb variety was admitted in 1906. And thus Aldrich's dunghills, which were laughed at in 1898, and were practically unknown, except in a few eastern states, have become one of the most, if not the most, popular breed of fowls in America today. Forty years of outcrossing has given them the stamina, and the rugged, vigorous constitution, which insures productiveness. As all year round layers in any climate and as a table fowl of good size, there is no other breed that will excel the Rhode Island Red.



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Buff Rocks.—Buff, Black and White Cochon Fantams. Blue ribbon winners. Nine firsts, 2 seconds, at two shows. Eggs, 15 for \$1.50. H. A. Cronk, 1305 3rd, Anderson, Ind.

15 eggs, \$1.50.—From 6 choice pens of Single Comb Buff Leghorns and Rhode Island Reds. Also stock for sale. G. C. Mahle, Washington, Ill.

Baby Chicks

BABY CHICKS and eggs in season. Rhode Is and Red Specialist, Foundation stock; Thompkin's strain. None better. Sold under our guarantee. C. D. Bassett, Mgr., Rhode Island Red Poultry Yard, 7837 Dobson Ave. Grand Crossing, Ills.

Baby Chicks.—Bridgewater and Owen Farm Strain S. C. Buff Orpingtons. Ten chicks, \$3.00; 20 chicks, \$5.00, and one 50-chick size fireless brooder with each order. I guarantee chicks to equal any you can buy costing \$1.00 each. Save time; send order direct from this ad. Satisfaction guaranteed. Chas. Johnson, No. 1 Hoyles Avenue, Aurora, Ill.

Nursery Stock

Gooseberries at wholesale: Red Jacket layers, 1st class, \$3.00 per 100; \$20.00 per 1000. Downing layers, 1st class, \$3.00 per 100; \$20.00 per 1000. Downing, 2-yr., No. 1, \$8.00 per 100; \$60.00 per 1000. Red Cross Currants, 1 yr., No. 1, \$5.00 per 100; \$40.00 per 100. Order now. Terms cash with order. Wm. Mandel, Nurseryman, Bloomington, Ills.

\$25,000 made in spare time. Raise Golden-seal. Circulars free. Bowman Gardens, Box 33, Albany Wis.

Miscellaneous

Unheard of bargains to make room for winter. Kellerstrass White Orpingtons \$1.00 up. Young's White Leghorns and Silver Campine cockerels at equally low prices. Speedwell Poultry Farm, Cannonsville, N. Y.

BARGAIN: 1 Clover Cutter; 2 Hot Air Brooders, 150-300; 4 Fireless Brooders, 60 size; 12 Petaluma Incubators, latest models; 1 Feed Mixer, 100qt. size. Reason for selling. Jas. Houck, Tiffin, Ohio

No License required. Make your own liquors, wine and beer at home. \$7.00 will make 50 pints of finest beer to be had \$1.00 will make 12 pints of fine whisky. Send \$1.00; name which you wish. Money back if you think it is not what you think it ought to be. Ref.: Oakwood Bank. C. D. Bassett 7837 Dobson Ave., Chicago, Ill.

"Don't Let Them Suffer." Chickens sick? State particulars, enclosing 25c. I will mail you a formula. Cost for compounding small. Joseph Abel, 422 N. High St., Baltimore, Md.

BLACK Minorcas, Buff Rocks. J. S. Wilcox, 7736 Jackson Ave., Grand Crossing, Ills.

Sicilian Buttercups.—If you want a breed of merit that all your neighbors do not possess, then get some Buttercup eggs for hatching. Circular free. D. S. Durall, Hurland, Mo.

Too Late to Classify

Pigeons—All varieties cheap for quick sales. Racing Homers and Dragons a specialty. Circular free. Common pigeons wanted. McLaughlin's Pigeon Lofts, 119 Huron St., Port Huron, Mich.

For Sale—Rose Comb Rhode Island Red, Silver Laced Wyandotte and Mottled Ancona cockerels at \$1.00 each. Joseph Henke, Ft. Loraine, Ohio.

For Sale—Buff Orpingtons, Rose Comb White Leghorns and Partridge Wyandottes. Extra fine lot, will make you some prize winners. Prices reasonable. Satisfaction guaranteed. Moehrl Bros. Poultry Yards, Marshalltown, Ia.

Rabbits—Flemish Giants, Belgian Hares, Lap Ears, Angora Rabbits, Cavies, Pheasants and all of pet stock. Book on Rabbits 25 cents. Poughkeepsie Rabbitry, 22 Gate St., Poughkeepsie, N. Y.

Eggs from S. C. Buff Orpingtons, R. I. Reds, Barred Rocks, White Cochin Bantams and Pekin Ducks 15, \$2.00; White Indian Runners 12, \$2.00. Henry Fitzkam, St. Genevieve, Mo.

Black Langshans—Cock bird scoring 93½. One excellent pair for \$5.00. A. A. Marrin, Box 386 North Adams, Mass.

White Wyandottes—Bred for fancy and utility. Stock and eggs for sale from blue ribbon winners and winter layers. Prices reasonable. O. A. Burt, Albany, Wis. Mention Kiger's Poultry Journal.

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Dagle's Department

By JUDGE JOSEPH DAGLE

Poultry and Fruit

A great many people think it impossible to raise fruit or garden truck on the same ranch with poultry, but this is a mistake.

Nine years ago we set the poultry yards out to peach trees (2 year olds;) the third year we had a good crop of peaches and the trees continued to bear up till three years ago, when the hard winter killed the trees. We set out a few peach trees every year and we protect them through the winter with corn fodder set around and tied to the trees and branches. Care should be taken not to put too much of the fodder around the trees, because if that is done it will cause dry rot and kill the trees. Put just enough around the tree to cover up the body and limbs. You can protect trees in this way till they are nine or ten feet high, and if a few trees are set out each spring you will always have some trees coming into bearing every year, no matter how hard the winter may be. Raspberries can be raised on the poultry plant and the brooder chicks given access to the raspberry patch in the spring with good results. The chicks may get some of the berries on the lower limbs of the bushes, but the chicks will clean up the spiders, bugs and millers that harm the fruit, if allowed to stay on the bushes; and by the time the chicks are large enough to reach much of the fruit the picking season will be over. In this way you can get a crop of berries and a crop of chickens off the same land, and the ground will be free from worms and the bushes free from buks and spiders. Hen manure scattered over the strawberry patch will increase the berry crops three fold.

It is better for the garden stuff next season that you turn in the fowls this fall and let them clean up the bugs and worms.

Take Care of the Young Stock

Do your young birds look gangling and rough and peaked and pinched? Do they sneeze and crowd up at night? If this is the order of things, it is your move.

The chicks have outgrown their summer quarters long ago, and they should be moved to their winter quarters before the cold fall rains come on. You can't raise bon ton birds and crowd them at night; nor can

you raise nice ones and house them in a damp, dirty house, and make a success of it.

A house or department 8x8 feet will accommodate fifteen fowls nicely, and the early birds should be placed in their winter quarters now.

It don't pay to keep the disqualified or the scrubby fowls after they weigh four pounds if the large breeds or two and a half pounds if the small breeds are kept. Send the culls to market at once, and have more and better room for those that are to be held over, if you have room for them. Don't sell any of the early hatched pullets, because egg prices will be up among the clouds this fall and winter, and hens will be high next spring. If you are a beginner in the business and have standard bred stock, it will pay you to secure a judge to cull out and score your fowls for you; don't trust this to some one that is inexperienced—it won't pay to do so.

The Local Poultry Association

The Poultry Associations all over the country are doing great good from year to year.

We know a number of Associations that are holding regular weekly or monthly meetings, and great good will come from these meetings. Our home Association is putting on a program every Tuesday evening, free, and everybody is invited to attend these meetings.

At one of these meetings the Rev. Harkens gave a lecture on the origin of the Leghorn family of fowls. Large drawings of fowls were used to demonstrate the different types of the Leghorn, as it has been from time to time since its origin. Live birds were used to demonstrate the type of today. It was explained why the type has been changed from time to time, and the place in the industry that the breed was intended for.

After this and before the close of the meeting we gave instructions in judging the birds at hand, and a short lecture in judging in general.

The school children were invited to attend and take part in the meeting, which they did.

We will take up the Plymouth Rock at our next meeting and the other breeds will be taken up in turn and by the end of the year we will all know more about the chickens we are raising and we will all know more about the poultry industry in a general way.

Apples in Iowa

If you have a large range for your growing stock and the land is poor, or if it be

rich, you can increase your income by setting the patch out to winter apples. The fowls will keep the bared cleaned up and if you will prune your trees properly and spray three times each season at the proper time, you can raise apples right here in Iowa equal to any country in the world. As a rule there are but few apples in Iowa this season, and the cause of no crop is "no care." We visited three orchards near Fairfield, Iowa, last week. The trees were loaded with fine apples of No. 1 quality. These trees are pruned every year and sprayed three times each season.

We asked Mr. Zigler, the owner of one of the orchards, if it paid well one year with another, and he answered that apples properly tended in Iowa was the best paying investment he knew of. We shall write on the spraying question later, as good care of the trees is the secret of a good crop in this part of the country. We should pass a law in every state compelling the spraying of all fruit trees. It is a fact that all of the apple growing states have laws governing the care of the trees, and this is the secret of their success.

Why sell your Iowa land for two hundred dollars per acre and move to other parts where you will pay from five hundred to one thousand dollars per acre for orchard land?

To say that there is no market for Iowa apples is no excuse, because you haven't the apples to sell. Raise the apples and spray them, so as to have them free from worms and you won't have to travel far for a market.

What Could Be Done

If I had the time I would do many things that I do not do. I would so regulate the buying and selling of market eggs and poultry that the poultry raisers would get what the middle men are now getting out of the transaction. Just think of it: We have a buyer here at home that buys and ships to another party that sells again to a commission house in New York. This commission house gets a slice, of course. Now there are at least three or four parties that handle your eggs and poultry before it reaches the consumer. Now all of these people get

a rake-off. Each one holds this stuff but a few days, while you (the raiser) must care for and feed the chicks and fowls for months before selling, and if you add the profits of all four of the middlemen together it would be more than you get for raising it.

This is all wrong—and it is time something was being done.

What should we do?

Well, we should organize Poultry Raisers' Associations everywhere, employ a competent manager to take charge of the affairs of the Association. Let it be a co-operative association, the same as is found in all of the fruit districts.

The Association handles all of the product of all of the members, and in this way better prices are obtained, and the product goes through but few hands. In short, the product goes direct from your hen houses to the consumer, and you would get the per cent that all of the middle men are now getting.

Do you want this change, my dear reader? If so, please drop us a card, telling us so, and we will start a move to bring about the change in your locality, by instructing you how to go about it to organize.

We know of a great many breeders that are shipping their eggs to Chicago and other cities and they are getting from 10c to 20c more per dozen than they could get at home. Does this pay?

Of course they guarantee every egg to be strictly fresh, and the eggs must be clean, too, and even in size and even in color.

Questions and Answers

S. W. S., Minnesota, asks:

1. My chicks (Plymouth Rocks) weigh from three to six pounds. They have free range over fields, where wheat and oats were raised the past season. They also have access to a field of green clover. They don't wait to eat in the morning after being let out of the houses. I furnish plenty of grit and fresh water. Can I feed corn at night with good results?

2. I have had R's—strain of Barred Rocks for four years, and last spring I

bought eggs from another breeder. I have raised good chicks from both my own eggs and those that I bought. Can I use cockerels raised from the eggs bought and pullets from my own stock mated together and expect good results?

Answer:

1. Yes; feed corn at night, all they will eat, and the chicks will grow like weeds.

2. No; we would not advise you to cross the two strains, as by doing so you are liable to ruin both strains. Better keep one or the other in its purity.

A. W., Missouri, asks:

1. I have been advised to use two male birds in my breeding pen (which usually contains twelve females) by changing them about every other day. I am just starting in the business and have extra nice stock, and am anxious to raise some fine chicks. Would you advise me to use two males?

2. I have a pen of old birds that are laying now. Could I hatch at this season of the year (September 25) and expect some good chicks, or should I wait till spring to start hatching?

Answer:

1. We would not advise you to use two male birds in a breeding pen, because it would not be possible to get two male birds near enough alike. Use the best male in the breeding pen.

If you have a nice warm place in which to keep the chicks after hatched till they feather out, it would be all right to go ahead with the hatching now. Chicks hatched in the late fall and winter must be kept in a nice warm dry place with plenty of light, in order to do well. Fall and winter hatched chicks do not grow to be as large as spring hatched, as a rule.

H. S., Missouri, asks:

I have a male, hatched last December. Should I show him as a cock or cockerel?

Answer:

You should show him as a cock. All males hatched after January 1, 1912, must be shown as cockerels.

Notes

Oskaloosa, Sioux City, Cedar Rapids and Des Moines, are all going after the state

meeting of the American Poultry Association. We are boosting for Oskaloosa, because we believe that more good can come from the meeting if held there than if held otherwheres. Vote for Oskaloosa and make your dates January 6-11, 1913. A long list of silver cups and big cash prizes are offered by the Sixth District Poultry Association. Oskaloosa, Iowa, January 6 to 11, 1913.

Poultry Associations are getting ready for their coming shows and every raiser of poultry should lend a hand and make a big success of the show in their locality. Attend the meetings and the show, if you can't do more.

This is the season of the year when much harm will come from allowing the young birds to crowd at night. They will contract cold in this way, and then the roup will set in and the dickens will be to pay from then on. Not too many birds in a coop, and dry coops should be the order of things.

The season of the year is at hand when the young birds should have all the corn that they will eat at night; and don't neglect the drinking water just because the weather has cooled down.

Are you going to make your start as an exhibitor at the poultry shows this season? Yes? Well, now is the time to get busy if you expect to win.

E. E. Richards of the Western Poultry Journal, will be a candidate for President of the American Poultry Association in 1913. Mr. Richards is fully qualified to fill the office. He has served the Association in many ways in the past, and his service as a member of the Executive Board has proven his ability to the satisfaction of all.

The egg laying contest at Mountain Grove, Missouri, has proven that it pays ten fold to give the poultry good care, and good feed. It has proven that standard bred fowls are the best layers. Several hens and several pullets have laid more than 200 eggs in ten months, and there are very few that are below the 150 mark. The average number of farm hens lay an average of 80 eggs in a year. It pays to keep good fowls, and give them good care.

The Leghorns

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This new and greatly enlarged edition, thoroughly revised and brought down to date, tells how to select and mate birds for the breeding pen; how to judge Leghorns in the show room; how to feed for heavy egg yield and fast growth. Some of the great commercial Leghorn egg farms described and illustrated.

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KIGER'S POULTRY JOURNAL

Brighton, Iowa

mind from business cares and worries, and to give a true change and rest. If the inclination be restricted to the same groove as that claimed by the daily task there is a danger of developing lop-sidedness, which is the very essence and embodiment of that undesirable member of society, the crank.

"Absence of occupation is not rest—
A mind quite vacant is a mind distress'd."

So says the poet Cowper, and there is a world of truth in the double aphorism, for a man with time hanging heavy on his hands is a misery to himself and a nuisance to other folk, and the most effective medicine for this disorder is the hobby potion. "People who have no business of their own are apt to mind other people's" is another apt saying, and the best antidote for meddlesome inquisitiveness is—a comprehensive and absorbing hobby.

Shakespeare's truism, "A light heart lives long," breathes sound advice also, and there is nothing like a hobby for inducing a light heart, which is a sure foundation for good health. And what better hobby is there than Philately? There is none. All the associations of stamp collecting—materials, discoveries, displays, instruction, investments, comradeship, etc.—make for lightness of temperament and a brighter outlook upon life.

Yes, Philately, so highly interesting, instructive, and remunerative, is THE HOBBY par excellence. Knowing no limits as to climate or nation, it embraces all grades of society, even Royalty, and it enjoys a wider brotherhood than any other hobby can claim. And no wonder! Look at its many attractions! It is the poet Keats who says "A thing of beauty is a joy forever." How true is this maxim in its application to stamps, which present such wonderful triumphs of artistic skill and executive ability that they elicit universal admiration! Then, no other hobby covers such a range of information, comprises so many subjects, or includes so much out-of-the-way knowledge, as Philately. Look at the number of interesting side-issues involved in the hobby, offering endless enjoyment to the votary: all the different methods of printing, the composition and significance of de-

Collector's Department

STAMPS, COINS, CURIOS, ETC.

THE VALUE OF A HOBBY.

Every man and every woman should have a hobby as a kind of recreative occupation—something to delight in, something to enthuse over—and if possible, it should be different and divergent from the daily routine by which the bread and butter is earned, for then it is the more likely to divert the

signs; the manufacture of the various kinds of paper, and their watermarks; perforations, currencies, colours, gums, postmarks, forgeries, etc. Yet the selection just quoted fails to exhaust the tale of infinite resource the hobby includes. It provides a wealth of material ground for the keen observer, in the way of research work, something new ever disclosing itself, while the whole field of survey is full of possible may's and may not's. Further, it caters for all tastes and aims—the collector pure and simple can either wander at gentle will along unfrequented paths, or join the throng on the popular track, while the speculator has ample range for exercising his judgment, and for taking risks.

Besides, the hobby lends itself to the means of all, for either a few pence or shillings may be periodically invested by the humble embryo, or as many pounds by the matured man of wealth, and even a comparatively small sum of money judiciously expended in stamps will secure a more interesting and comprehensive show than that provided by any other article de vertu for the same outlay.

Lastly, and this is all-important in many eyes, the hobby is a remunerative one, no matter what branch of collecting is adopted, if judicious care is observed in purchasing selections, and fancy prices are left severely alone. The growing number of collectors and the corresponding increase in the demand for stamps, especially for those issues whose supply is limited, ensures not only that the money invested is safe but that a probable percentage of profit is realisable when break-up time occurs.

In short, the hobby is so attractive and likeable, so fascinating and absorbing, so clean and dainty, so discursive and instructive, so accommodating and companionable, yet so remunerative, that it possesses the elements for satisfying the tastes of all sorts and conditions of men, and commands the premier position among the many hobbies that attempt to rival it in popular favour.

Happy the man who has a hobby! Thrice happy the man who has a hobby which, like Philately, yields such pleasure, satisfaction, and charm, and such social and educational

advantages, in addition to its possible financial profit!—The Stamp Collector (England.)



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This illustration shows the actual size of holes that may be cut with the leather punch blade.



Farmer's Wonder Knife

The illustration shows slightly reduced size of the knife. Besides the large blade, which is two and three-fourths inches long, this knife has a smaller punch and reamer blade, and cuts holes exactly as shown in the illustration. Both blades are of the finest tempered tool steel, finely ground and polished. You have paid \$1.00 or \$1.50 for a knife not half as good as this. Special care is taken to make the knife sufficiently strong for use of farmers, fruit growers, poultrymen, and stockmen. Send us four one year subscriptions at 25 cents each or two five year subscriptions at 60 cents each or a ten year subscription at \$1.00 and we will send you the knife postpaid.

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Write us at once for a setting of these eggs. From 14 of the most popular fowls.

Act to-day while the supply lasts.

Wisconsin Poultryman Office

West Salem, :- Wis.

Shows to Be Held in Iowa

1912

Nov. 19-20—Villisca. Russell, Judge; J. H. Todd, Secretary.

Nov. 25-26—Chariton. Russell, Judge; F. W. Trart, Secretary.

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Dec. 26-28—Marshalltown. Russell, Judge. H. C. Hanson, Secretary.

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Feb. 4-8—Burlington. Russell and Shellabarger, Judges; W. C. Kurrle, Secretary.

Feb. 11-15—Wapello. Shellabarger, Judge. H. B. Kelley, Secretary.

Secretaries and judges of Iowa shows will please cooperate with us by sending in dates of show, judges, secretaries, names, etc. Such should be addressed to Joseph Dagle, Richland, Iowa.

SNOWFLAKE White Indian Runner Ducks. Your chance to obtain a start of genuine Snowflake strain from the originator. Eggs until December, \$2.50 per setting. Mrs. E. E. Eshbach, Stierm Ave., Indianapolis, Ind.

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You learn all about Virginia lands, soil, water, climate, resources, products, fruits, berries, mode of cultivation, prices, etc., by reading the Virginia Farmer. Send 10c for three months subscription to DEPT. 59.

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VIRGINIA

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GUARANTEED



THE NEW MODEL NO. 5 ROYAL comes to you with the unconditional guarantee that it will do highest grade work for a longer time at less upkeep expense than machines usually listed at 33 $\frac{1}{4}$ per cent. higher in price.

This Guarantee is Actually Attached to Every NEW MODEL ROYAL Just As You See It in the Illustration

Back of this guarantee are the resources and experience of one of the largest and most important typewriter manufacturing concerns in the world. Do you think we would dare make such a guarantee if we did not know that the ROYAL has the simplicity and durability to outclass any other machine.

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THE NEW NO. 5 ROYAL (latest model of any typewriter on the market) has two-color ribbon, tabulator, back spacer and all the worth-while features of highest priced machines--yet sells for only \$75.

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Don't Sell Your Eggs!

When they are cheap, pack them with my new method, will keep two years-- will be as fresh as new laid eggs. No special place required to store them. Cost only $\frac{1}{2}$ cent per dozen to pack them. Write me for circular.

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Dept. W

Hillsdale, Wyoming

AT L. H. PADELLFORD'S

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You can get eggs from the very best Single Comb White Orpingtons—sons and daughters of 1st Madison Square winners direct from their originators, Wm. Cook & Sons Scotch Plains, New Jersey. Also fine utility stock of a most wonderful laying strain All at reasonable prices. Have about 20 pullets and a few cockerels for sale, at living prices.

TURKEY EGGS

M. B. Turkeys, large boned, Fine plumage. Toms weigh 35 lbs.; hens 18 to 20 lbs. Eggs 20 cents each, securely packed and satisfaction guaranteed. Order early.

EDNA STITT,

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Wanted: Old Books

Have you any old books on the Indians, the early history of the West, Archoeology, the Missouri River Region, the Plains, Reminiscences of Early Days, etc.? If so what do you want for them, cash or exchange?

George J. Remsburg

Potter,

Kansas

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Kansas

Stock FOR SALE! Stock

AT PRICES THAT YOU CAN AFORD TO PAY

S. C. Rhode Island Reds

A large flock of early hatched young stock and some this seasons breeders to select from. Thrifty, farm raised. Write us your wants.

Frank Chalupa, Member of A. P. A., Pleasant Plain, Iowa

Single Comb White

ORPINGTONS

We are now offering our breeding hens for sale at bargain prices. There are some prize winners in this flock. We are forced to sell to make room for our young birds.

We are now booking orders for exhibition birds, hens, cocks, cockerels and pullets for November shipment. Write your wants and I am sure I can supply you with the birds. Our birds have won the blue ribbons wherever shown.

D. O. FRIEND, : Brighton, Iowa

Single Comb Buff Orpingtons

5563 EGGS and 240 HEN HATCHED CHICKS

from 54 hens from January 1, 1912 to Sept. 1, 1912. No records broke---simply shows they are on the job for business. This years breeders, and young stock hatched in March, April and May ready to ship by November 1.

D. B. COOP

Perlee, : : : Iowa

Rose Comb Reds

500 Cockerels and Pullets; also a few yearling hens and cocks to select from at prices that will not scare you. I can start you right in R. C. Reds. I guarantee to please or refund your money.

E. B. Sinn, Box O, :- Brighton, Iowa

NOVEMBER, 1912

Volume 1

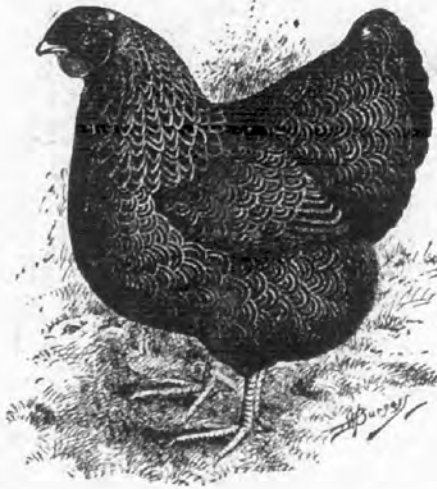
KIGER'S

Number 7

POULTRY JOURNAL

DEVOTED TO

Poultry, Pigeons, Bees, Small Fruit and Garden
BIG COLLECTOR'S DEPARTMENT



STANDARD BRED PARTRIDGE WYANDOTTE HEN

PUBLISHED BY

ORVIL L. KIGER,

BRIGHTON,

IOWA,

U. S. A.

25c a Year

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5 Years for 60c

James Carton

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Will be pleased to dispatch

WHITE ORPINGTONS

from England. Big framed, stocky birds that can win. Send postoffice draft and details of your wants and he will do the rest.

Morain Special Scratch Feed

Made from corn, wheat, kaffir corn, grit, beef scraps sunflower seed, charcoal, barley and oats. Superior to anything on the market.

Price \$2.25 F. O. B. Richland. Special price on 5 sack lots

Morain & Caughlan, : : : Richland, Iowa

Orpington Eggs

\$3.00 per 15; \$12.00 per 100

My birds are from \$50.00 and \$100 Kellerstrass trios. These birds have been laying all winter. From 17 pullets I got 332 eggs in the month of January. Cockerels \$2.00.

N. Roy Bowman, : : R. F. D. 1, Albany, Wisconsin

BARRED ROCKS

Cockerel mating pen headed by prize winning cockerel. Females sired by cock winning first in three shows. \$1.50 for 15 eggs.

Theo Seyb, = = = Richland, Iowa

Single Comb White Leghorns

Our stock are direct descendants of Chicago Winners. Pen 1, male scores 95, females score 95 to 95. Eggs \$2.00 per 15 or 30 for \$3.00. Range flock, eggs \$1.00 per 15; 45 for \$2.75; \$4.00 per 100. Satisfaction guaranteed. Stock for sale at all time. Order direct from this ad.

R. E. Brown, :: :: R. F. D. 3, Richland, Iowa

Black Langshans

Pens headed by males scoring 92½ to 94. Females score from 91½ to 95. Eggs \$1.50 per 15; \$2.50 per 30; \$7.50 per 100. Satisfaction guaranteed.

Mrs. Thos. Bottarff, - - Highland Center, Iowa

Dagle's-Buff-Rocks

STOCK FOR SALE! STOCK FOR SALE!

Have a good show record, have been line bred for years and are equal to any strain to be found, east or west. We have some large cockerels and pullets that are high exhibition quality, no matter what wanted, can fit you out on short notice. We always have some birds ready in condition to show. If you want a breeding pen mated in line to produce exhibition stock, we have it for you. If you want birds that will win for you, call on us, state just what you want, the price will be right. We have shipped stock and eggs to all parts of the U. S. and Canada. We guarantee satisfaction, hundreds of letters from satisfied customers

STOCK FOR SALE! STOCK FOR SALE!

OAK HILL POULTRY FARM

Joseph Dagle, Prop. ::= Richland, Iowa

THE BEST MARKET AFFORDS

S. C. White Orpingtons and Red Sussex Fowl

If you are in the market for anything this fall, let's get together on that chicken question. We can supply you with practically anything you want from a single bird to a large pen of seven, except that there is a shortage in White Cocks. Hundreds of Pullets, snow white, perfect pink feet, and long body. No other breed in our Orpingtons.

THE RED SUSSEX FOWL is the newest thing in the market. A deep dark, glossy, mahogany color, very stylish, and good weight, 7 and 8 pound hens, cocks 9 to 12 pounds. Any of your shows will make an entry for you, and pay same prizes as for standard types. They offer you the same advantages as any other breed, and a whole lot more profit.

OUR WHITE ORPINGTONS have great strength and stamina. Good for three solid seasons of laying, and then some. We do not breed from a hen under 175, and we know we are dangerously near the 200 egg point. We raised and have in our pens today 17 hens that have layed over 400 eggs in 24 months. We have a hen that layed 700 eggs. We also have a three year old hen that layed 79 eggs from March 1st to May 31st, which produced 71 chicks, of which 69 are living today. Here you will find 3 year old hens laying and moulting at the same time, 5 months old pullets with scarcely any comb, 7 pound cockerels too immature to crow. These birds are line-bred to lay, and every characteristic about them points to this fact. When they start there is no shutting them off for three years, and they never start until they are absolutely ready. Just so with our cockerels, they are big husky fellows that keep on growing until they are matured. If you want a bird that crows at 10 weeks and does more crowing than anything else the rest of his life, you will not find him here.

ELMER F. HAAG, -- Norwood Park, Chicago

Poulterer to His Majesty The American Citizen

James Carton

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To Own a Farm in the Famous "Upper Peninsula" of Michigan. The Land Where Farming Pays.

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20 YEARS TO PAY THE BALANCE

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Come with us to the best agricultural district in the United States, where we are now colonizing over 700,000 acres of choice land. Not only is the soil rich and fertile, the water sure and abundant and the climate exceptionally healthful, but the crops equal or excel in value those in many of the irrigated districts. The hunting, fishing and boating are the best in the country, and all natural resources and conditions unite to make the Upper Peninsula of Michigan the garden spot of the United States.

Timothy and clover Hay yields from 2 to 3½ tons per acre; winter wheat, 40 to 55 bu.; spring wheat 35 to 45 bu.; rye 30 to 40 bu.; peas 20 to 35 bu. and potatoes 200 to 480 bu. per acre. Apples, cherries, pears, plums and small fruits do fine. If you are thinking of buying a farm either for investment or general farming, hay farming, stock raising, dairying, etc., come with us and see what we have to offer and we will prove to your own judgment that there is not a better place to locate in the country than the Upper Peninsula of Michigan.

If in the city call at our office or phone Harrison 462 and our representative will call.

Our special excursion leaves Chicago every Tuesday night at 6:30 and arrives on the lands Wednesday morning. Round trip \$16.65.

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One of the most reliable nursery firms in the United States write us that they want men to solicit orders for Nursery Stock, Roses, etc. They pay cash weekly. Canvassing outfit furnished free. Experience not necessary. We advise any man who wants a good position to write them at once for particulars. Mention this paper when writing. [Adv.]

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4,000,000 PEACH TREES

June Buds a Specialty

No agents traveled, but sell direct to planters at wholesale prices. Absolutely free from disease, and true to name. Write for catalogue and prices before placing your order elsewhere. We guarantee our stock to be absolutely true to name. Largest Peach Nursery in the world. Address

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His own complete story of how he grows, what he grows, and how he markets is told in a book we give you. There is one item that he tells about that alone will save you \$10.00 in money. He shows how to build a greenhouse at a cost of \$100.00. Send us 25 cents for six months' trial subscription to *The Vegetable Grower* and this book will be sent you gratis.

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This paper is going to be the guide of every vegetable grower in America. Send 25 cents today, stamps or silver.

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We can save you money on any paper or magazine published. Send list for our lowest price. Kiger's, Brighton, Iowa.

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S. C. Black Orpingtons

Fishel White Rocks

(English Imported Stock)

Must be sold at once at utility prices. First prize winners. Send for this free illustrated booklet NOW. Ready for mailing Sept. 1st. Both old and young stock. I GUARANTEE SATISFACTION.

LYNN C. TOWNSEND, :- Box KP, Weedsport, N. Y.

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With intelligence if you expect good results. You must know the necessary ratio of food values. "21 BALANCED RATIONS FOR THE LAYING HEN" tells you how to feed to get good results and gives you 21 feeding rations of proven quality in condensed form. This leaflet is a complete chart of successful feeding and no progressive poultrymen should be without it. I will send a copy of these rations to any reader of "Kiger's" for 10c, stamps or silver. Write me today. L. C. TOWNSEND, Bx. KP, Weedsport, N. Y.

Stamp collecting is one of the most interesting and instructive pastimes for both old and young. It is a great help in studying

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Free use of a fine line of new poultry, live stock and fruit cuts. First-class stock.

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Envelopes, Standard XX, white, good quality	\$0.60	\$1.16	\$1.63	\$2.53
Envelopes, Superfine XXX, white, blue, buff, oxblood, etc.	.70	1.28	1.87	2.87
Envelopes, Standard Bond, white, blue, goldenrod, bluff, pink	.70	1.28	1.87	2.87
Envelopes, Fine Bond, same colors as above	.80	1.45	2.20	3.50
Envelopes, Fine Linen Finish, any color	.80	1.45	2.20	3.50
Envelopes, Official, 4½x9½, and Catalog, 6¼x9¼	.80	1.45	2.20	3.50
Letterheads, 8½x11, Standard White, 10-lb., ruled or unruled	.70	1.28	1.87	2.87
Letterheads, Standard Bond, white, blue, goldenrod, buff, pink, etc	.70	1.28	1.87	2.87
Letterheads, Superfine White, 12-lb., ruled	.80	1.45	2.20	3.50
Letterheads, Fine Bond, any color	.80	1.45	2.20	3.50
Letterheads, Fine Linen Finish, any color	.80	1.45	2.20	3.50
Business Cards, No. 48, fine enameled, round corners, ass'd tints	.60	1.16	1.63	2.53
Business Cards, No. 36, same as above	.70	1.28	1.87	2.87
Visiting Cards, correct sizes	.50	1.05	1.54	2.12
Shipping Tags, 5 EC, red, green, blue, yellow	.60	1.16	1.63	2.53
Shipping Tags, 8 EC, same colors	.80	1.45	2.20	3.50
Note Heads, 6x9½, white ruled, or any color bond	.60	1.16	1.63	2.53
Statements and Bill Heads same price as Note Heads.				
Egg Basket Labels, 4¼x7 1-3, white, blue, pink or yellow	.60	1.16	1.63	2.53
Egg Basket Labels, 4¼x7 1-3, printed in two colors	.70	1.28	1.87	2.87
Post Cards, illustrated, any breed, no special printing	.50	1.05	1.54	2.12
Post Cards, "Order Received," no special printing	.50	1.05	1.54	2.12
Post Cards, "Notice of Shipment," no special printing	.50	1.05	1.54	2.12
Post Cards, any above with printed card	.70	1.28	1.87	2.87
Post Cards, printed to order	.80	1.45	2.20	3.50
Circulars, 3½x6, 1 page, 150 words or less	.80	.90	1.35	1.80
Same size, 2 pages, 300 words	1.20	1.35	1.55	2.10
Circulars, 6x9, 1 page, 300 words	1.35	1.55	2.00	2.70
Same size, 2 pages, 600 words	2.00	2.55	2.70	3.60
Folders, 3½x6, 4 pages, 600 words	2.40	2.70	3.10	3.80
Same size, 6 pages, 900 words	3.00	3.35	4.00	5.10
Same size, 8 pages, 1200 words	4.10	4.50	5.40	6.60
Folders, 6x9, 4 pages, 1200 words	4.10	4.50	5.40	6.60

TERMS—Cash. Remit by P. O. or Express Money Order, Bank Draft, or Registered Letter. Printing in red, blue, brown, etc., costs 10 cents extra on each item. Write for prices on catalogues, etc. Write for special prices on large orders. All transportation charges prepaid.

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BRIGHTON, IOWA

The Leghorns

Standard and Non-Standard Varieties

Most Complete Text Book on the Leghorn Fowl Ever Issued.



144 Pages and Cover

This new and greatly enlarged edition, thoroughly revised and brought down to date, tells how to select and mate birds for the breeding pen; how to judge Leghorns in the show room; how to feed for heavy egg yield and fast growth. Some of the great commercial Leghorn egg farms described and illustrated.

Edited by J. H. DREVENSTEDT

Breeder and judge of 25-years experience; Member Standard Revision Committee of 1898, 1905, 1910.

Two Color Plates by F. L. Sewell

These picture ideal White Leghorns and the true colors of Brown Leghorn Feathers—Invaluable to all Leghorn Breeders.

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KIGER'S POULTRY JOURNAL
Brighton, Iowa

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Feb. 4-8—Burlington. Russell and Shellabarger, Judges; W. C. Kurrle, Secretary.

Feb. 11-15—Wapello. Shellabarger, Judge. H. B. Kelley, Secretary.

Secretaries and judges of Iowa shows will please cooperate with us by sending in dates of show, judges, secretaries, names, etc. Such should be addressed to Joseph Dagle, Richland, Iowa.

SNOWFLAKE White Indian Runner Ducks. Your chance to obtain a start of genuine Snowflake strain from the originator. Eggs until December, \$2.50 per setting. Mrs. E. E. Esbach, Stierm Ave., Indianapolis, Ind.

All American POULTRY BREEDERS

Should send for a free copy of

Great Britain's Premier Poultry Journal

"The Poultry World"

The Publisher, "The Poultry World"

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Kiger's Poultry Journal

BIG COLLECTOR'S DEPARTMENT

IN PLAIN ENGLISH FOR BEGINNERS AND WIDE AWAKE FANCIERS AND COLLECTORS

VOL. 1

NOVEMBER, 1912

NO. 7

Feeding Stock and Show Birds

By JUDGE JOSEPH DAGLE

The seasons have come and gone, and we have a new crop of chicks ready to show, and to fill orders either for show birds or for breeders. Some of you have been breeding for a number of years, while others of you made your start with standard bred stock this last spring.

Those who have been breeding and exhibiting for some years, are qualified to select stock for breeders and show birds, but those of you who have been in the standard bred business but a short time, still lack the knowledge necessary to select breeders and show birds, either for your own use or for sale, as it takes years of experience as a breeder and exhibitor to become competent to judge closely.

Many a would-be breeder has wrecked not only his own poultry ship, but the ships of others, by sending out stock in filling orders that were not what they should have been. The birds were nice large ones, they looked nice and all that, but when these birds fell into the hands of a competent judge they went down and out, and this caused all sorts of ill feeling, pointing in all directions. The judge is blamed in part, notwithstanding the fact that he done his duty—nothing more, nor nothing less.

The party who sends out such stock means well as a rule; he has studied his breed, and all that, but his limited number of years as a breeder and exhibitor leaves him lacking in knowledge necessary to judge clearly. If it could be understood generally that it takes years of experience to become a competent breeder and judge, we would have a less number of failures in the standard poultry business. If we don't know, and know that we don't know, we are not at all in a bad way, because we all can, but if we don't know, and don't know that we don't know, then we are in a bad way indeed, because when we are in that fix we won't stand for any dictation, no matter from whom it may come, notwithstanding the fact that we are wrong. We think that we are right, and if "every" body fails to fall in with us, we think that we are being imposed upon.

Now let's reason together for a few min-

utes, pick up your Standard and read the shape and color description for Partridge Wyandottes in shape. We read, neck well arched. What is a well arched neck? I can't find words to explain in a way that you could understand, but I could point out the bird with a neck "well arched" and thereafter you would know, you may refer to the picture, but yet the life size and the picture are a different line. The bird in the show room is the best to look upon while fixing type in your mind. We could go on through the list, but it is not necessary; you can understand why we use live birds in teaching the art of judging. What we would impress on your mind is that if you are a beginner in the standard bred business, you owe it to yourself and you owe it to others to gain a thorough knowledge of the breed that you have chosen, and if you are filling orders for breeding stock or show birds and haven't a thorough knowledge of your breed, you should employ some one who is competent to make the selection for you. And this rule will also apply in mating up your breeding pens. Some one will say that the prices obtained for stock sold will not warrant employing a judge to score the stock. Now let's see about that. You have twenty-five birds that are good to choice; you advertise them for are good to choice; you advertise them for inquiry asking what the birds score; you answer that they haven't been scored. Now nine times out of ten you never hear from that party again. On the other hand, you have those birds scored. They score from 89 to 92 points. (They are Barred Rocks.) You price them very low, from three dollars to twenty-five dollars each. The lot brings you one hundred and seventy-five dollars. Without the score card they bring one dollar each, or twenty-five dollars for the lot. Why is this? Just because past experience has taught some buyers that the "cheap" unscored bird is a lottery, and the buyer as a rule had rather pay several times the amount and know what they are getting. Does it pay to have them scored? And again, if you are young in the business it will be worth no little to you to have the

judge with you on your own ranch for a few hours, as much can be learned from the judge as he or she visits many poultry farms in course of a year and can tell you just how your ranch and stock compare with the other fellow's.

The judge can give you valuable pointers on mating for results, etc.

Let us all know more about the breed that we keep.

Let us all strive to produce better birds each season.

And above all things, let us know what we are breeding from and what we are breeding from and what we are sending out in filling orders.

The Hen on the Farm

By LYNN C. TOWNSEND

Just because a farmer keeps a few mongrel hens is no reason why farmer's wife or son shouldn't embark in the pure bred poultry business. If the American farmer could realize the immense possibilities of the standard bred poultry business, their mortgages could be cleared away much sooner than otherwise.

No matter what breed you start with, get the best you can. Watch out for quality rather than quantity. If you can afford only one well bred trio, better get them instead of mongrels. A good start, even if slow, can be made from purchasing eggs for hatching. Keep only one breed. In some cases one man has handled three or four breeds with success, but in more cases three or four breeds will ruin one man with success. All of the men who have made money in the poultry business are usually the ones who have devoted their time and money to but one breed.

And still comes the question of the "best breed." All of the varieties are "best" if you make them so. However the American class is recognized as the main stand-by of the farmer, and from this class it would be a difficult matter to select one that would prove superior to the others. All have their faults and virtues. The enormous quantity of Plymouth Rocks seen on the farms seems to be conclusive evidence that they are the farmers favorite.

But the business doesn't stop here. You may have selected your breed, and purchased the finest fowls you can, and yet the results are not satisfactory. No matter if your birds are standard bred, if they are kept in any old way, they will certainly run down. Give them a little care and thought. Feed them plentifully, and see that your buildings are in a good and sanitary condition. Success or failure depends mainly on the care given the stock, not the breed you begin with.

Purchase a Standard and carefully study it. Then take it under your arm and go through your yards. Are they up to grade in every way? Have they the proper shape? If you find that you have a flock without a blemish, you are certainly lucky. But otherwise start in gradually to cull out the poorer birds. By culling carefully and breeding only from the best birds, a fine flock should be built up.

On too many farms, a hap-hazard method of keeping poultry is followed out. They are allowed to roost in the trees or in an old shed; are fed nothing but whole corn the year round, and gradually the egg supply begins to decrease, you keep hatching poorer chickens each year until you finally give up the whole business in disgust. Use modern methods of breeding; keep your birds in a decent place and feed them a balanced ration. It pays.

Poultry Notes

The American Poultry Association are at work on a standard for market poultry and eggs. The adoption of a standard whereby all poultry and eggs for market purposes shall be measured, means that the quality

of their products which are offered for food will be vastly increased and the corresponding conservation and selection of poultry stock which will be made by the farmer, will insure to him more money for his efforts.

Green Food for Winter

By PRESTON POLHEMUS

In the spring, when the natural thing is for a hen to produce eggs, there is an abundance of sweet, juicy, tender spears of grass. These are greatly relished by the hen and she consumes large quantities of this natural food. The winter is the unnatural time of egg production and the hen must have special help if she is to do the unnatural thing. She needs to be protected from the cold winds, have a place where she can scratch, take a sun and dust bath and get good food.

There are many means of supplying green food, but we wish especially to speak of sprouted oats. The method of sprouting is of little importance; one can do it the way most suitable to their convenience and needs. The writer soaks a quantity over night in a pail. The aim is to have them covered with water. In the morning they are turned out into a box and spread around so as to cover the bottom of the box to a depth of about one and one-half inches. They are then placed in a moderately warm place and sprinkled two or three times a day to keep them moist. In a few days the sprouts will begin to appear. First the part that would form the root of the plant, then the part that would naturally grow up into the air. When these sprouts are from one-half to one inch long they are ready to feed. In fact this is the best time to feed them. A piece of this sod six inches square makes a delicious daily ration for twelve or fifteen hens.

This green food is not a stimulant, but an egg food as well as an aid to digestion. It also furnishes bulk to the feed and when properly fed splendid results may be expected in the way of large quantities of eggs that have vitality in them if they are desired for incubation. However, the writer has found that some care needs to be exercised in their use. If they are let grow too long before feeding the sprouts and the roots become tough. The roots will become almost a solid mat of tough fibrous sub-

stance which may lodge in the crop. A small piece once retained may gather more around it and a case of "crop bound" results. The writer once had two cases.

One morning upon going out a hen was sitting on the roost while the others were singing and scratching about. A little examination revealed that the crop was partially filled. There seemed to be water, air and some hard substances within. This being the first case, we did not know what the trouble was or what to do, but thinking it a case of indigestion we began along that line, but to no result. Finally we guessed it might be "crop bound," and gave oil and kneaded the crop. Sometimes this will give the desired result and the mass will pass on naturally, but in this case the patient was none the better, but gradually grew weaker. Then we determined upon an operation. The bird was placed upon the operating table and a slit about an inch long was made in the skin, then in the crop, and the contents washed out. The crop and incision was disinfected with a solution (one part to three) of hydrogen peroxide and water. Now "the operation was very successful," and "had the patient been able to stand the treatment she would have gotten well," "but she died."

However, we had learned some lessons. One was that "an operation must be done in time." In a few weeks we found one of our best White Orpington hens sitting on the roost with a lump in the crop. As she was especially valuable because of high scoring qualities we decided to waste no time. The operation was performed as before, and she was placed on soft diet a few days. In about two weeks she was back "at the old stand" singing and producing eggs. Thus we saved a most valuable hen.

These experiences taught us to feed the sprouted oats before they got too old or to cut them up so as to be easily handled by the birds. From that time on we have gotten good results from sprouted oats as a green food and have had no trouble.

Poultry Notes

Don't fail to exhibit some of your best birds at one or more poultry shows this season. The Poultry Association needs your help. The American Poultry Association and the local Associations have made the poultry industry what it is today.

Oklahoma and Arkansas are teaching

poultry raising in their schools and a dissemination of knowledge along this line to the young all over the nation will mean that we will bring up in the coming years a generation of meat producers, the American Poultry Association are at work on a text book to be used in the schools all over the land for elementary educational work.

Late Fall Garden Notes

By all means don't neglect to clean up the garden and truck land this fall. You could afford to do it just for the benefit of the appearance of your home. Then, too, you have just that much done towards your next year's crops, and it will save time in the spring that might cause you to neglect getting your hotbeds and cold frames started at the proper time, when the first nice warm days come.

The dead vegetable growth, if left stand all fall and winter, makes a good hiding place for insects to lay eggs and for mice—and also holds the moisture and keeps the ground from drying out quickly in the early spring.

Spade up beds or plots for very first early vegetables, that the ground may dry out more quickly in the spring.

And let us say right here, that it is a mistake to plant in beds, even in the family garden, except possibly that for some first early vegetables that can be planted in some warm sunny plot near a tight fence or building with a southern exposure. Beds will not hold the moisture during a drouth, can never be cultivated properly, and then only by hand.

Plant the little truck in long rows, a suitable distance apart, and either cultivate

with a hand hoe or if possible a good wheel hoe. The wheel hoe is best, as you can go over the ground so much more quickly, as well as with less effort, and oftener, never letting the weeds get started, and every week or after every rain, never letting a crust form, and thereby holding all the moisture possible.

The larger part of the garden should be planted wide enough apart to admit horse cultivation. Just take our word for it, and try planting in rows the coming season and you will never go back to the old way.

If you want some real early onions next spring, prepare a plot of ground by working the soil up fine and working out in rows about ten inches apart and set out the sets as in the spring, only plant a little deeper. Cover the plot later with a good dressing of well rotted manure, and this protects the tender onions from freezing and makes the soil rich, too. You will have onions much earlier than if you wait until next spring to plant them.

After we get our publishing business located on the farm—we will tell you what we are doing each month.

Let us hear from our readers from time to time. Remember we are always glad to get something interesting to publish, too.

Onion Growing

The first thing to be considered in growing onions is the land. It must be of a sandy, very friable nature, which will not bake or harden with the spring rains, to prevent the seed from coming up quickly. Onions are a very difficult seed to get up, even under the most favorable conditions. Getting the seed up quickly is the most essential thing in onion growing.

To prepare the ground, spread well with stable manure, the latter part of August or early in September, then plow in well and as deep as possible and let it lay unharrowed until spring; then plow again as soon as the ground is dry enough to work, but not so deep; after plowing, harrow with spike toothed harrow, the way it was plowed. Then sow fertilizer broadcast or with a drill for that purpose, which will distribute it more evenly, about 500 pounds to the acre. I have sown as high as 1,000 pounds to the acre, which will give a larger crop if the ground is in good fertile condition. Less will die, but never be sparing with the stable manure, as the fertilizer is mostly used for forcing the crop more quickly, in case

of a dry season. Then cross the ground with a disk harrow, having a man follow picking all the stones, sticks and rubbish of all kinds which will interfere with drills or wheel hoes. Harrow with spike tooth the long way after the disk, then let it lay about two hours to let the ground dry on top. We have an implement for smoothing and leveling the ground before the sowing, which should be now used. Take a Planet Jr. or Iron Age or any good seed drill and set to onion dial. These drills will sow the seed the regulation thickness. Allow 15 inches between the rows.

Never thin an onion bed, for after thinning the onions are apt to take the blight or rust, and never grow much larger than a quarter piece, and this is caused by disturbing the roots of the remaining ones. The onion has the longest root of any vegetable, and by sowing the seed early in the spring it gives the onion the advantage over the weeds. You need never worry about the frost injuring the seed or the onions, they are frost proof.

As soon as the onions are an inch above

Display 40 to 60 Cents an Inch

Until January 1, and on yearly contracts will take at least one-half in stock, eggs or chicks.

See Display Space Rates on Page 14 of this Magazine.

SEND us an order for our Fine Printing amounting to \$4.00 or over and we will give you credit for one-half the amount of your order on a one year's advertising contract.

See Price List of Fine Printing on Page 7.

Dagle's Poultry Department

By JUDGE JOSEPH DAGLE

Housing and Shipping Show Birds

It is an awful sight to see birds in the show room with frozen combs and wattles, but they come every year. It seems that past experience fails to teach some people.

Fowls should not be kept where combs will freeze, as it not only makes them unsightly, but it cuts down their vitality and their score, and hens can't lay many eggs if kept in a house where it gets cold enough to freeze combs. They get chilled through, and never get over it.

Birds that are kept in frost proof houses are sometimes shipped in open top coops in zero weather, and frozen combs is the result.

Better shipping coops should be used, no matter what the season. I have seen fine birds shipped in cracker boxes, and in fact I have seen birds shipped in lemon boxes. While the coop in which a bird is shipped has nothing to do with the quality of the bird, yet to ship a bird in a cramped up condition does not add to the looks or the vigor of the bird, and a fine bird received in a cracker box does not make a very good advertisement for the breeder who sends birds out that way.

Nice neat coops can be bought very reasonable and they are worth several times their cost as an advertisement for the shipper.

If birds are kept in exhibition coops in houses in cold weather, the coops can be covered with some extra covering during the cold night, and in this way prevent freezing of combs and wattles. Sometimes wattles get frozen by getting wet at the drinking fountain; on cold days the water

should be put before the birds several times a day and allowed to remain till all have drunk, and then taken away. The choicest birds should be wiped dry around throat and wattles, as that will prevent freezing to some extent.

It is not advisable to put water in shipping coops in cold weather. Birds that are washed before shipping should receive an application of alcohol and sweet oil (half and half) all about the smooth part of head. The feet and legs should receive an application of the mixture also, as this will prevent taking cold.

In case birds should take cold, a quinine capsule (2 grains) should be given twice each day for three days. A teaspoonful of castor oil given with first capsule, will throw off a cold as a rule.

In case birds should get frozen, the frost should be taken out by applying snow or ice water to frosted parts, after which apply a mixture of turpentine one part, to lard twenty-five parts. This mixture can be used on frosted part till cured. An onion put in the shipping coop will help to keep the birds in healthy state.

Notes

The beef supply is growing smaller every year. The people will have meat; there is no danger of our overstocking the market with nice clean poultry.

Oskaloosa, Cedar Rapids, Sioux City and Des Moines are all out for the annual meeting of the state branch of the American Poultry Association. All have a bunch of hustlers at the head of the Associations. Personally, we would like to see the meeting go to Oskaloosa.

Richland Poultry Association will hold their show December 10 to 13, 1912. A nice list of silver cups will be offered. Premium list now ready.

Dallas County Poultry Association will hold their show December 4 to 6, 1912. Gay H. Hall, Dallas Center, Iowa, will be pleased to send premium list. This is always a good show.

Murphysboro, Illinois, will hold their show December 17 to 20, 1912. O. L. Rawlings is secretary. Send for premium list. This is the big show in that part of the state.

Fairfield, Iowa, will hold their show December 24 to 27, 1912. L. A. Powers, Secretary. This will be a good show.

Grinnell, Iowa, will hold their show December 30, 1912 to January 3, 1913. D. A. Hopkins, Secretary. This show will be a hummer. Don't fail to send for premium list.

Oskaloosa, Iowa, will hold their show on January 6 to 10, 1913. This will be one of the best shows in the state this season. Every penny offered as prizes will be given out to some one. James Bass is secretary. Don't fail to send for premium list.

We have started our work of judging this season and note that the quality of stock this season is ahead of the last season's crop.

If you have stock for sale, just advertise them, and they will sell at good prices.

Comparison judging may be all right, but when we exhibit and get left outside of the money, we all like to know how we stood as compared with the winners. The score card alone will tell the "whole story." When we want to buy, we all ask the question: "How much does he score, and who scored him?"

Dagle's department is short this month, because Mrs. Dagle's father, Grandpa Brodhar, had an operation performed just at the time when we should have been at work on the paper.

Don't put off covering the strawberry bed too long, use for covering, straw that has been used in the hen house and scratching sheds, as all of the grain and weed seed will have been taken out by the fowls. Cover about three inches deep.

Set up some cord fodder about the peach trees and the same to. This will prevent the limbs from freezing. Don't use too much though, as to do so may cause dry rot which will kill the trees.

Report and comment on the egg laying contest next month. Don't miss it.

The Poultry Show

The show season is now, and every breeder of standard bred fowls should show his

best birds at one show at least.

If you have nice stock it will be the best advertisement that you can get, although you may not win a prize, and should you land a place among the winners, there will be no end to the good it will do as an advertisement.

And on the other hand, if you have but limited experience as a breeder and exhibitor, you should not miss showing at as many shows as you can, as more real knowledge can be gained in one day spent in the show room than could be gained in years at home with reading matter alone as a teacher.

Many young breeders stay away from the show, or rather fail to exhibit at the show, because of the fact that they are afraid that their birds are not good enough to warrant showing them. This is a mistake in many directions. If you live in a neighborhood where there are several breeders, you can all club together and secure the services of a judge to come and score your birds some weeks before the show. In this way your best ones will go to the show, and you can feel safe that they will be a credit to you.

Collector's Department

STAMPS, COINS, CURIOS, ETC.

PANAMA FAIR STAMPS O. K'D.

Postmaster General Hitchcock has approved the proofs of the new issue of Panama-Pacific postage stamps.

The series comprises denominations of 1, 2, 5 and 10 cents. The stamps are to be 3-4 inch high and 1-1-16 inches long. At the top appear the words "U. S. Postage" and "San Francisco, 1915," the place and time of the Panama-Pacific Exposition. In the left border is represented a branch of laurel and in the right a palm branch. A numeral expressing the denomination is shown within a circle in each lower corner, with the word "cents" between.

The 1-cent stamp is green and bears a portrait of Balboa; the 2 is red, with an engraving of the Gatum locks; the 5 is blue, with an engraving of the Golden Gate, and the 10 is a dark orange, bearing a reproduction of the painting, "Discovery of San Francisco Bay."

Mr. Hitchcock has directed that 80,000,000 ones, 150,000,000 twos, 8,000,000 fives and 5,000,000 tens be prepared by the bureau of engraving and printing. They will be placed on sale at all postoffices on January 1 next.

PARCELS POST STAMPS.

Arrangements have been made by Postmaster General Hitchcock for the engraving and manufacture of a series of twelve stamps, unique in size and novel in design, for exclusive use in the forwarding of packages by the new parcels post. Under the law recently enacted by congress, ordinary stamps cannot be used for this purpose. The special parcels post stamps will be larger than the ordinary stamps and will be so distinctive in color and design as to avert any possible confusion with the stamps now in use. The new issue will be in three series of designs. The first will illustrate modern methods of transporting mail, one stamp showing the mail car on a railway train; another an ocean mail steamship; a third an automobile now used in the postal service; and a fourth the dispatch of mail by aeroplane. The second series will show at work in their several environments the four great classes of postal employes—post-office clerks, railway mail clerks, city letter carriers and rural delivery carriers. The third series will represent four industrial scenes, showing the principal sources of the products that probably will be transported extensively by parcels post. The stamps will be ready for distribution December 1, in order that the 60,000 postoffices may be supplied with them before the law becomes effective January 1, 1913.

STAMP NOTES.

It is reported that George H. Worthington of Cleveland paid \$5,000 for the two Hawaiian missionary stamps in his collection.

The Swedish Philatelic Society is the second largest and oldest in the world, and every member is of age. The Crown Prince of Sweden and the King of England are two of its members. Consul Sixten Kyser has been its president for years.

The King Albert Belgian stamps are printed at Malines and the designing and engraving was done by M. Ed Pellens, professor at the Academy of Fine Arts, at Antwerp.

The new King Peter of Servia set is like the large portrait Italian stamps. Probably they gave their engraver his idea.

The watermark in the stamps of Great Britain is to undergo a change.

The intricate net work of fine lines used in the engraving on stamps as a ground-work is done with a machine.

Those who collect stamps simply as an investment really know little more of the teachings of philately than the non-collector. Pleasure from the study of stamps is the thing.

As we understand it Bavarian jubilee stamps are not good to carry letters beyond

the boundaries of that country.

We have seen it estimated that twenty-five per cent of the school children of Chicago are more or less interested in stamp collecting. Probably the estimate is high, but a lot of 'em collect.

Many stamp collectors are extremely careless and are the cause of much annoyance to dealers who send out approval sheets. Many times they lay letters containing sheets to one side and without taking the trouble to look them up, write the dealer that they have been returned. Afterwards the stamps turn up.—Philatelic West.

Advertisements

Collectionists: Will exchange stamps with all countries for Europe's and French Colonies'. Mlle. Emilie Jolly, Rue de la 1/2 Sune, Amiens, France.

A. J. STOREY, Blantyre, Nyasaland will exchange stamps of Central Africa and colonies, Stanley Gibbons' Basis. Send selections.

LINCOLN "B. V. D." Pennies, Rare. 25 cents each. I buy old issues U. S. bills. A. A. Leve, Box 495, Syracuse, N. Y.

WANTED—Philatelic Literature: The Stamp, Denver, Vol. IV, No. 1; Phil. Gazette, Altoona, Pa., Vol. I No. 1. W. R. King, Grand Island, Neb.

ILLUSTRATED ALBUM, 500 spaces with 250 varieties and 500 hinges, 12 cents; with 500 varieties, 75 cents. Stamps bought; send samples, will quote prices paid. M. Wright, 37 Norton St., Dorchester, Mass.

**Philadelphia
STAMP NEWS**

Issued every Saturday.

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Sixteen Pages Every Week.

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Classified Advertisements---1 Cent a Word

Langshans

Black Langshans—Cock bird scoring 93½. One excellent pair for \$5.00. A. A. Marris, Box 386 North Adams, Mass.

Rhode Island Reds

For Sale—Rhode Island Reds, rose and single comb cockerels and cock birds. W. R. Forderbase, Berger, Mo.

R. C. Reds—Stock for sale, cockerels, pullets and cocks. Bean-Buschmann strain. We are booking orders for eggs for spring delivery. O. O. Bowers, La Porte City, Iowa.

Wyandottes

Columbian Wyandottes—Prize winners. Eggs for setting, prices on application. Also medical advice on poultry. Prof. V. Croncy, 4930 Van Wyck Ave., Dunton, L. I.

White Wyandottes—Bred for fancy and utility. Stock and eggs for sale from blue-ribbon winners and winter layers. Prices reasonable. O. A. Burt, Albany, Wis. Mention Kiger's Poultry Journal.

Ducks

I have some White Indian Runner Ducks to close out at reasonable price. If you want any write me what you want. I will quote you prices. M. H. Bailey, Arodale, Ga.

White Indian Runner drakes for sale, blue-ribbon winners at Rutland county fair, \$3.00 each. Will exchange for Buff Orpington pullets or hens. Mrs. H. B. Tabor, North Clarendon, Vt.

Several Varieties

Write me if you need some Cornish Indian

Games to improve your stock. I have some that will open your eyes, all from high scoring birds, also Golden Seabright Bantams. L. M. Parr, Weldon, Iowa.

"Beauty Strain" White Rocks and Blue Andalusians, best winter layers. Book orders early for spring delivery. Eggs \$2.50 per 15, satisfaction guaranteed, all infertile eggs replaced. Edward Iverson, Galva, Ill.

Black Orpington cockerels and Pekin drakes, young first class stock, extra large, fine color, \$2.00 each if taken at once. Eggs in season. Wilbur Henry Leitch, Raleigh, Saline Co., Ills.

White Orpingtons—Old and young stock, all scored. Also some choice Rose Comb Rhode Island Reds. Mrs. Harry Kracaw, Washington, Iowa.

For Sale—Rose Comb Rhode Island Red, Silver Laced Wyandotte and Mottled Ancona cockerels at \$1.00 each. Joseph Henke, Ft. Loraine, Ohio.

For Sale—Buff Orpingtons, Rose Comb White, Lghorns and Partridge Wyandottes. Extra fine lot, will make you some prize winners. Prices reasonable. Satisfaction guaranteed. Moehrl Bros. Poultry Yards, Marshalltown, Ia.

Eggs from S. C. Buff Orpingtons, R. I. Reds, Barred Rocks, White Cochins Bantams and Pekin Ducks 15, \$2.00; White Indian Runners 12, \$2.00. Henry Fitzkam, St. Genevieve, Mo.

Baby Chicks

BABY CHICKS and eggs in season. Rhode Island Red Specialist. Foundation stock; Thompkin's strain. None better. Sold under our guarantee. C. D. Bassett, Mgr., Rhode Island Red Poultry Yard, 7837 Dobson Ave. Grand Crossing, Ills.

Baby Chicks.—Bridgewater and Owen Farm Strain S. C. Buff Orpingtons. Ten chicks, \$3.00; 20 chicks, \$5.00, and one 50-chick size fireless brooder with each order. I guarantee chicks to equal any you can buy costing \$1.00 each. Save time; send order direct from this ad. Satisfaction guaranteed. Chas. Johnson, No. 1 Hoyles Avenue, Aurora, Ill.

Nursery Stock

Gooseberries at wholesale: Red Jacket layers, 1st class, \$3.00 per 100; \$20.00 per 1000. Downing layers, 1st class, \$3.00 per 100; \$20.00 per 1000. Downing, 2-yr., No. 1, \$8.00 per 100; \$60.00 per 1000. Red Cross Currants, 1 yr., No. 1, \$5.00 per 100; \$40.00 per 100. Order now. Terms cash with order. Wm. Mandel, Nurseryman, Bloomington, Ills.

\$25,000 made in spare time. Raise Golden-seal. Circulars free. Bowman Gardens, Box 33, Albany Wis.

Fruit Growers Awakening

Fruit growers, at least those of Michigan, have awakened to the benefits of advertising and have begun a campaign to market their product to the consumer direct, in cities within reasonable distances, instead of shipping to commission men.

It is significant that the Michigan growers are adopting the "community in advertising" plan. For the present their advertising is done in the name of the fruit growers' associations.

Attractive "copy" is furnished for the display space being used—especially in that it offers the consumer grapes or fruits at farm rates, with express charges added. The announcements quote express rates from the growing locality to the cities where the advertisements appear, so the reader may know to a cent what one, two or more bushels of product, shipped fresh from the farm, will cost him.

This is merely the forerunner of individual advertising by farmers, who soon will have the opportunity of taking advantage of the parcels post to send their product to city consumers without intervention of a third, fourth or many more profit taking parties.

While farmers will profit by individual advertising, they will conserve their own interests best by following the "community" idea. If a dozen or more farmers in a single district will combine their advertising under a large display heading, giving their locality a distinctive name, they soon will make the locality as famous as the Rocky Food micron districts of Colorado, and will

Miscellaneous

Unheard of bargaining to make room for winter. Kellerstrass White Orpingtons \$1.00 up. Young's White Leghorns and Silver Campine cockerels at equally low prices. Speedwell Poultry Farm, Cannonsville, N. Y.

BARGAIN: 1 Clover Cutter; 2 Hot Air Brooders, 150-300; 4 Fireless Brooders, 60 size; 2 Petaluma Incubators, latest models; 1 Feed Mixer, 100 qt. size. Reason for selling. Jas. Houck, Tiffin, Ohio.

Pigeons—All varieties cheap for quick sales. Racing Homers and Dragons a specialty. Circular free. Common pigeons wanted. McLaughlin's Pigeon Lofts, 119 Huron St., Port Huron, Mich.

Rabbits—Flemish Giants, Belgian Hares, Lap Ears, Angora Rabbits, Cavies, Pheasants and all of pet stock. Book on Rabbits 25 cents. Poughkeepsie Rabbitry, 22 Gate St., Poughkeepsie, N. Y.

benefit correspondingly in increased profits, because well advertised products always bring the highest prices.

October advertising by fruit growers pertained mostly to grapes, but the apple season is opening and for the next three months, live agriculturists will add greatly to their chances of buying autos by the use of generous space in the newspapers of cities within inexpensive shipping distances of their localities. Lowering of the express rates, scheduled for January 1, will greatly extend the distance to which they can make shipments direct to the consumer and the consumer will profit by having freshly delivered goods at a considerable saving to himself.

RICHLAND POULTRY ASSOCIATION

This is one of the oldest Associations in Iowa, and it bears a reputation of the highest order.

Regular weekly meetings are being held and everything is being done to make their next show the best ever held in this part of the state. The dates of the show are December 10, 11, 12 and 13, 1912.

Thirteen fine large silver cups will be awarded, and regular cash premiums will be paid, together with a long list of specials.

Judge Doyle will make the awards, which is a guarantee of correct and honest work in judging. This is always a quality show and no matter what you breed, you will find competition at this show.

Premium list will be ready early.

J. W. HALLOWELL, Sec'y.
Richland, Iowa.

SECRETS OF SUCCESSFUL POULTRY RAISING

POULTRY

SUCCESS and successful poultry raising are easily within the reach of everyone. Thousands every year take up poultry

raising either in a large or small way. Many fail because they try to follow some SYSTEM they have been induced to buy that is not practical or involves so much labor as to be unprofitable to them. With Poultry Success, a reliable guide every month, and either the BRIGGS METHOD book or the SMITH METHOD book, or both, failure is impossible.

BRIGGS — METHOD — SMITH

Best, Simplest, Most Practical

There is nothing difficult or complicated about either the BRIGGS METHOD or the SMITH METHOD. The equipment is also very simple and easy to make. One man can easily care for as many as 2,000 layers and 3,000 chicks. EQUALLY SUCCESSFUL FOR SMALL OR LARGE PLANTS.

FOLLOW BRIGGS OR SMITH AND SUCCESS IS YOURS. Sick fowls are rarely seen, more eggs are hatched, more chicks are raised to maturity, the egg basket is filled oftener, and the FEED BILL IS CUT AWAY DOWN.

LESS MONEY REQUIRED, MORE MONEY MADE. Every branch of poultry keeping is thoroughly covered from start to finish. The priceless secrets of many years' experimenting may now be yours. Every poultry raiser can increase his profits greatly by using the BRIGGS or SMITH METHODS. (Briggs Method is unequalled for free range, and is most successful also in confined quarters. Smith Method is unquestionably without a rival for close quarters as well as confinement.) Let us help you to success with poultry through POULTRY

SUCCESS

A Feast of Facts and Sensational Secrets

(Continued on next page.)

Briggs	Feed
Method	Time
Smith	Labor
Method	Money
SAVE	Chicks
	Equipment

POULTRY SUCCESS DOES THE REST

A New Offer:

We will send (1) a copy of the 100 page Briggs Method Book (new and latest revised edition) containing PROFITS IN POULTRY KEEPING SOLVED, and (2) the invaluable SECRETS IN POULTRY CULTURE, giving to the world secrets of Mr. Edgar Briggs, easily America's Thomas A. Edison of the poultry world; also (3) the new book and latest revised edition of the SMITH METHOD OF POULTRY KEEPING, and (4) include a year's subscription to Poultry Success, one of the oldest, largest and best poultry magazines published--monthly from 86 to 236 pages, full of interesting and valuable poultry news, facts and illustrations (subscription price 50 cents per year).

Sample Copy FREE. Stamps accepted.

ALL FOR ONLY \$1.50

This offer has never before been made and is only for a limited time

We will send either the Briggs Method book or the Smith Method book, and include a year's subscription for only \$1.00. Books and magazine can be sent to different addresses if desired.

THE A. D. HOSTERMAN CO., Publishers

Publication Office, SPRINGFIELD, OHIO

WESTERN OFFICE
1417 32nd St.,
DES MOINES, IOWA

EASTERN OFFICE
Press Building
BINGHAMTON, N. Y.

A Big Bargain

Every family should take advantage of this splendid offer and buy their reading matter of us. Here is our special offer: KIGER'S POULTRY JOURNAL for (5) five years and your choice of any of the following 30 combinations for only \$1.05. Besides six sheets of the latest Songs and Music will be sent to every subscriber Free. If you are already a subscriber to any of these publications, you can renew and your subscription will be extended for another year:

CLUB NO. 1.

Woman's World, one year.....	\$.35
Farm and Home, one year.....	.50
Home Life, one year.....	.50

\$ 1.35

CLUB NO. 2

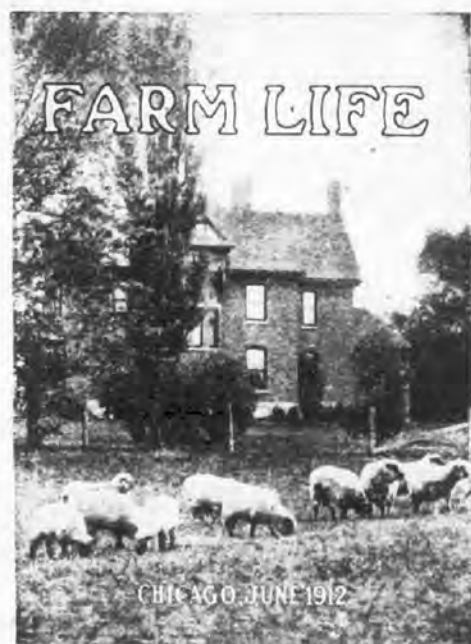
Needle Craft, one year.....	.25
Woman's World, one year.....	.35
Home Life, one year.....	.50

\$ 1.35

CLUB NO. 3.

Woman's World, one year.....	.35
Kansas City Weekly Star, one year.....	.25
Home Life, one year.....	.50

\$ 1.10



CLUB NO. 4.

Woman's World, one year.....	.25
Prairie Farmer, one year.....	.50
Home Life, one year.....	.50

\$ 1.35



CLUB NO. 5.

Woman's World, one year.....	.35
Farm, Stock and Home, one year.....	.50
Home Life, one year.....	.50

\$ 1.35

CLUB NO. 6.

Woman's World, one year.....	.35
People's Popular Monthly, one year.....	.25
Farm and Home, one year.....	.50

\$ 1.10

CLUB NO. 7.

Woman's World, one year.....	.35
American Poultry Journal, one year.....	1.00

\$ 1.35

CLUB NO. 8.

Woman's World, one year.....	.35
Farm Journal, one year.....	1.00

\$ 1.35

CLUB NO. 9.

McCall's Magazine, one year, with free pattern.....	.50
Woman's World, one year.....	.35
Agricultural Depitomist, one year.....	.25
Farm Life, one year.....	.25

\$ 1.35

(Big Clubbing Offer---Continued from Page 24)

CLUB NO. 10.

Woman's World, one year.....	.35
McCall's Magazine, one year, with free pattern50
Farm and Home, one year.....	.50
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	\$ 1.35

CLUB NO. 11.

Woman's World, one year.....	.35
McCall's Magazine, one year, with free pattern50
Home Life, one year.....	.50
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	\$ 1.35

CLUB NO. 12.

McCall's Magazine, one year, with free pattern50
Farm Journal, five years.....	1.00
	<hr/>
	\$ 1.50

CLUB NO. 13.

Iowa Homestead, one year.....	1.00
Kansas City Weekly Star, one year.....	.25
Farm Life, one year.....	.25
	<hr/>
	\$ 1.50

CLUB NO. 14.

Woman's World, one year.....	.35
Successful Farming, one year.....	.25
Home Life, one year.....	.50
	<hr/>
	\$ 1.10

CLUB NO. 15.

Farm Journal, five years.....	1.00
Farm and Home, one year.....	.50
	<hr/>
	\$ 1.50

CLUB NO. 16.

Woman's World, one year.....	.35
Farm and Fireside, one year.....	.50
Home Life, one year.....	.50
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	\$ 1.35

CLUB NO. 17.

Farm Journal, five years.....	1.00
Farm and Fireside, one year.....	.50
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	\$ 1.50

CLUB NO. 18.

Woman's World, one year.....	.35
Farm and Fireside, one year.....	.50
Farm and Home, one year.....	.50
	<hr/>
	\$ 1.35

CLUB NO. 19.

McCall's Magazine, one year, with free pattern .....	.50
Prairie Farmer, one year.....	.50
Farm Life, one year.....	.25
	<hr/>
	\$ 1.25

CLUB NO. 20.

Prairie Farmer, one year.....	.50
Farm Journal, five years.....	1.00
	<hr/>
	\$ 1.50

CLUB NO. 21.

Farm Journal, five years.....	1.00
Farm and Fireside, one year.....	.50
	<hr/>
	\$ 1.50

CLUB NO. 22.

Household, one year.....	.25
Home Life, one year.....	.50
Kansas City Weekly Star, one year.....	.25
Household Guest, one year.....	.25
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	\$ 1.25

CLUB NO. 23.

Inland Poultry Journal, one year.....	.50
Farm and Home, one year.....	.50
Home Life, one year.....	.50
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	\$ 1.50

CLUB NO. 24.

Woman's World, one year.....	.35
Household, one year.....	.25
People's Popular Monthly, one year.....	.25
Home Life, one year.....	.50
	<hr/>
	\$ 1.35

CLUB NO. 25.

Woman's World, one year.....	.35
Home Life, one year.....	.50
Farm Life, one year.....	.25
	<hr/>
	\$ 1.10

CLUB NO. 26.

Farm Journal, five years.....	1.00
Successful Poultry Journal, one year.....	.50
	<hr/>
	\$ 1.50

CLUB NO. 27.

Iowa Homestead, one year.....	1.00
Successful Poultry Journal, one year.....	.50
	<hr/>
	\$ 1.50

CLUB NO. 28.

Prairie Farmer, one year.....	.50
Woman's World, one year.....	.35
Successful Poultry Journal, one year.....	.50
	<hr/>
	\$ 1.35

CLUB NO. 29.

American Poultry Journal, one year.....	1.00
Farm and Home, one year.....	.50
	<hr/>
	\$ 1.50

CLUB NO. 30.

Woman's World, one year.....	.35
Opportunity, one year.....	1.00
	<hr/>
	\$ 1.35

Mail your order to KIGER'S POULTRY JOURNAL, Brighton, Iowa

TURKEY EGGS

M. B. Turkeys, large boned, Fine plumage. Toms weigh 35 lbs.; hens 18 to 20 lbs. Eggs 20 cents each, securely packed and satisfaction guaranteed. Order early.

EDNA STITT, : : PEKIN, IND.

Wanted: Old Books

Have you any old books on the Indians, the early history of the West. Archoeology, the Missouri River Region, the Plains, Reminiscences of Early Days, etc.? If so what do you want for them, cash or exchange?

George J. Remsburg

Potter, : : : : Kansas

Don't Sell Your Eggs!

When they are cheap, pack them with my new method, will keep two years... will be as fresh as new laid eggs. No special place required to store them. Cost only $\frac{1}{2}$ cent per dozen to pack them. Write me for circular.

MRS. B. F. WILCOXON

Dept. W : : Hillsdale, Wyoming

AT L. H. PADELLFORD'S

POPULAR PHILO PLANT AT NEVADA, IOWA

You can get eggs from the very best Single Comb White Orpingtons—sons and daughters of 1st Madison Square winners direct from their originators, Wm. Cook & Sons Scotch Plains, New Jersey. Also fine utility stock of a most wonderful laying strain—All at reasonable prices. Have about 20 pullets and a few cockerels for sale, at living prices.

Virginia Homes

You learn all about Virginia lands, soil, water, climate, resources, products, fruits, berries, mode of cultivation, prices, etc., by reading the Virginia Farmer. Send 10c for three months subscription to DEPT. 59.

FARMER CO.

EMPORIA,



VIRGINIA

TURKEY EGGS

M. B. Turkeys, large boned, Fine plumage. Toms weigh 35 lbs.; hens 18 to 20 lbs. Eggs 20 cents each, securely packed and satisfaction guaranteed. Order early.

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FARMER CO.

EMPORIA,

::

VIRGINIA

Stock FOR SALE! Stock

AT PRICES THAT YOU CAN AFORD TO PAY

S. C. Rhode Island Reds

A large flock of early hatched young stock and some this seasons breeders to select from. Thrifty, farm raised. Write us your wants.

Frank Chalupa, Member of A. P. A., Pleasant Plain, Iowa

Single Comb White

ORPINGTONS

We are now offering our breeding hens for sale at bargain prices. There are some prize winners in this flock. We are forced to sell to make room for our young birds.

We are now booking orders for exhibition birds, hens, cocks, cockerels and pullets for November shipment. Write your wants and I am sure I can supply you with the birds. Our birds have won the blue ribbons wherever shown.

D. O. FRIEND, : Brighton, Iowa

Single Comb Buff Orpingtons

5563 EGGS and 240 HEN HATCHED CHICKS

from 54 hens from January 1, 1912 to Sept. 1, 1912. No records broke---simply shows they are on the job for business. This years breeders, and young stock hatched in March, April and May ready to ship by November 1.

D. B. COOP

Perlee, : : : Iowa

Rose Comb Reds

500 Cockerels and Pullets; also a few yearling hens and cocks to select from at prices that will not scare you. I can start you right in R. C. Reds. I guarantee to please or refund your money.

E. B. Sinn, Box O, :- Brighton, Iowa

DECEMBER, 1912

Volume 1

KIGER'S

Number 8

POULTRY JOURNAL

DEVOTED TO

Poultry, Pigeons, Bees, Small Fruit and Garden
BIG COLLECTOR'S DEPARTMENT



TRIO OF IDEAL BUFF LEGHORNS

PUBLISHED BY

ORVIL L. KIGER, BRIGHTON, IOWA, U. S. A.

25c a Year

5c a Copy

5 Years for 60c

Removed to DONNELLSON, IOWA

James Carton

LEASAM VIEW, RYE, SUSSEX, ENGLAND

Will be pleased to dispatch

WHITE ORPINGTONS

from England. Big framed, stocky birds that can win. Send postoffice draft and details of your wants and he will do the rest.

Morain Special Scratch Feed

Made from corn, wheat, kaffir corn, grit, beef scraps sunflower seed, charcoal, barley and oats. Superior to anything on the market.

Price \$2.25 F. O. B. Richland. Special price on 5 sack lots

Morain & Caughlan, : : : Richland, Iowa

Orpington Eggs

\$3.00 per 15; \$12.00 per 100

My birds are from \$50.00 and \$100 Kellerstrass trios. These birds have been laying all winter. From 17 pullets I got 332 eggs in the month of January. Cockerels \$2.00.

N. Roy Bowman, : : R. F. D. 1, Albany, Wisconsin

BARRED ROCKS

Cockerel mating pen headed by prize winning cockerel. Females sired by cock winning first in three shows. \$1.50 for 15 eggs.

Theo Seyb, = = = Richland, Iowa

Single Comb White Leghorns

Our stock are direct descendants of Chicago Winners. Pen 1, male scores 95, females score 95 to 95. Eggs \$2.00 per 15 or 30 for \$3.00. Range flock, eggs \$1.00 per 15; 45 for \$2.75; \$4.00 per 100. Satisfaction guaranteed. Stock for sale at all time. Order direct from this ad.

R. E. Brown, :: : R. F. D. 3, Richland, Iowa

Black Langshans

Pens headed by males scoring 92½ to 94. Females score from 91½ to 95. Eggs \$1.50 per 15; \$2.50 per 30; \$7.50 per 100. Satisfaction guaranteed.

Mrs. Thos. Bottarff, - - Highland Center, Iowa

Dagle's-Buff-Rocks

STOCK FOR SALE! STOCK FOR SALE!

Have a good show record, have been line bred for years and are equal to any strain to be found, east or west. We have some large cockerels and pullets that are high exhibition quality, no matter what wanted, can fit you out on short notice. We always have some birds ready in condition to show. If you want a breeding pen mated in line to produce exhibition stock, we have it for you. If you want birds that will win for you, call on us, state just what you want, the price will be right. We have shipped stock and eggs to all parts of the U. S. and Canada. We guarantee satisfaction, hundreds of letters from satisfied customers.

STOCK FOR SALE! STOCK FOR SALE!

OAK HILL POULTRY FARM

Joseph Dagle, Prop. ::= Richland, Iowa

THE BEST MARKET AFFORDS

S. C. White Orpingtons and Red Sussex Fowl

If you are in the market for anything this fall, let's get together on that chicken question. We can supply you with practically anything you want from a single bird to a large pen of seven, except that there is a shortage in White Cocks. Hundreds of Pullets, snow white, perfect pink feet, and long body. No cochin blood in our Orpingtons.

THE RED SUSSEX FOWL is the newest thing in the market. A deep dark, glossy, mahogany color, very stylish, and good weight, 7 and 8 pound hens, cocks 9 to 12 pounds. Any of your shows will make an entry for you, and pay same prizes as for Standard types. They offer you the same advantages as any other breed, and a whole lot more profit.

OUR WHITE ORPINGTONS have great strength and stamina. Good for three solid seasons of laying, and then some. We do not breed from a hen under 175, and we know we are dangerously near the 200 egg point. We raised and have in our pens today 17 hens that have layed over 400 eggs in 24 months. We have a hen that layed 700 eggs. We also have a three year old hen that layed 79 eggs from March 1st to May 31st, which produced 71 chicks, of which 60 are living today. Here you will find 3 year old hens laying and moulting at the same time, 5 months old pullets with scarcely any comb, 7 pound cockerels too immature to crow. These birds are line-bred to lay, and every characteristic about them points to this fact. When they start there is no shutting them off for three years, and they never start until they are absolutely ready. Just so with our cockerels: they are big husky fellows that keep on growing until they are matured. If you want a little runt that crows at 10 weeks and does more crowing than anything else the rest of his life, you will not find him here.

ELMER F. HAAG, -- Norwood Park, Chicago

Poulterer to His Majesty The American Citizen

James Carton

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ELMER F. HAAG, -- Norwood Park, Chicago

Poulterer to His Majesty The American Citizen

A Splendid Opportunity

To Own a Farm in the Famous "Upper Peninsula" of Michigan. The Land Where Farming Pays.

**\$15 PER ACRE; ONE-THIRD DOWN
20 YEARS TO PAY THE BALANCE**

Special Excursions Every Tuesday

Come with us to the best agricultural district in the United States, where we are now colonizing over 700,000 acres of choice land. Not only is the soil rich and fertile, the water sure and abundant and the climate exceptionally healthful, but the crops equal or excel in value those in many of the irrigated districts. The hunting, fishing and boating are the best in the country, and all natural resources and conditions unite to make the Upper Peninsula of Michigan the garden spot of the United States.

Timothy and clover Hay yields from 2 to 3½ tons per acre; winter wheat, 40 to 55 bu.; spring wheat 35 to 45 bu.; rye 30 to 40 bu.; peas 20 to 35 bu. and potatoes 200 to 480 bu. per acre. Apples, cherries, pears, plums and small fruits do fine. If you are thinking of buying a farm either for investment or general farming, hay farming, stock raising, dairying, etc., come with us and see what we have to offer and we will prove to your own judgment that there is not a better place to locate in the country than the Upper Peninsula of Michigan.

If in the city call at our office or phone Harrison 462 and our representative will call.

Our special excursion leaves Chicago every Tuesday night at 6:30 and arrives on the lands Wednesday morning. Round trip \$16.65.

For further particulars address

E. N. MAYER, Mgr.

Western Land Securities Company

219 SO. DEARBORN ST., CHICAGO

SPECIAL.....TO READERS OF KIGER'S POULTRY JOURNAL ONLY..... SPECIAL

BIG**Mid-Summer Special Offers in Fancy Pigeons**

I am overstocked on the following Birds and in order to move them quickly, I quote the following prices. All birds are healthy and mated from my best stock. This offer is for this month ONLY, so act quickly:

Pair Blue Pouters--\$3 Pair White Fantails--\$2 Pair White Pouters or Pair Red Jacobins--\$2.50
Pair Black Tumblers--\$1.50 Pair Trumpeters--\$3 Homers--Special at \$1 pair

These birds are Worth Double and I guarantee satisfaction or MONEY BACK. Remember these are SPECIAL Prices to readers of KIGER'S Journal, and in order to purchase at these prices you must mention KIGER'S POULTRY JOURNAL.

Karl J. Ingledue, :- :- Marshalltown, Iowa
 Breeder and Shipper of High Class Fancy Pigeons

Partridge Wyandottes

In the past three years our birds have won as follows: Sioux Falls, S. D., 1st Ckl.; Packwood, Iowa, 1 Cock, 1 Ckl., 1 Hen, 1 Pull., 1 Pen; Richland, Iowa, 1 Cock, 1 Ckl., 1 Hen, 1 Pull., 1 Pen; Hedrick, Iowa, 1 Cock, 1 Ckl., 1 Hen, 1 Pull., 1 Pen. Our birds have won seven silver cups in straight competition. We will have five pens mated this season and will offer eggs at \$2.00, \$3.00 and \$4.00 per setting of 15 eggs. We guarantee satisfaction. Order direct from this ad—or write. Some fine cockerels yet for sale, \$1.50 to \$5.00 each.

Hallowell & Fearis, - Richland, Iowa

White Plymouth Rocks

CLOVER LEAF STOCK AND POULTRY FARM

We are offering eggs for hatching from five mated pens and a range flock. The birds in our pens are of highest order and all large, good shaped birds and all pure white with neat combs and red eyes and bright yellow legs. Eggs from these pens from \$2.50 to \$3.00 per 15 eggs; \$10.00 per 100. Satisfaction guaranteed. Our range flock are good birds, all scoring above 90 points. We offer eggs from this flock at \$1.25 per 15 eggs or 100 eggs \$1.00. You may order direct from this advertisement or send for our 1912 mating list. You can pay several times as much for eggs elsewhere and get no better quality than we will give you. Remember we are responsible and we guarantee satisfaction.

Mrs. E. S. Wolcott, .: R. F. D., Richland, Iowa

SINGLE COMB WHITE ORPINGTONS

A limited number of standard bred stock will be offered this fall. Both young and old. Trios for \$5.00. Better ones a little more. Write me your wants. All stock strong and vigorous; excellent color and shape.

Preston Polhemus, : Osceola, Indiana



Stirdivant's

EGG MACHINES-- A wonderful strain of practical winter egg producers, built up by the aid of trap nest. Send 10c for interesting printed matter explaining how to make and operate a very simple and reliable trap nest, gives price list of systematically bred poultry, tells how to increase your income 50 per cent by breeding from your best hens and culling out the loafers that are eating up your profits.

STIRDIVANT FARMS, Sheboygan Falls, Wis.

SALESMAN W-A-N-T-E-D TO SELL Minnesota Grown TREES

Northern-grown trees and nursery stock are in good demand everywhere. Write at once for territory; cash commission paid; canvassing outfit free.

Fairmont Nurseries, Box 786, Fairmont, Minnesota

THE WESTGATE NURSERY COMPANY

MONROE, :: :: MICHIGAN

One of the most reliable nursery firms in the United States write us that they want men to solicit orders for Nursery Stock, Roses, etc. They pay cash weekly. Canvassing outfit furnished free. Experience not necessary. We advise any man who wants a good position to write them at once for particulars. Mention this paper when writing. [Adv.]

Mention this paper when answering ads.

4,000,000 PEACH TREES

June Buds a Specialty

No agents traveled, but sell direct to planters at wholesale prices. Absolutely free from disease, and true to name. Write for catalogue and prices before placing your order elsewhere. We guarantee our stock to be absolutely true to name. Largest Peach Nursery in the world. Address

J. C. HALE, : Winchester, Tenn.

FIVE years ago J. E. Butler, of Lewton, Idaho, was a contracting carpenter. Today he owns the finest ten acre vegetable farm in his neighborhood, is clearing over \$2,000 a year.

His own complete story of how he grows, what he grows, and how he markets is told in a book we give you. There is one item that he tells about that alone will save you \$10.00 in money. He shows how to build a greenhouse at a cost of \$100.00. Send us 25 cents for six months' trial subscription to *The Vegetable Grower* and this book will be sent you gratis.

This is the only paper published for the vegetable grower by vegetable growers. It prints scientific matter broad enough to interest and assist not only commercial vegetable growers but the farm gardener as well. It has also a department for small fruits and flowers.

This paper is going to be the guide of every vegetable grower in America. Send 25 cents today, stamps or silver.

THE VEGETABLE GROWER

1208 Boyce Bldg.,

Chicago, Ill.

We can save you money on any paper or magazine published. Send list for our lowest price. Kiger's, Brighton, Iowa.

YOUR COPY IS HERE

of my **FREE** Special Sale List of

S. C. Black Orpingtons

Fishel White Rocks

(English Imported Stock)

Must be sold at once at utility prices. First prize winners. Send for this free illustrated booklet NOW. Ready for mailing Sept. 1st. Both old and young stock. I GUARANTEE SATISFACTION.

LYNN C. TOWNSEND, :-: Box KP, Weedsport, N. Y.

YOU MUST FEED

With intelligence if you expect good results. You must know the necessary ratio of food values. "21 BALANCED RATIONS FOR THE LAYING HEN" tells you how to feed to get good results and gives you 21 feeding rations of proven quality in condensed form. This leaflet is a complete chart of successful feeding and no progressive poultrymen should be without it. I will send a copy of these rations to any reader of "Kiger's" for 10c, stamps or silver. Write me today. L. C. TOWNSEND, Bx. KP, Weedsport, N. Y.

Stamp collecting is one of the most interesting and instructive pastimes for both old and young. It is a great help in studying

geography and history as well as learning of the manners and customs in foreign lands. You are made to feel that the people in other parts of the world are your friends.

Are You Using Good Printing?

The Distinctive Business Kind at a Reasonable Price

ALL TRANSPORTATION CHARGES PREPAID

Free use of a fine line of new poultry, live stock and fruit cuts. First-class stock.

Printing for Poultry Shows at the Right Price.

NET PRICE LIST

	100	250	500	1M
Envelopes, Standard XX, white, good quality	\$0.60	\$1.16	\$1.63	\$2.53
Envelopes, Superfine XXX, white, blue, buff, oxblood, etc.....	.70	1.28	1.87	2.87
Envelopes, Standard Bond, white, blue, goldenrod, buff, pink.....	.70	1.28	1.87	2.87
Envelopes, Fine Bond, same colors as above .....	.80	1.45	2.20	3.50
Envelopes, Fine Linen Finish, any color.....	.80	1.45	2.20	3.50
Envelopes, Official, 4¼x9½, and Catalog, 6¼x9¼ .....	.80	1.45	2.20	3.50
Letterheads, 8½x11, Standard White, 10-lb., ruled or unruled.....	.70	1.28	1.87	2.87
Letterheads, Standard Bond, white, blue, goldenrod, buff, pink, etc	.70	1.28	1.87	2.87
Letterheads, Superfine White, 12-lb., ruled.....	.80	1.45	2.20	3.50
Letterheads, Fine Bond, any color.....	.80	1.45	2.20	3.50
Letterheads, Fine Linen Finish, any color.....	.80	1.45	2.20	3.50
Business Cards, No. 48, fine enameled, round corners, ass'd tints....	.60	1.16	1.63	2.53
Business Cards, No. 36, same as above.....	.70	1.28	1.87	2.87
Visiting Cards, correct sizes.....	.50	1.05	1.54	2.12
Shipping Tags, 5 EC, red, green, blue, yellow.....	.60	1.16	1.63	2.53
Shipping Tags, 8 EC, same colors.....	.80	1.45	2.20	3.50
Note Heads, 6x9½, white ruled, or any color bond .....	.60	1.16	1.63	2.53
* Statements and Bill Heads same price as Note Heads.				
Egg Basket Labels, 4¼x7 1-3, white, blue, pink or yellow.....	.60	1.16	1.63	2.53
Egg Basket Labels, 4¼x7 1-3, printed in two colors .....	.70	1.28	1.87	2.87
Post Cards, illustrated, any breed, no special printing .....	.50	1.05	1.54	2.12
Post Cards, "Order Received," no special printing .....	.50	1.05	1.54	2.12
Post Cards, "Notice of Shipment," no special printing .....	.50	1.05	1.54	2.12
Post Cards, any above with printed card .....	.70	1.28	1.87	2.87
Post Cards, printed to order.....	.80	1.45	2.20	3.50
Circulars, 3½x6, 4 page, 150 words or less.....	.80	.90	1.35	1.80
Same size, 2 pages, 300 words.....	1.20	1.35	1.55	2.10
Circulars, 6x9, 1 page, 300 words	1.35	1.55	2.00	2.70
Same size, 2 pages, 600 words	2.00	2.55	2.70	3.60
Folders, 3½x6, 4 pages, 600 words.....	2.40	2.70	3.10	3.80
Same size, 6 pages, 900 words	3.00	3.35	4.00	5.10
Same size, 8 pages, 1200 words.....	4.10	4.50	5.40	6.60
Folders, 6x9, 4 pages, 1200 words	4.10	4.50	5.40	6.60

TERMS—Cash, Remit by P. O. or Express Money Order, Bank Draft, or Registered Letter. Printing in red, blue, brown, etc., costs 10 cents extra on each item. Write for prices on catalogues, etc. Write for special prices on large orders. All transportation charges prepaid.

KIGER'S POULTRY JOURNAL,

BRIGHTON, IOWA

Kiger's Poultry Journal

BIG COLLECTORS' DEPT.

ORVIL KIGER - - PUBLISHER

Regular Contributors

Judge Joseph Dagle	Iowa
Lynn C. Townsend	New York
Geo. J. Remsburg	Kansas
Preston Polhemus	Indiana
Jas. Carton	England
Elmer F. Haag	Illinois
Karl Ingledue	Iowa
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W. S. Lincoln	England
Mrs. B. F. Wilcoxon	Wyoming
C. D. Bassett	Illinois
George V. Freethly	California
M. N. Bunker	Kansas
Percival D. Perkins	Vermont

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In Canada and foreign countries 25 cents per year.

All subscriptions are immediately discontinued when the time expires for which they have been paid.

CHANGE OF ADDRESS—When sending notice to change an address it is imperative that the old address be given as well as the new.

KIGER'S POULTRY JOURNAL is published promptly on the 12th of the month. Copy for changes of advertisements must be in the hands of the publishers by the 15th of the month preceeding the date of issue. New contracts can commence if copy is furnished by the 25th of the month.

ADVERTISING RATES on application.

Address all communications and make all checks, drafts and money orders payable to

KIGER'S POULTRY JOURNAL

Donnellson, Iowa

Donnellson, Iowa is our new address, (near Keokuk.)

Send us 25 cents for a years subscription and we will give you a 20 word advertisement, one month, free.

REMEMBER that we will accept advertising copy for the January number up to January 18; but send earlier if possible.

Send us some of your halftones today, don't put it off, and we will publish them free of charge, and return the cuts to you promptly.

On account of moving we are late this month. All departments are now in good running order. The big January number will be out January 20th, and we expect to have the February number out right on time. Our poultry printing department is prepared to turn out all orders promptly.



Display Advertising--50c an Inch

One month	75 cents per inch
Three months	60 cents per inch
Yearly contract, 12 in. ..	55 cents per inch
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Yearly contract, 48 in. ..	45 cents per inch
Page, single insertion ..	50 cents per inch
Page, yearly contract ..	40 cents per inch

Not less than one inch any month on yearly contract.

All display bills due the 1st of each month.



Classified Ads 1 Cent a Word

One month	1½ cents a word
Three months	3 cents a word
Six months	5 cents a word
One year	8 cents a word

Classified Ads always cash in advance.

Commencing with the January number, the type page will contain three columns, each 13,6ms wide and ten inches long.

Forms close the 25th of the month preceeding issue. Classified ads will be received as late as the 2nd of the month.

Kiger's Poultry Journal is published on the 12th of the month of issue.

Kiger's Poultry Journal

POULTRY - SMALL FRUIT - GARDEN

A BIG COLLECTOR'S DEPARTMENT

IN PLAIN ENGLISH FOR THE BEGINNER—THE "QUALITY" POULTRY JOURNAL

VOL. 1

DECEMBER, 1912

NO. 8

ARE YOU GOING TO EXHIBIT?

★ ★

By JUDGE JOSEPH DAGLE

If so, and you are new in the business I believe I can help you some.

Every breeder should have a copy of the American Standard of Perfection and they should read it too.

Be sure that none of your birds are disqualified. Show them in standard exhibition coops.

Enter your birds early and don't wait till the last minute before starting them off to the show.

Go with your exhibit if possible, be on hand when the judging is done and keep your eyes and your ears open.

Don't ask the judge to tell you "just" how your birds stand before the judging is done, as you will place him in a bad position. He wishes to be pleasant and kind but he can't be all of these if you try to crowd him to tell you before hand just where your birds will land.

Be patient and keep your birds and coops clean and after the judging is done if you think that you have not been treated fair just go to the judge and ask him to explain to you, and I assure you he will be only to glad to do so, and after he has told you why he placed the awards as he did don't you go about the show telling the visitors that you would have won if the judge had been fair with you.

I don't mean to say that judges are infalible by any means because we know that any one is liable to mistakes at any time, but the judge that makes a mistake will thank you to call his attention to it and no grass will grow under his feet 'till the mistake has been righted.

By all means don't practice trickery around the show room because the older heads can beat you at that game every jump in the road. I don't mean to say that the old heads will risart to tricks to block your game, but they will watch you out to the end and you will beat yourself at your own tricks.

If you show and win, wear a smile, if you show and loose, wear a smile, smile anyway, and the world will like you. Every one dislikes a grouch. Remember this fact, that no one breeder can own all of the good birds all of the time, if you don't win this season, try it next season and the next and your time to win will come. Breed good ones, it don't pay to do otherwise.

If you buy, remember that you can't get something for nothing.

If you are exhibiting at your home show, don't fail to look after the interests of the out of town exhibitor. If the show room is crowded move your birds back and set the out of town birds up in front. Show the stranger that you will be more than fair, first, last and always, and he will go away thinking and speaking well of you.

If the out of town birds come to your show unattended, look after them first, give them a good place in the show, and care for them well and it will be a good advertisement for you.

□ □

Be sure to read all the advertisements in this magazine....some are found in no other poultry journal.

POULTRY ON THE PACIFIC COAST

By H. S. CANNON

Thousands of people in the Eastern and Middle West States are enquiring "Can I make a living raising poultry in California?" These people are getting answers from three different sources. First from the real estate dealers who will invariably answer "yes" and say it as emphatically as it is possible to say it with pen and ink or printers ink, and supplement their luring descriptions with pictures showing the farmer's wife out with a bushel full of wheat in one hand, a bucket of eggs in the other and surrounded by several thousand husky looking Leghorn hens, always Leghorns for somehow these real estate men don't seem to know that the white Leghorns isn't the only fowl raised in California!

Others get replies from people who "think there is money in poultry" but don't stop to think that it makes any difference whether the inquirer has had any experience in raising poultry or not, and think he ought to "make good."

A few get replies from successful poultry raisers. I say a few and it is a few, for the successful poultryman hasn't much time to answer letters (unless it is an inquiry for stock or eggs) and these he must answer promptly. But when a man who has made a success of poultry culture here and knows the conditions, he usually tells the truth, for he has no ax to grind.

The first thing to consider is, do you know the poultry business? Going in the poultry business when you know nothing about it is pretty much the same as wading out into deep water when you don't know how to swim. The results are pretty apt to be disastrous.

But if you do know the poultry business, and are successful where you are, then I would answer "Yes you can make a living and as much more as you would be able to make in any business anywhere, for the possibilities are unlimited." It's up to you.

Just at present fresh eggs are selling at 60¢ a dozen, and the man who has a flock of laying hens now, is reaping the reward of his industry.

Eggs at a nickel apiece soon run into money. Three dozen will buy a sack of flour and ten dozen a sack of sugar.

The principal feed here is wheat and the average price the year round is \$1.65. Oh! no, not \$1.65 a bushel, but \$1.65 per one hundred pounds. Come to California, you will have to forget that there is such a unit of measure as a bushel, or peck either. I came from the Middle West myself and I'll never forget the first time I asked the storekeeper here for a bushel of potatoes.

The grain ration is supplemented with a mash made up of bran, middlings and beet



J. C. HALE

Proprietor of the J. C. Hale Nursery Company, Winchester, Tenn. He is a thoroughly experienced nurseryman. He makes a specialty of peach trees. Mr. Hale has been postmaster in Winchester the past eleven years and has served the people well and faithfully.

scrap, fed wet, or dry in hoppers. Hoppers are usually used when the flock is large as hopper feeding involves less labor than mixing the mash wet. Bran and middlings sell at \$36 per ton.

The green feed which is such an important item in feeding is the easiest problem the Coast poultryman has to contend with. Alfalfa stays green the year thru, and chard, kale, rape, etc. can be grown all winter, so that one has no excuse for not feeding plenty of green stuff.

Then our mild winters make it possible to keep hens laying all winter with cheaply constructed buildings.

The roof is the principal feature of the poultry house here. A good water proof roof and the south east and west sides boarded and buttoned to keep out the rain, the north open or covered with muslin or burlap curtain which can be raised in fair weather.

Nine tenths of our storms come from the south east, and storms from the north are seldom accompanied by wind. A roomy, no yard house open to north is considered the best here for winter. Yards are used in summer. The size of the average commercial poultry farm is about 5 to 10 acres. Land is worth from \$100 to \$500 per acre according to location. Hens and pullets usually sell for about \$7 to \$12 per dozen.

Lumber is comparatively cheap, No. 1 common sells for about \$22 per thousand in the retail yards, while if one can drive to the mills in the nearby mountains No. 1 common can be bought as low as \$15 per thousand.

Do not think tho that egg farming is the only branch of the poultry industry which is thriving here on the Coast. The fancy end is growing by leaps and bounds. We have about 20 good shows in California during the show season, besides several in Washington and Oregon. The latest was the fifth combined show of the Alameda County Poultry Association and the California Pigeon Club at Oakland California where 2700 birds were cooped including nearly every known variety of chicken, duck, goose, turkey, guinea and pigeon. 2700 entries is crowding Madison Square Gar-

den pretty close in its palmyest days.

The Sacramento Bee, one of the largest daily newspapers published on the Coast, is the



FIVE CENTS EACH IN CALIFORNIA

first daily newspaper in the state to recognize the importance of the poultry industry.

It has inaugurated a poultry department, published weekly in its large Saturday edition. The department is in charge of Prof. C. W. Wilkins, formerly instructor in Poultry Husbandry at the State University Farm at Davis, California.

On the whole, the poultry business on the Coast is in a healthy thriving, growing condition, and the poultry fraternity of the Coast extend a welcome to the Eastern poultryman at any and all times, and an invitation to attend the greatest poultry show the world has ever known in 1915. Come if you can, and if you can't come, send your birds. It will be the supreme test, for birds will be entered from all over the world in 1915.



NOTES

For some reason our article was headed "Feeding Stock and Show Birds" instead of "Breeding Stock and Show Birds" as it should have read in November number.

There are not so many chicks in 1912 as there were in 1911, but the quality of the 1912 hatch is way ahead of the 1911 hatch.

The judging season is short and every breeder that has stock to score wants the judge tomorrow.



When answering advertisements mention Kiger's Poultry Journal.

DAGLE'S POULTRY DEPARTMENT

By JUDGE JOSEPH DAGLE

POULTRY NOTES AND OTHERWISE

The birds should be in winter quarters now if you expect eggs this coming winter.

Why put off engaging the judge 'till the last minute? You should figure ahead a little.

Keep the fowls indoors every bad day, and the houses nice and clean every day and sick birds will be few and far between and eggs will be many in the nest.

There is no excuse for sending a bird with side sprigs on his comb or feathers on his legs, to the show; read your Standard, it describes those two defects very plain.

Clean straw in the house and scratching sheds for the fowls to dig in means healthy stock.

Watch the cockerels closely now that they are nearing maturity. If you have them yarded together by themselves a fight will start some day and many combs and wattles will be ruined.

December came in with rain and on the sec-

ond day some snow fell. We were on a train just as day began to break, and looking out of the car window we saw chickens roosting in trees along the way, (with snow on their backs.) Can the owner expect many eggs this winter? Nope.

If you expect to show at the early fairs and win next fall you must set some eggs in this month (December.) Try raising a few January hatched chicks this coming season and if you don't care to exhibit them yourself, just advertise them, they will sell like hot cakes.

If the early hatched chicks are kept warm and clean and well fed, they will do just as well as the later hatched ones. Of course some animal food and green stuff must be fed.

The cock moulted first this season, and if the old saying, "The hen before the cock freeze hard as a rock, but the cock before the hen just a squall now and then," is true we will have a mild winter. Watch it.



DON'T BE A QUITTER

Till you know positive that it is the fault of the fowls and not yours that caused the failure, don't quit. We visited a place the other day where standard bred fowls are kept. The party has been in the standard bred business three years, and they told us that thus far the business had proven a failure, and that they were going to try it just one year more and if it didn't pay this year that they were going to sell out and quit. Well we can tell you right now that "quit it" will be because under the condi-

tions nothing but failure could possibly result. In the first place there isn't a decent hen house on the place, and the premises are unclean from end to end. We learned that one hundred and fifty chicks had been raised this season and there was a dry goods box in one yard and 72 fowls were roosting on, in and around that one box that is about three feet square.

There was a piano box in another yard where some seventy or more chicks roosted. Now do



Last advertising forms for January number will close January 18.

you wonder that these chicks all had colds and the roup?

We arrived at the place in the morning and the fowls had not had water when we left at even thirty. We ask, why don't you build one nice chicken house? The owner assured that if the fowls didn't pay for a house to roost in they would go without!

Now, do you wonder that this party is making a failure of the business?

We visited another poultry place that same day in the afternoon, this was a town, two lot plant, all in one fence. Several small brood coops, besides a nice neat poultry house was in that inclosure, fifty two fowls (all young) were in the yard the day of our visit. They

were clean and healthy and all good ones. We asked the owner what had been done with culls, and he explained that he had sold the culls a long through the summer to the neighbors for fryer's. Wellfilled drinking vessels were in the proper places and the floors of the houses were covered with clean straw, the fowls were quiet which went to prove that they were on good terms with their owner.

We did not ask the question, does the plant pay a profit, because we could see at first sight that the business was on a paying bases.

The owner told us that he had paid a laborer five dollars a year to mow the weeds on the lots, and that since stocking the lots with poultry, the fowls not only kept the weeds down but they paid for the privilege.

QUESTIONS AND ANSWERS

G. F. M., Ottawa, Ill., asks:

Will you please answer the following questions in the "Questions and Answers" of your department, (Kiger's Poultry Journal.)

1. Are the following mashes good mixtures?

Dry mash for laying hens

- 100 pounds corn meal
- 100 pounds flour middlings
- 100 pounds alfalfa meal
- 25 pounds linseed meal
- 25 pounds beef scraps
- 150 pounds wheat bran.

2. Hot mash for fattening cockerels.

- 50 pounds coarse ground corn meal
- 50 pounds flour middlings
- 100 pounds wheat bran
- 50 pounds alfalfa meal
- 50 pounds oil meal.

3. Scratch feed for laying hens.

- 250 pounds cracked corn
- 100 pounds wheat
- 30 pounds barley
- 20 pounds kaffir corn
- 30 pounds buckwheat
- 10 pounds sunflower seeds
- 10 pound beef scraps.

4. Can this scratch feed be ground finer and still be all right for young chickens?

5. Please let me know in what way the mashes, and scratch feed could be made to accomplish better results.

Answers:

1. We would offer as a substitute the fol-

lowing formula, (for winter feed.)

- 5 pounds corn meal (ground fine)
- 3 pounds wheat bran
- 1 pound beef scraps
- 1 pound alfalfa meal
- $\frac{1}{4}$ pound charcoal. (fine.)

2. 10 pounds corn meal (ground fine)

- 3 pounds wheat bran
- 3 pounds alfalfa meal
- $\frac{1}{4}$ pound oil meal
- 1 pound suet (beef.)

Mix with milk if possible and bake, same as hoe cake. Add a pinch of salt. If to be mixed with water, it will do to use boiling water and scald, without going through the baking process.

3. We would not use a mixture in this way, as it costs too much.

Keep beef scraps in feeding hopper at all times, also sunflower seeds, in this way the fowls will get just what they need of it.

Use No. 1 as a hot mash in the morning, and scatter wheat, barley and buckwheat in litter, at 10 a. m. This will keep them working all day. Feed them whole corn at night. Keep grit in hopper at all times.

4. We use Chamberlains chick feed till chicks are old enough to eat wheat and cracked corn.

Finally:—it depends altogether on whether fowls are closely confined or whether they run at large as to just how we should feed and what we should feed. Our fowls never get out

of the houses in bad weather. We clean houses twice each week, we keep about six inches of straw on the floor (dirt floors) and all grain is fed in the straw.

We feed ground turnips or mangel beets three or four times each week, and green cut bone twice each week. We feed a hot mash each morning in cold weather. Corn meal and

shorts, half and half by measure, a little salt to season it will help.

We feed wheat in the straw and we feed corn about one hour before roosting time. We keep grit and beef scraps in hoppers always and don't forget fresh water and plenty of it.

Come again George.



COLLECTORS' DEPARTMENT

By GEORGE V. FREETHY

Note: All questions will be answered as far as possible in this column. If personal reply is desired enclose two cents for postage. Do not enclose stamps for examination, give a good description. If coins send rubbing. Address all communications, relating to this Dept. to George V. Freethy, 1030 Church St., San Francisco, Cal.

Bosnia has just issued a set of stamps consisting of seventeen values. The stamps which are square in shape contain an effigy of Emperor Francis Joseph in two positions, one in profile and the other looking to the left. The spelling is different than that used on the 1906 set.

Russia's New Set: The Russian stamps will be larger than before and will represent the different rulers of the house of Romanow. 1 kopeck, Peter the Great; 2k, Alexander II; 3k, Alexander III; 4k, Peter the Great; 7k and 10k, the present ruler; 14k, Catherine II, 15k, Michaelovitch; 20k, Alexander I; 35k, Paul I; 70k, Feodorovitch; 1r, Winter palace.

We desire to warn collectors, especially beginners against certain dealers who are sending out sheets of stamps marked above their real catalog value. They do not say that they mark at the catalog price, but collectors when buying are under that impression and think they are paying what the stamps are really worth.

The New York International Exhibition will be held in a modern fireproof building centrally located on 39th St; just west of Fifth Avenue. The space available in this building will provide convenient and safe quarters for the display of valuable stamps. The committee is to be congratulated on the selection of such a suitable site.

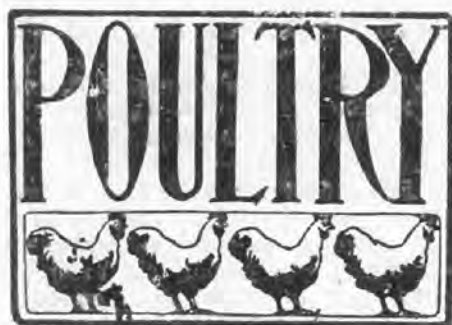
Many stamp collectors are extremely careless and cause much annoyance to dealers who send out approvals. They lay the letter aside and then forget all about it, until a couple of months have passed, then they happen to turn up.

Advertisements

WANTED—Philatelic Literature: The Stamp, Denver, Vol. IV, No. 1; Phil. Gazette, Altoona, Pa., Vol. I, No. 1. W. R. King, Grand Island, Neb.

ILLUSTRATED ALBUM, 500 spaces with 250 varieties and 500 hinges, 12 cents; with 500 varieties, 75 cents. Stamps bought; send samples, will quote prices paid. M. Wright, 37 Norton St., Dorchester, Mass.

This department is short this issue on account of moving. The January number will contain four Big Collectors' Departments, and we will make this journal one of the best collectors' magazines published.



MUCH COMFORT FOR POULTRY

Hens Sing and Cackle in Cozy Winter House When Kept Busy Scratching for Their Feed.

In our winter poultry house on cold, snowy days our hens sing and cackle as if they were enjoying summer weather. The house is 14x56 feet, with large windows on the southern exposure. Its equipment consists of clean, inviting nest boxes, self-feeders, with grit and shells, the ground floor banked deeply with leaves and straw, writes George W. Brown of Hancock county, Ohio, in the New England Homestead. We keep the hens busy from daylight until perch time digging after small grain scattered several times daily in the litter. Lawn clippings, meat offal, beets, pumpkins, cabbage and an occasional sheaf of wheat, oats or clover hay suspended from the roof gives them business.

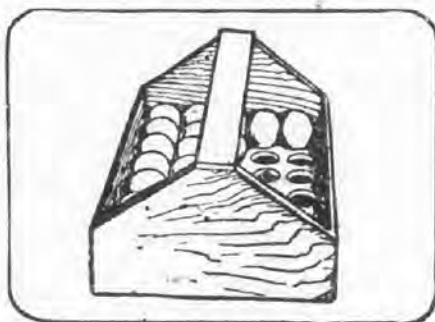
It is the busy hen that lays the eggs. She hustles and has red blood coursing in her veins to keep her warm on cold days. Our perches can be hooked to the roof, and if we have any drones in the flock inclined to spend much of the day on the perch we just hook the perches to the ceiling. They soon get the habit of hustling with the rest of the flock. We have no use for drones on our farm save in our apiary.

HANDY FOR COLLECTING EGGS

Desirable to Keep Separate Box for Each Pen Where Trap Nests Are Being Used.

When trap nests are used it is sometimes desirable to keep a carrying box for each pen which receives the eggs as they are gathered, says the Farm

and Home. Number each tray or box. When trap nests are used in some to correspond with the number of



Handy Egg Tray.

the pen. The holes in the bottom board keep the eggs in an upright position on the small end where the numbers can be easily read.

HABIT OF EXCHANGING EGGS

Little Money and No Satisfaction in Practice—Best to Sell Direct to the Consumer.

There is no satisfaction, and but very little money in exchanging eggs for groceries or grain. By being careful in gathering eggs, so that they won't become chilled in winter and so the hens won't sit on them overnight and using a little care in sizing and selecting, quite an advance over the common prices may be obtained. When possible, sell your eggs direct to the consumer. If not possible, get a market in your nearest city with some grocer who deals in strictly fancy groceries and provisions. Agree to furnish him only strictly fresh eggs, and then, for your own sake, live up to your agreement. Carefully clean all the eggs; don't send any small, misshapen or large ones. Stamp each egg with a rubber stamp, using your initials or the name of your farm, and in a short time you will have created a demand for your eggs, and when you have created such a demand your eggs will bring the highest prices, considerably more than your storekeeper would pay.

Several neighbors could send their eggs together, paying a cent or two per dozen to one of their number for doing the business, and in this way all would gain a little.

GOOD HOUSES FOR CHICKENS

Leghorns Stand Cold Weather, Provided They Are Free From Dampness and Draughts.

We have one building 18x70 feet and one 18x128 feet made of matched pine, not doubled or lined, a pitch roof covered with two-ply roofing and dirt floors. Both buildings face the south and each has the south side covered with an equal amount of glass and muslin half-way from the eaves, the latter half enclosed with matched



Single-Comb Brown Leghorn.

pine. These windows have been opened wide daily regardless of zero weather. Single Comb Brown Leghorns stand cold weather, provided they are free from drafts and dampness, says a writer in an exchange. Our buildings have dirt floors covered with one foot of wheat straw. The dropping boards and roosts are cleaned and disinfected with a hot spray from a force pump every two weeks. The broken straw from the floor is placed upon the dropping boards and the floor covered anew with wheat straw. The cost of the building, exclusive of land, was \$3.88 per lineal foot, 70 plus 128 feet, thus housing 1,250 layers at 62 cents per hen. The usual estimate is \$1 per hen

HINTS OF DUCKS AND GEESE

Duckling Should Be Marketed Before Twelve Weeks Old—Same Is Said of Goslings.

A Pekin duckling weighs about two ounces when hatched, and should take on weight as follows: Three to four weeks, one pound; six to eight weeks, four to four and one-half pounds; and at ten weeks, five and one-half to six pounds. Ducklings should be marketed at from nine to twelve weeks of age. After that they take on weight slowly, and it is not profitable to keep them longer than twelve weeks.

Geese grow about as rapidly as ducks. Allowance of course must be made for the original difference in size—newly hatched goslings weighing about four ounces. Turkeys do not grow rapidly at the start, but develop much quicker after three months of age.

Cold-Storage Tests.

Tests of cold storage, as made by one of the experts of the department of agriculture led to the conclusion that poultry keeps better when not drawn than it does when drawn. The reason is that the process of drawing causes bruises which invite the lodgment of germs. Birds that were dry picked kept much better than those which had been scalded. The experts summed up the requirements as prompt storage, dry picking and dry chilling. These essentials have all been favorable to the cold-storage trade, but seem never to be comprehended by the host of agitators which every year try to secure absurd cold-storage laws.

Open Muslin Front Best.

A glass front poultry house causes extremes in temperature, warming up in the day time and then turning cold with the setting of the sun. This is also apt to cause disease and make the fowls' combs and wattles more sensitive to frosts. The open muslin front is by far the best and at the same time the least expensive. Some glass may be used, but not exclusively.

POULTRY NOTES



Gather eggs daily.

Cull out small eggs.

The goose averages about thirty eggs.

Geese do not thrive when yarded; ducks do.

The goose like the duck, has practically no crop.

The average weight of the goose is twice that of the duck.

Geese pair, but drakes will take care of four or more mates.

A hen left to shift for herself may lay in summer but seldom will in winter.

Are you figuring on entering one or two pens in a poultry show, if not, begin now.

Before packing and shipping poultry should be thoroughly dry and cold, but not frozen.

Limberneck is caused by the fowls eating some dead animal matter that has bred maggots.

The goose is a grazing bird, while the duck thrives with a limited amount of green food.

Don't forget to sprinkle lime on drop boards, not too much, for it is hard on the chicken's feet.

Meat in some form must be fed poultry at least twice a week—also green food if you want results.

A good dry mash for layers: Two parts bran, 1 part cornmeal, 1 part alfalfa meal, and 1 part beef scrap.

Ducks can be profitably bred for four years, geese can be bred for many years—for a period that seems incredible.

Fifty hens with abundant room, care and proper feed will return more cash than one hundred carelessly fed and crowded.

Dust the hen with insect powder before setting, and twice more while hatching, then chicks will not be full of lice to begin with.

After hens have passed their period of profitable laying (two or three years), they may be sold at little if any loss on their first cost.

Clean soiled eggs.

Get a reputation for selling fresh eggs.

Do not keep eggs in a cellar or damp place.

Let the old roosters go before they eat their heads off.

About ten ducks are required to make a pound of feathers.

If chicken keeping doesn't pay don't be in too big a hurry to blame the chickens.

Goose feathers being more oily are apt to sooner turn rancid than chicken feathers.

Crude carbolic acid and coal oil make a fine disinfectant. Use a continuous sprayer.

A sovereign remedy for limberneck is four drops of turpentine in a teaspoonful of water.

Charcoal is a wonderful tonic at this time. See that the fowls get all they want of it to eat.

Poultry breeders need to know as much of the breeding worth of a fowl as cattle breeders of a bull.

The man with a fine lot of young chickens to sell, now is the one who has a smile that won't come off.

One sick chicken soon infects a whole flock. It is always safest to remove a bird at first signs of illness.

The essentials of poultry raising are cleanliness and close attention, coupled with hard work and common sense.

Supply hens with plenty of crushed oyster shell. The shells costs little and means much if it's winter eggs you are working for.

The hens relish green food of some sort and will amply repay you for the trouble of chopping up cabbage, potato peelings, turnips, etc.

Any egg eaters in the flock? Make the nests as dark as possible; that will help. If that doesn't discourage the culprit, sharpen up the ax.

In the long continuous poultry building it is desirable that an alley way be provided for the sake of convenience in passing through the building.

Green cut bone will make hens lay in winter. Get a bone cutter and grind them yourself, if you cannot buy them already ground.

The older the gander the more vicious he is apt to become during breeding season; the drake seldom shows temper, being of a more timid nature.

ATTRACTIVE NESTS FOR HENS

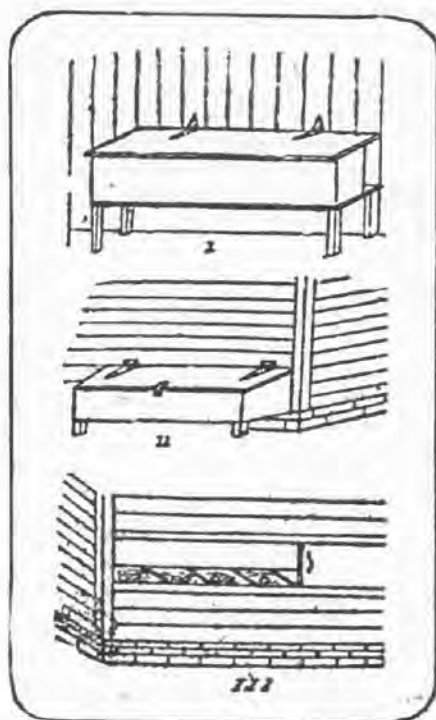
Discarded Grocery Boxes, Such as Used for Soap or Condensed Milk, May Be Used.

Nests that are attractive to hens because of their privacy, sanitary as to character and convenient for the gathering of eggs are the claim of every one who keeps fowls either in a limited number or on a large scale, says a writer in the New York Tribune Farmer. Various are the nest arrangements employed by the different poultrymen, and varied in character must they continue to be to suit the requirements of the fowls and the plan of the poultry house. But no style of nest that is at all practical can fail to be suggestive to any poultryman who has not yet solved the nest problem to his liking. The nests herewith described are intended to suggest rather than to invite exact imitation.

A convenient style of nest is shown in illustration No. 1. The nests are arranged along the wall, with the open sides inward, space enough being allowed at the ends to admit the fowls. A hinged cover at the top makes egg gathering a simple matter. These nests may be improvised from wooden boxes nailed together, one side being removed and the hinged cover hung over them. Support is furnished by four uprights which raise the nests about one foot above ground. The nest boxes should be as smooth as possible, and painted inside and out.

Another convenient arrangement is the row of nests accessible to the fowls from the inside of the building, but projecting beyond its wall, and having a hinged cover which may be lifted from the outside to permit the gathering of eggs. If necessary a padlock may be used to secure this cover.

Style No. 2 is preferable to style No. 1 in cold climates. The nests are along the inside wall, supported above the ground and open at the top. A slide in the wall allows the gathering of eggs from outside. Grocery boxes, such as soap or condensed milk boxes, may serve for the nests, being so divided that two nests are formed from one box. They



Convenient Nests.

should be movable so that they may be readily cleaned.

FRESH-AIR HOUSES FOR EGGS

Excellent Results Secured by Leaving Screen Door Open—Wheat Straw Used for Litter.

Some years ago, while trying to make poultry pay on a small scale, I tried the open-air house. By making a screen door at one end and leaving this open day and night I secured twice as many eggs as in my other houses not so provided, says a writer in an exchange. Now that I am keeping fowls on a lower scale I always use some kind of fresh air house with good results. Wheat straw is spread in the chicken house to the depth of six inches. In this the feed is scattered, oats, wheat, barley sorghum seed, etc., for morning and noon feeds. The evening meal consists of a mash of boiled potatoes thickened with bran, beef meal, a little ground oats and cornmeal slightly salted. After the fowls have eaten all they want I feed ear corn for a finish. Beef scrap, charcoal, grit and oyster shell are con-

stantly before them. The straw is cleaned out every day and replaced with fresh the next morning. If the weather is bad and the fowls have to stay in doors, I replace twice a day. I have no trouble in getting eggs in winter from bred-to-lay white leghorn and white Wyandotte fowls. Both varieties are good.

CARE OF DUCKS IN WINTER

Any Kind of Green Stuff That Happens to Be Handy Makes Excellent Feed for Fowls.

During winter I feed my ducks any green stuff that I happen to have handy. Turnip, parsnip and carrot tops, cabbage leaves, beet leaves, onion tops, purslane, pigweed, tender crab grass, lettuce, radish, mustard, cut fine, all make good bulky feed.

These are dried in the shade during the summer and stored like hay. When I want to feed them a quantity is boiled for twelve hours and mixed with finely cut roots, such as potato, turnip, parsnip, carrot, onion and beet. Apples are also used, says a writer in the *Orange Judd Farmer*. These are all cooked.

Not much of one kind of plant is given at a time. Four measures of any one with four of corn chop to each of wheat bran, red wheat shorts and boiled fresh meat are fed as a mash—all the ducks will eat it up clean in a few minutes. If any of the mash is left, it is at once removed to avoid its getting sour. This feed is given twice daily during the winter and three times in spring. It has always proved satisfactory.

Rules for Poultrymen.

It is urged that all farmers and poultrymen adhere strictly to the following rules in handling their poultry and eggs:

1. Keep the nests clean; provide one nest for every four hens.
2. Gather the eggs twice daily.
3. Keep the eggs in a cool, dry room or cellar.
4. Market the eggs at least twice a week.
5. Sell, kill or confine all male birds as soon as the hatching season is over.

SUCCESS IN RAISING TURKEYS

First Consideration Is Desirable Location and Suitable Range—Few Other Essentials.

What do I consider the most important essentials to be a successful turkey raiser? First important consideration desirable location and good range, next, sound, healthy fowls of standard breed to begin with, for no one can succeed without sound, healthy birds to start with. Third, careful feeding. Fourth, keep free from lice. Last, but not least, dry roomy coop so they can be kept out of sudden showers. These equipments, coupled with sound judgment and proper care of poults, should make anyone successful in raising turkeys, says a writer in an exchange.

The way I manage mine after years of experience, I gather the eggs daily, keep in a place neither too cool nor too hot; turn eggs ever day. When the hen gets ready to set make a coop in some dry place, placing 15 or 16 eggs in nest; bring hen up late in evening, place on nest, keep fastened up two or three days, turn out so she can get something to eat and drink. Watch to see if she goes on same nest. When eggs hatch leave poults in nest 36 hours. Move hen and poults to large roomy coop inclosed in pen to keep anything from running over them. Dust hen and little ones with some good insect powder to kill lice.

Feed them egg bread first few days. Give them plenty of fresh water. When they are a few days old give them lettuce and onion tops chopped fine with bread crumbs. Also give them a little chicken feed consisting of grain, small seeds, grit and oyster shells. Keep fastened in coop until strong enough to keep up with hen; turn out in the morning, but see that they come home at night to roost. Sprinkle a little black pepper occasionally in their food, but be sure not to overfeed, as it brings trouble and disaster in its train.

Cleanliness Is Profitable.

Cleanliness in the poultry pens puts many dollars into the pockets of the poultryman.

CLASSIFIED ADVERTISEMENTS = = 1c a Word

See page 8 for full particulars.



Langshans

BLACK LANGSHANS—Cock bird scoring 93½. One excellent pair for \$5.00. A. A. Murrin, Box 386, North Adams, Mass.

Rhode Island Reds

FOR SALE—Rhode Island Reds, rose and single comb cockerels and cock birds. W. R. Forderhase, Berger, Mo.

R. I. REDS—Stock for sale, cockerels, pullets and cocks, Bran-Buschmann strain. We are looking orders for eggs for spring delivery. O. O. Bowers, La Porte City, Iowa.

Wyandottes

COLUMBIAN Wyandottes—Prize winners. Eggs for setting, prices on application. Medical advice on poultry. Prof. V. Croncy, 1030 Van Wyck Ave., Dunton, L. I.

WHITE Wyandottes—Bred for fancy and utility. Stock and eggs for sale from blue ribbon winners and winter layers. Prices reasonable. O. A. Barr, Albany, Wis. Mention Kiger's Poultry Journal.

Ducks

I HAVE some White Indian Runner Ducks to close out at reasonable price. If you want any write me what you want, I will quote you prices. M. H. Bailey, Arodale, Ia.

WHITE INDIAN RUNNER drakes for sale. Blue ribbon winners at Rutland county fair, \$3.00 each. Will exchange for Buff Orpington pullets or hens. Mrs. H. B. Tabor, North Clarendon, Vt.

Several Varieties

FOR SALE—Rose Comb Rhode Island Red,

Silver Laced Wyandotte and Mottled Ancona cockerels at \$1.00 each. Joseph Henke, Ft. Lorain, Ohio.

FOR SALE—Buff Orpingtons, Rose C. White Leghorns and Partridge Wyandottes. Extra fine lot, will make you some prize winners. Prices reasonable. Satisfaction guaranteed. Muehl Bros. Poultry Yards, Marshalltown, Ia.

EGGS from S. C. Buff Orpingtons, R. I. Reds, Barred Rocks, White Cochins Bantams and Pekin Ducks 15, \$2.00; White Indian Runners 12, \$2.00. Henry Fitzkam, St. Genevieve, Mo.

WRITE me if you need some Cornish Indian Games to improve your stock. I have some that will open your eyes, all from high scoring birds, also Golden Seabright Bantams. L. M. Parr, Weldon, Iowa.

"BEAUTY STRAIN" W. Rocks and Blue Andalusians, best winter layers. Book orders early for spring delivery. Eggs \$2.50 per 15, satisfaction guaranteed, all infertile eggs replaced. Edward Iverson, Galva, Ill.

BLACK ORPINGTON cockerels, Pekin drakes, young first class stock, extra large, fine color. \$2.00 each if taken at once. Eggs in season. Willbur Henry Leitch, Raleigh, Saline Co., Ills.

WHITE ORPINGTONS—Old and young stock, all scored. Also some choice Rose Comb Rhode Island Reds. Mrs. Harry Krawaw, Washington, Iowa.

Baby Chicks

BABY CHICKS and eggs in season. Rhode Island Red Specialist, Foundation stock; Thompkin's strain. None better. Sold under our guarantee. C. D. Bassett, Mgr., Rhode Island Red Poultry Yard, 7837 Dobson Ave. Grand Crossing, Ills.

Baby Chicks.—Bridgewater and Owen Farm Strain S. C. Buff Orpingtons. Ten chicks, \$3.00; 20 chicks, \$5.00, and one 50-chick size fireless brooder with each order. I guarantee chicks to equal any you can buy costing \$1.00 each. Save time; send order direct from this ad. Satisfaction guaranteed. Chas. Johnson, No. 1 Hoyles Avenue, Aurora, Ill.

Nursery Stock

GOOSEBERRIES at wholesale: Red Jacket layers, 1st class, \$3.00 per 100; \$20.00 per 1000. Downing layers, 1st class, \$3.00 per 100; \$20.00 per 1000. Downing, 2-yr., No. 1, \$8.00 per 100; \$60.00 per 1000. Red Cross Currants, 1 yr., No. 1, \$5.00 per 100; \$40.00 per 100. Order now. Terms cash with order. Wm. Mandel, Nurseryman, Bloomington, Ills.

\$25,000 MADE in spare time. Raise Golden-seal. Circulars free. Bowman Gardens, Box 33, Albany Wis.

All Classified Ads received, not found here, will be started in the January number.

NEW REGULATIONS FOR PARCEL POST

According to the regulations governing the parcel post system, promulgated by Postmaster General Hitchcock, perishable articles may be sent through the mails under specific restrictions as to their containers and the distance they are to be sent. Butter, lard, fish, fresh meats, dressed fowls, vegetables, fruits, berries and similar articles likely quickly to decay may be sent for short distances when securely packed. Eggs will be accepted for local delivery when packed properly in a container and for any distance when each egg is separately packed in a perfectly secure manner.

No restriction is placed on the mailing of salted, dried, smoked or cured meats but fresh meats will be transported only within the first zone.

Fragile articles, including millinery, toys, musical instruments and articles of glass in whole or in part, must be securely packed and marked "fragile."

Articles that may not be sent by parcel post include intoxicating liquors of any kind; poisons, poisonous animals, insect or reptiles, explosives of every kind; inflammable machines,

Miscellaneous

UNHEARD of bargains to make room for winter. Kellerstrass White Orpingtons \$1.00 up. Young's White Leghorns and Silver Campine-cockerels at equally low prices. Speedwell Poultry Farm, Cannonsville, N. Y.

BARGAIN: 1 Clover Cutter; 2 Hot Air Brooders, 150-300; 4 Fireless Brooders, 60 size; 2 Petaluma Incubators, latest models; 1 Feed Mixer, 100qt. size. Reason for selling. Jas. Houck, Tiffin, Ohio

PIGEONS—All varieties cheap for quick sales. Racing Homers and Dragons a specialty. Circular free. Common pigeons wanted. McLaughlin's Pigeon Lofts, 119 Huron St., Port Huron, Mich.

RABBITS: Flemish Giants, Belgian Hares, Lap Ears, Angora Rabbits, Cavies, Pheasants and all of pet stock. Book on Rabbits 25 cents. Poughkeepsie Rabbitry, 22 Gate St., Poughkeepsie, N. Y.

pistols or revolvers, disease germs; any obscene, defamatory or scurrilous matter now prohibited by law; live or dead animals or birds, or live poultry; raw hides or pelts, or anything having a bad odor.

Books and printed matter may not be forwarded at parcel post rates, but only at the pound rates of thirdclass matter.



IOWA'S GREAT SHOW

\$2,200 IN CASH AND 50 HANDSOME CUPS

For eighteen years one of the largest and best shows in the Central West, has been held in Cedar Rapids, but, the show for this year will lead them all in the liberality of its cash and special premiums. It is bound to be Iowa's Greatest Show. The dates are Jan. 13-18, with Russell and Tucker, Judges. For Premium List address, F. D. MONILAW, Sec'y Cedar Rapids, Ia.



Several thousand sample copies of the January, February and March numbers will be mailed with our Distinctive Business Getting Printing samples... A hint to advertisers.

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SUCCESS

A Feast of Facts and Sensational Secrets

(Continued on next page.)

Briggs	Feed
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Method	Money
SAVE	Chicks
	Equipment

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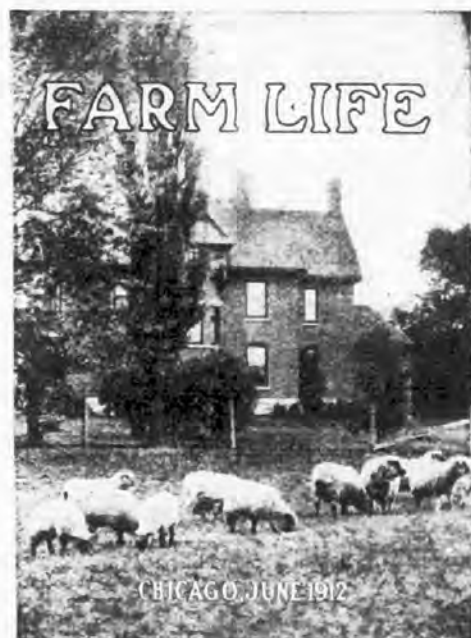
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---Continued on Page 25---

(Big Clubbing Offer---Continued from Page 24)

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