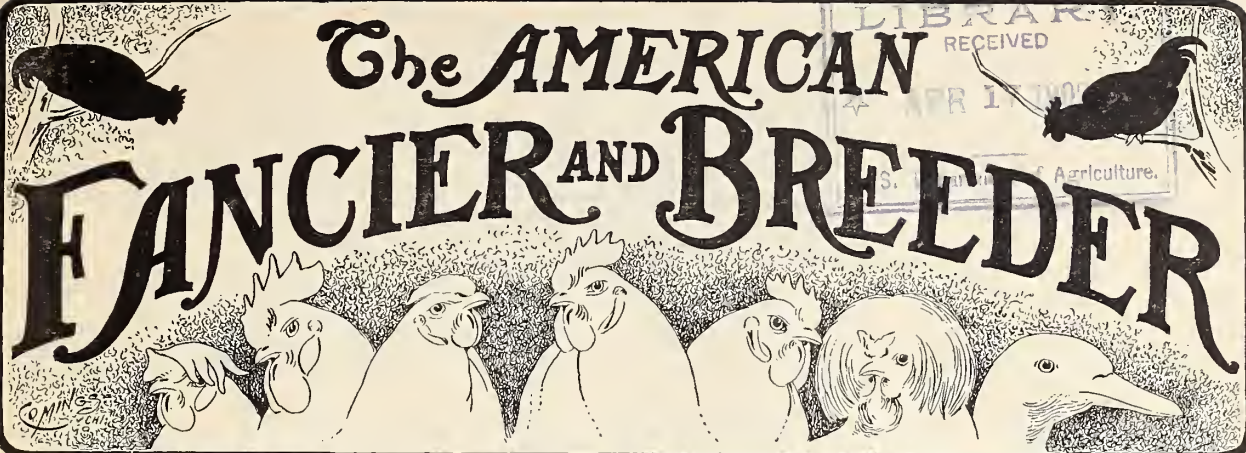


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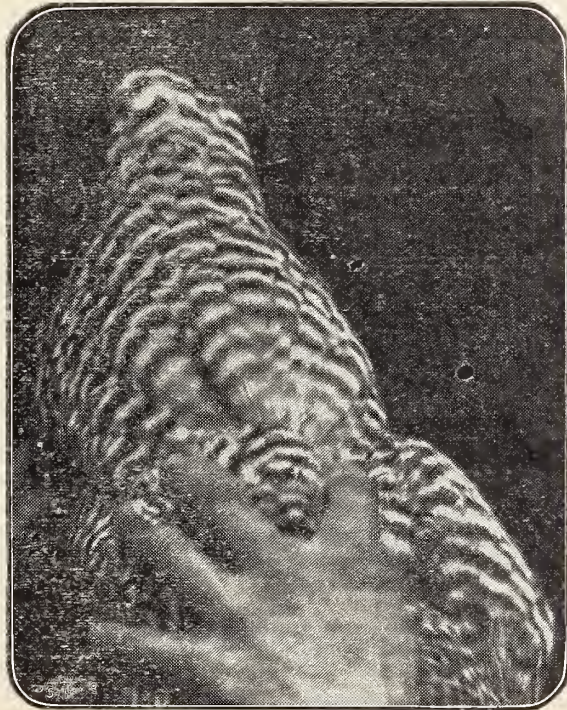
The AMERICAN FANCIER AND BREEDER



Vol. 19.

De Kalb, Illinois., March, 1902.

No. 3.



BARRED PLYMOUTH ROCK PULLET showing undercolor. Bred and owned by Porter Bros., Muscatine, Ia. See ad on page 6.

FREE A 25c GIBSON CHICK Marker with each 35c yearly subscription to Poultry, Bees and Fruit, a monthly journal containing the cream of the poultry, bee and horticultural world. Address, Poultry, Bees and Fruit, Davenport, Iowa.

THE HONORS AWARDED.]

To my Buff Leghorns during the past eight yeass, in which they have been bred, probably exceed in number those awarded to any other breeds. I have this year for the first time, under color on females and females as good as the Buff Cochin, no one hae got better, at least I have not heard of it. Large circular free. Eggs \$2,

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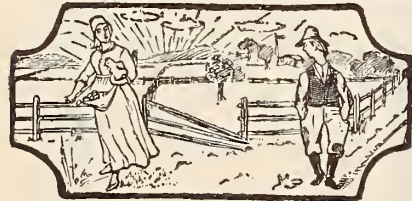
\$1.00 Rids hens of vermin. No dusting fowls or painting roosts. Just place them in the nests as nest eggs. They evaporate, the odor drives lice and mites away in ten days is our guarantee. Agents wanted everywhere anvasing. Sample 12 eggs \$1.00.

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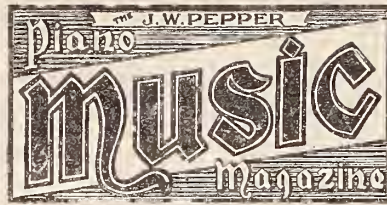


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"To set a hen!" she tartly said.

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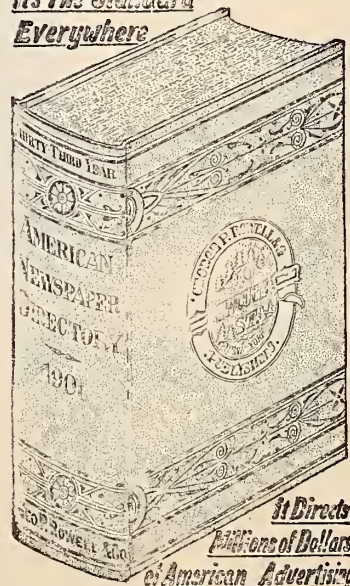
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The American FANCIER and BREEDER.

A MONTHLY MAGAZINE DEVOTED TO POULTRY CULTURE.

Vol. 19

DE KALB, ILLINOIS, MARCH, 1902.

No 3.

Choosing a Breed.

Taken from a recent issue of COMMERCIAL POULTRY.

As an excuse for selecting this much discussed subject once more we print below a letter received by the editor of Commercial Poultry. The letter, which is signed by a subscriber and dated from a town in Kentucky, is as follows:

"I was thinking of breeding Buff Rocks, but my father wants Buff Orpingtons, and as we have room for only one breed, which do you think is the better all-purpose fowl of the two? Which would you advise me to choose?"

For the benefit of our correspondent and of all those who find themselves in a similar state of indecision we would say that as

thing near perfection. The Buff Orpington are a white skinned breed, which is against them from the American market point of view, but on the other hand they have beautifully shaped bodies from the market standpoint. They have a long keel and a deep, wide breast, making them good table fowls.

As our view of this breed is perfectly disinterested, we are free to say that if we were to be called upon to decide for ourselves which of the breeds to take with either one of them that happened to come within our reach.

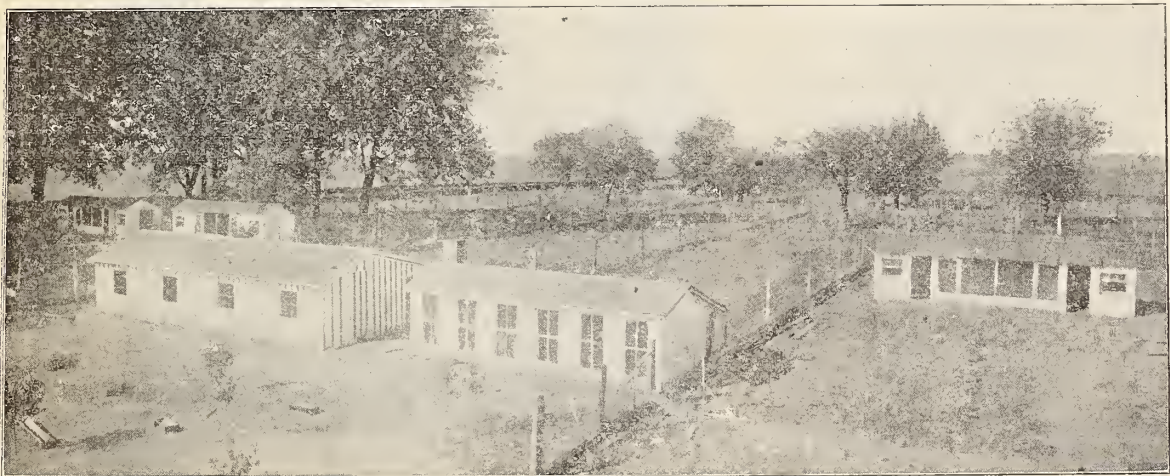
This matter of selecting a breed is important only and solely as it affects the owner of the fowls. We might not care for either of the breeds named above, and in such a case neither would be the better for us to select. Every breeder of poultry

instructive and frequently very interesting.

YELLOW LEGGED CHICKENS.

Some people imagine that a chicken must have yellow skin in order to make it fit to eat. The color of the skin does not make the flesh taste any better. Chickens with dark or white legs will be found as palatable as those with yellow legs. It is told that preachers have a liking for yellow-skinned chicken and perhaps there are others.

Yellow corn is no better, no sweeter, no nutritious than white corn, yet nevertheless, there are many people who believe the former to be the better. We may still find people in the United States who believe that the earth is flat, that hogs must be killed at a certain time of the moon, that they may not go to grease or that potatoes should be



This is a part of Fannulener Poultry Yards where the celebrated Heck W. P. Rocks are bred. Galesburg, Ill. R. F. D. 3.

between the two named there is little chance to make a mistake. The Buff Rocks are a noble breed; they have been so skillfully bred that they are about perfect as to color and shape; they are new enough to be in good demand and as layers they will probably compare favorably with any of the larger breeds.

As to the Buff Orpingtons, they are a new breed to this country and have been received with open arms, so to speak, by American breeders. It is claimed that they are prolific layers, but some carefully kept egg-records that we have had access to do not show that they are any better in this respect than the Rocks or Wyandottes. The Buff Orpingtons were admitted to the Standard at the Charleston meeting of the American Poultry Association, and Standard requirements adopted are so strict that it will take skillful breeding to bring them up to any-

should select the breed that he most delights in. In an impersonal way every lover of pure-bred poultry takes delight in looking at a good specimen of any of the breeds, but when it comes to ownership there is always one breed of which he does not tire, if he is he is a genuine fancier. That is the breed for him to choose for his use.

Without indulging in any sentiment experience bears us out in the statement that our favorite breed does better for us than any other breed would or could. Outside the miscellaneous class, there is not a breed of fowls named in the Standard that cannot be made profitable if the owner really delights in them.

Our columns are open at all times to the admission of evidence as to the merits of any breed, if that evidence is based on tangible facts. We haven't room for theorizing but actual experiences are always

planted at a certain time to keep them from going to tops, and many similar superstitions. These are perhaps, no more unreasonable than the belief that a chicken must have a yellow skin to render it a delicacy.

Yellow-skinned poultry may look nicer, and bring better prices, and for that reason we should raise chickens with yellow legs and skin, because the public think they are better and will pay a better price for them.

In England the conditions are reversed. A chicken with a yellow skin will not be preferred by an Englishman. In fact, they do not like them at all. But we are not raising chickens for the English market, and therefore, we must breed the fowl which will catch the American fancy. We must admit that the English people are excellent judges of what is good to eat, and when they wish something select, they find it in a white skinned chicken. Thus we see that

it is merely a question of hobby in regard to the superiority of yellow or white skinned poultry. A Plymouth Rock is no more palatable than a Houdan, Dorking, Langshan, or Buff Orpington. If an epicure were blindfolded and two chickens were placed before him, one with yellow skin, the other with white skin, it is very doubtful if he could find any difference or distinguish one from the other.

As long as the yellow skinned chicken is the fad in America, it will be the more profitable to raise the same. The man who can successfully cater to all kinds of fastidious tastes and odd notions will be the most popular and make the most money.—Standard.

MASH.

A warm mash of vegetables, bran, corn meal, ground oats, table scraps, etc., is a food for laying hens, if properly fed. But when used as it is generally, it is often detrimental to egg production and injurious to the health of the hens. Many people need to be cautioned against the morning mash as they feed it to hens intended for winter laying.

I have never been enabled to understand why this is almost universally called the "morning mash," or why it should be considered the proper thing for the first meal of the day by so many breeders of poultry. My method of feeding mash, when I use it at all, is to feed at supper time, just before the hens go to roost. When fed at that time of the day, can safely give them all they will eat up clean, but at no other time of the day ought this be done. I am not exploiting a theory now, but am giving points of knowledge gained by actual experience.

In the early winter morning the hen comes off the perch feeling a little chilled and stiff, and if allowed all the, or any other kind of feed, she can eat from the trough or ground, she will pack her crop full and hunt the warmest corner of the house and loaf there until that food is all digested.

Under this system of feeding, the hens soon become fat and lazy, as there is no inducement for them to take exercise. While I do not believe in the theory that a fat hen will not lay, I do know that an overly fat hen is not the best egg producer in the world and is in most cases an easy mark for disease.

I would recommend for the first feed, wheat, oats or cracked corn, or equal parts of the three, scattered in the scratching litter. If you don't get up early enough in the morning to scatter this feed by the time the hens leave their perches, you had better attend to it the last thing at night, so that biddy can begin to work as soon as she awakes in the morning. If you think the daily mash is a necessity to your fowls, try feeding it at night. Let them fill up on mash and go to roost with full crops, giving them the whole night in which to digest it, and be ready for work early in the morning.

The health and laying qualities of a hen depend to a great extent on the amount of exercise she takes. The plumage also is brightened by exercise; so if we would keep our fowls in the healthiest, brightest, and consequently the most profitable condition, let us feed what mash we use at night.—E.

Hen Manure and Its Farm Value.

With eggs worth 2 or 2½ cents each it does not require much argument to convince the farmer that the hen is one of the most valuable adjuncts of his business. But not the least valuable product of this fowl is the fertilizer she makes. And yet this feature of the case is often overlooked and little store set by anything the hen does except the eggs she produces.

It is not entirely possible to accurately estimate the value of hen manure. Attempts to do so are more or less in the nature of an

As against the horse, hens yield a fertilizer more than three times as valuable. While sheep manure is less than half as valuable, we know that few kinds of farm fertilizers surpass that of sheep.

It pays, then, to save hen manure with great care. It ought to be put where rain, snow and sunshine cannot reach it. It never should be mixed with ashes, as some do, for the chemicals in the two work destruction to the manurial qualities of the fertilizer. When it is to be spread it may be mixed with plaster or road dust to make it handle better. With us, the best way to use hen manure is in growing corn. When the rows are just beginning to show we scatter the manure, mixed with plaster, along by the hills following by the weeder, which thoroughly mingles the manure with the earth and prevents the escape of the nitrogenous and phosphoric properties. Thus



FIRST PULLET. Nebraska State Fair, 1901, Lincoln, Neb. Bred, owned and exhibited by J. Cook Johnson, Omaha, Neb. "Princess" strain S. C. W. Leghorns

approximate opinion. This is made more uncertain by reason of the different care different men take of the droppings from their houses. Some throw them out and allow them to become wet by the storms. This greatly reduces the value of the fertilizer. I have seen boxes of hen manure thus treated which were worth little more than so much sawdust. And the results of excessive drying is not much less destructive to the properties of hen manure. If exposed to the direct rays of the sun for days, or perhaps weeks, the ammonia will largely escape, bringing about a serious loss of value.

But if properly cared for there is no fertilizer produced on the farm which is richer than that of the henhouse. Compared with barnyard manure, ton for ton, the hen manure is about four and one half times as valuable as nitrogen, potash and phosphoric acid.

used there is no manure which will give corn a finer start. It will show all through the season and be manifest in the harvest.—E. L. Vincent in Farmers' Advocate.

Always use pure-bred stock and give the scrub no room.

Poultry fanciers should keep their fowl houses and yards always clean and ready for inspection

When you feed your fowls it is better to give too little rather than too much. Make the hens work.

One acre, devoted to poultry, will give a larger profit than four acres in cattle. This fact has been demonstrated.

Those who have pure breeds should advertise. An ad in the "Fancier & Breeder" will bring trade. The sale of a few sets of eggs will pay for an advertisement.

BUFF COCHIN BANTAMS.

BY ERNEST B. BLETT.

The whole Bantam family seem to be put down as a small insignificant lot of the hen creation, and I suppose it is because they are so small, but I know they are not as large as our large Buff Cochins or Brahmas and yet they will pay well for their keeping. They are utility poultry as people with small room may have a flock of twelve where they could not keep one-fourth that amount of our large breeds. They are poultry for city people with small room. The Buff Cochin Bantam seems to be admired by more people than other breeds, their rich buff color, short legs and heavy toe featherings seems to add beauty to their small bodies. They breed very true to feather, and from the practical side of the question are designed for people in the city, living where they only have a small back yard, for a few of them can be kept in very close quarters and the scraps from the table will keep them, and they will more than repay you in eggs as they are very good layers, laying an egg very nearly as large as lots of strains of Leghorns

The Buff Cochin Bantam came originally from Peking, China, and they have been called Peking Bantams until a few years ago when the breeders dropped the word Peking. They were brought to England among the spoils taken from the Royal Summer Palace at Peking when it was sacked by the Anglo-

French expedition in 1860.

The chickens when hatched are quite small; they are white with a buff tint, they are quite hardy and grow quite fast. I have always before fed a variety of food but this season I am feeding hoe cake or johnny cake and I never saw a more promising lot before. I have not had one sick. I always supply plenty of grit for them, and that will keep away bowel trouble with plenty of good fresh water in clean dishes. One-half or more bowel trouble is caused from the lack of grit and pure clean water. The Buff Cochin Bantam hens are extra good setters and mothers, they will fight dogs and cats, and have good success in raising a big per cent of their young, I have not lost one chick this season after taking them from the nest. There is only one thing to be successful in raising Buff Bantams or any breed and that is to keep the lice away, it seems to me that lice will coooper a bantam chick quicker than the larger breeds of fowls. It is a delight as well as business to raise them to the Standard, breed them true to color and bring them up as high as possible. Good birds are always in good demand. I have been offered some quite fancy prices and have received some fair prices for stock, so you see there is money in it as well as pleasure all for the city people with small room. Some seem to think Bantams must be hatched late and also stunted in order to keep them small or down to their standard size. I cannot agree with them from my exper-

ience. If they have the right kind of stock and are properly mated they will not have to stunt them or hatch them late to keep them down in size, and I myself never saw a stunted bird develop to standard shape or amount to anything as a breeder. We have enough to contend with without stunting our birds. I don't want such stock or strain of Bantams that have been stunted to keep down that size. My Bantams are raised on good wholesome food all they need and have had no trouble to keep them down in size. They have the shape; if they were stunted when young how could they attain correct shape and develop into good birds? When buying stock or birds to make a start be sure you are on the right road. Don't buy eggs from unhealthy stock. Start right, no matter what the price is, better pay a good price and get something than pay a poor price and get nothing.

To get rid of the neighbor's cat explode a torpedo under her tail whenever she comes around. The neighbor will appreciate the joke and you will get rid of the cat and keep your neighbor's good will at the same time.

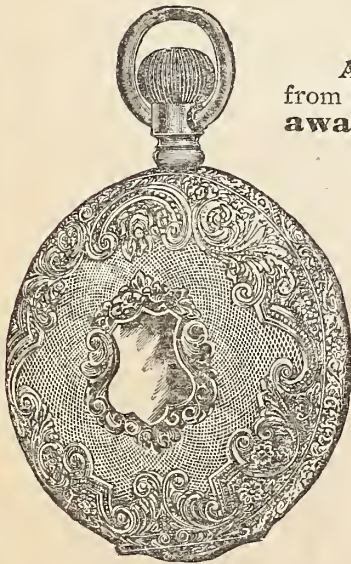
Any farmer who has a large orchard and does not keep a large flock of hens upon it is wasting valuable space which could be profitably utilized with advantage.

Because the fowls all run open mouthed when you appear in sight, don't assume they are hungry. The greatest fault with many inexperienced people is that of over-feeding.

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The AMERICAN FANCIER and BREEDER

Published the 15th of each month.

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DEKALB, ILL., MARCH, 1902.

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Rev. C. E. Peterson of Linneus, Me., who is recognized as one of the greatest living authorities on domestic poultry, has written a book entitled, "The Houdan Fowl, origin, history, and management, For Domestic use and Exhibition."

Although based on the Houdan, the volume contains much of great value, and the chapter on scientific breeding is alone worth the price of the work to every poultry fancier.

Mr. Peterson has spent years of study and research in poultry matters, and his library contains many hundred volumes in several languages, regarding poultry. He has had many years of experience as a practical, scientific poultry breeder, and his suggestions are admirable.

The French, English and American Houdan Standards are given, and Mr. Harrison Weir and Mr. S. W. Thomas of England, are contributors to the book, which contains 37 illustrations and much information not to be found elsewhere.

Take it all in all, the practical knowledge of the writer, his splendid opportunities for research and the great effort and care he has exercised in this task, have resulted in one of the best works on poultry ever produced.

The book will be sold in cloth for \$1.00, and in paper for 50c, and is therefore within the reach of all.

The National Fanciers' Journal, 324 Dearborn St., Chicago, is publishing the book,

and will be glad to give further information regarding it, or to receive orders now for delivery in the near future.

Get the prices on John Clevis's fine white wyandottes. His card is on another page of this number.

We wish to say that the article "The Value of Green Bone" which was in the January number of this paper, was written by the American Poultry Journal. It contains valuable information which every breeder of poultry should know.

Write to Lloyd E. Thompson for his prices on white wyandottes and Golden Sebright Bantams. See his ad on another page.

See the card of Porter Bros., Muscatine, Ia. The kind of stock they breed is shown by the half-tone on the front cover.

The White Leghorn Poultry Yards have a new ad in this issue. Please mention this paper when writing to them.

Drop a line to John Niesman of Brodhead Wis., and get prices on his breeds. Notice his card in this number and mention it when writing.

Send for W. A. Bartlett's pigeon book. Mention American Fancier & Breeder when you send for it.

R. M. Kellogg has an ad in this number and should notice what he has to give you if you only mention this paper.

The Invincible Hatcher Co., has an ad in this issue. Write for their catalogue, and if you want a good incubator you can get one by selling some to your friends. Mention this paper.

Send 4c to Forest Incubator Co., for catalogue and special prices. See their ad on another page of this number.

Now is the time to get your fruit trees. Get them of Stark Bros. Tell them you saw their ad in American Fancier & Breeder.

Notice the ad of The W. T. Falconer Mfg. Co., and see if you are not interested in their incubators and brooders. See their ad.

If you want a bicycle write to the J. L. Mead Cycle Co., for catalogue and prices. Please mention this paper.

Ponca Wyandotte Yards have some fine eggs for hatching for sale from their choice exhibition S. L. Wyandottes. Ad on page 7.

Poultry will never pay unless given proper care. The idea that chickens will take care of themselves is a poor policy and failure will result when this is carried out. Poultry should be given the same care that other stock receives on the farm.

PLEASE DON'T forget to mention the FANCIER & BREEDER when writing to our advertisers.

EARLY CHICKENS

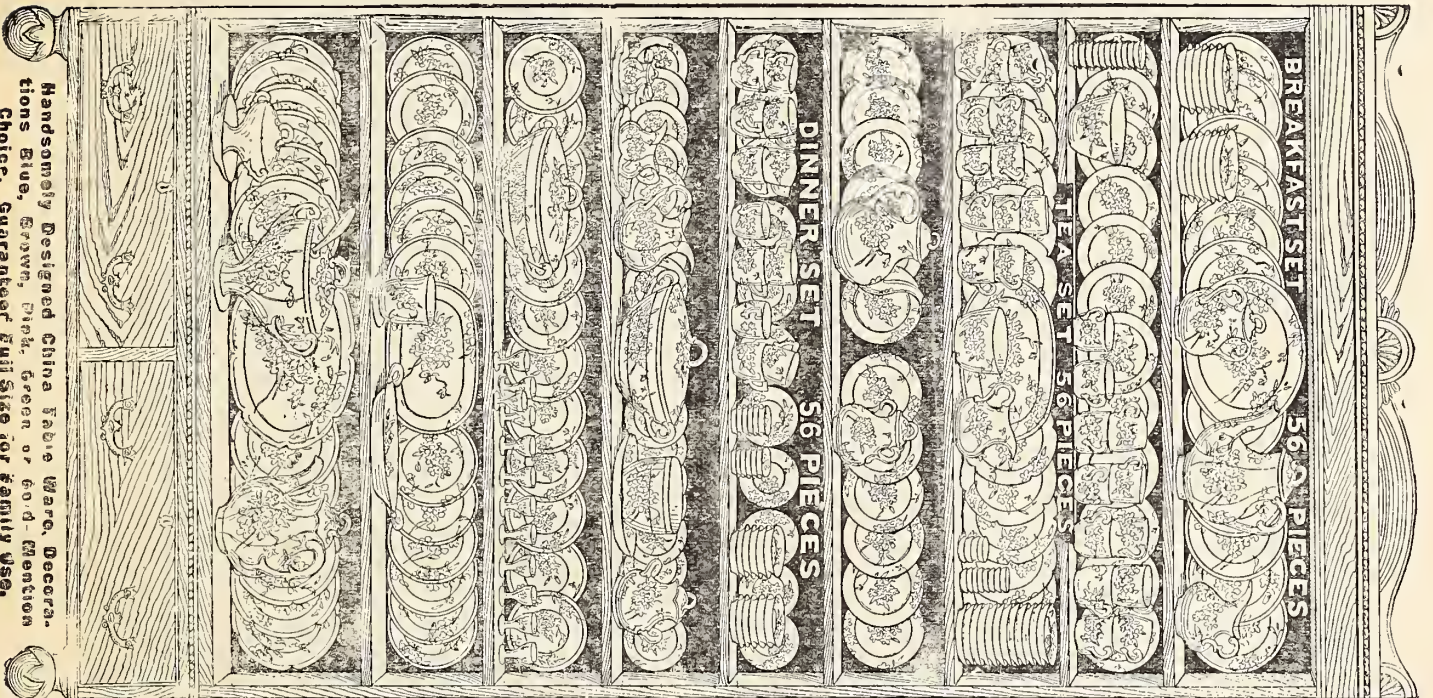
By J. M. GILBERT

Early chicks are what we all want but the problem that confronts us is to get them without such excessive cost. Unless one has excellent facilities for early chicks, April and May will undoubtedly give much better results. To get chicks we must have fertile eggs, and to get these is sometimes a problem. The scratching shed or a coop that can be opened up so as to admit the sun and fresh air is a necessity towards fertile eggs and care should be taken to gather the eggs often before being chilled as many of us do not possess extra warm houses. The males should be separated from the females until you want to put them in your breeding yards and the eggs will show a marked increase in fertility. I find incubators far superior to hens this season of the year as hens are liable to leave their nests and the eggs become chilled and you are out what may have been birds wearing the blue ribbon which we are all so eager to win. There are many good incubators on the market and no one takes any risk in buying a machine, that is a first-class one, but under no circumstance buy a cheap one, as the results are liable to be far from being satisfactory. After you get your chicks the next point is to raise them and the battle of life just commences. An indoor brooder is the real thing to start a chick in for two or three weeks and then transfer them to the outdoor brooder. A shed with the front covered with muslin answers the purpose very well for sheltering the brooder, as it admits plenty of fresh air and still keeps out all storm and wind. Fresh air is a necessity to growing chicks and they must have it to do their best, as hot house fowls are of very little use to any one. Never crowd into a brooder a hundred chicks even if you do have a two hundred size brooder, as thirty to fifty is enough to put together.

Some prefer one kind of feed and some another. One will have good success feeding rolled oats and another will get disastrous results with the same, but my experience has been that Spratts Patent food is the thing to start and condition birds on; still there are many other prepared foods on the market that give good results. Powdered charcoal should be kept before the chicks all the time as it is one of the best remedies for indigestion and bowel trouble.

Hatching with hens one should be on the lookout for lice and not let them get on the little chicks, as the majority of dead ones are due to lice.

Anyone hatching for the winter shows May, June and July are the best months for the birds will just get in fine feathers by that time, still my 3rd Buff Wyandotte pullet at Madison Square Garden was hatched the first of February and moulted just in time to be in the pink of condition for that show. Many are of that opinion that a buff colored fowl hatched in May or later has a much better and smoother shade of color than those hatched in the winter.—Poultry Standard.



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REASONS FOR LIBERALITY. We manufacture the celebrated family and household remedy for men, women, and children—**BLOOD GLOBULES,** a specific for all blood diseases, nervous disorders, sluggish circulation, impaired vitality, rheumatism, female complaints, liver, kidney and stomach troubles. We guarantee it to be the best remedy on earth for these diseases. We wish to introduce **BLOOD GLOBULES** in thousands of homes where it has never been used, and have set aside \$25,000 CASH to be spent in giving away valuable and useful presents to those who are willing to help us.

THE ONLY CONDITION. This is one of the most sensational strokes of advertising ever launched and we will carry it out, as our reputation depends upon the fulfillment of every promise made. In these days of active competition in business enterprises, it is necessary to do something startling to outstrip one's rivals and that is just what we intend to do. Of course a large amount of cash and nerve are required to enable anyone to take the said. We have both. **Remember you need not pay a Penny in advance.** Only send your full name and post-office address with nearest Express and Freight Depot. We box pack, and deliver the Sets **FREE OF ALL EXPENSE** to Express or Freight Dept and we further guarantee against breakage or damage in any form.

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BLOOD GLOBULE CO., New York. **CUT FROM AMERICAN FANCIER AND BREEDER.**

PLEASE SEND ME 7 COXES OF BLOOD GLOBULES, WHICH I WILL SELL AT 25 CENTS A BOX, AND I AGREE TO REMIT THE \$1.75 WHEN SOLD. FORWARD ME THE PRESENTS SELECTED BELOW.

Name.....Town.....State.....

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Do you want a Breakfast set?.....

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What additional present do you want?.....

If you do not wish to cut this paper then make a copy of this coupon and send us your written order.

**"The breed that lays
is the breed that pays"**



**SINGLE COMB
White
Leghorns**
are the greatest layers known

Replenish your stock from our special prize pens, headed by four great prize winners. 15 Eggs \$5.00. Also eggs from high-class birds scientifically mated, with all the leading features of true single comb White Leghorns, \$2 for 15; \$8 per 100; \$60 per 1000. Large or small orders receive equal attention. Write for full details.

White Leghorn Poultry Yards, Waterville, N. Y.

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CARDS of 30 words or less, in card column.

1 insertion 50 cents. 3 insertions \$1.00.
6 insertions \$1.75. 12 insertions \$3.00.

Cards with small illustration, of 20 words or less at the above rates. Over this number of words in plain or illustrated cards, 2 cents for each extra word. All cards must be paid for in advance.

CHICKENS, Ducks, Geese, Turkeys, Guinea fowls, Pea fowl, Belgian Hares, Rabbits, Guinea Pigs, Rats, Mice, Dogs, Cats, Ring Doves. Eggs for hatching. State wants. Wm. A. Bartlett, Box 34, Jacksonville, Ill.

PRINTING! Letter heads, Note heads, Envelopes, Statements, Price lists, Circulars, Cards &c. Address: American Fancier & Breeder, DeKalb, Ill.

Poultry Breeders send 50c for a 20-paged monthly devoted to poultry, etc. Sample 3 cents. "Michigan Poultry Breeder," Battle Creek, Mich. Or send 55 cents and receive "Michigan Poultry Breeder," and THE AMERICAN FANCIER & BREEDER both 1 year.

BUFF COCHIN BANTAMS. I have 2 fine pens mated, from which I will sell a limited number of eggs at \$3.00 per 13; or \$5.00 per 26. No stock for sale. Write for particulars. H. E. Munger, DeKalb, Ill.

GOLDEN SEBRIGHT BANTAMS bred from Crystal Palace Winners. Breeders in my yards score from 92 to 96. Eggs \$3.00 per 13; \$5.00 per 26. Send for illustrated catalogue. Free. Lea M. Munger, DeKalb, Ill.

EGGS FOR HATCHING from fine Partidge Cochins, White Wyandottes and S. C. Brown Leghorns at \$1.50 per setting of 13 or 26 for \$2.50. will spare a few settings of Buff Cochins and Light Brahmas at \$2.50 per setting, and White Indian Games at \$4.00 per setting. Have bred fancy poultry for 25 years. Address, John Niesman, Box 338, Brodhead, Wis. 4-6

WHITE WYANDOTTES. Females, large, and fine, all carefully mated for best results, I ship choice eggs. If you do not get what you consider a fair hatch I will duplicate your order free. Mention A. F. & B. Eggs \$1.00 per 15 or \$1.75 per 30. John Clevisch, Carlisle, Pa. 3-5

PIGEON Book, illustrating, describing all varieties, arranging loft, feeding, breeding, caring for, 5 cents. 1,000 Pigeons for sale, prices sent free. Wm. Bartlett & Co., Box 34, Jacksonville, Ill.

EGGS FOR HATCHING. From Barred Rocks that won 1, 2, 3 pullet, 2, 3, 4 hen, 2, 3, ckl., 1 pen and the \$20.00 in gold for best pen of Plymouth Rocks at Muscatine, Jan., 8-11 1902, F. H. Shellabarger, Judge. Eggs only \$2.00 per 15. Porter Bros., Muscatine, Ia. 4-02.

Poultry Runs on the Farm.

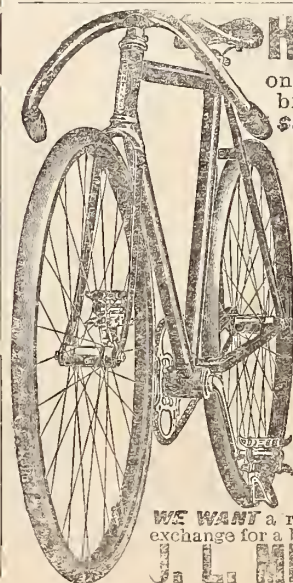
We have heard it frequently claimed, says Poultry Farmer, that chicken runs were not necessary on the farm, as there the chickens could have a large range. This may or may not be true according to the management given the poultry. As they are usually managed, there can be no need of runs. As they should be managed for best results, they will be found necessary. A great many people in this world have to be shown some things before they will believe. On a great many farms only one kind of fowl is kept, and that kind is any kind that happens to hatch out from the mongrel stock kept. On other farms a few good cockerels are bought each year and all hens sold that can be caught and the breeding is carried on indiscriminately and without any definite object in view. No improvement is obtained except supposed improvement. What is most needed is to select a few of the best hens on the farm and mate them with some good male bird, all eggs set during the season being obtained from this mating. In order to carry on this as it should be done the hens will have to be confined in runs. If two or more varieties are kept the runs can be kept employed during the breeding season, and latter the whole flock can have the entire range of the farm if necessary. Very few people carry on stock breeding as they do poultry. No one catches up the best of everything and places it in the market, breeding from what may be left.

Breeders are selected in every line; and why not in the poultry business? There is one other use for runs that will come handy on any farm where they may be employed. It is the separation of chickens of various ages kept for various purposes, and feeding each lot as the occasion demands. Laying hens may be fed for laying, if it is thought advisable to do this on the farm, and as many eggs can be obtained as when permitted to run at large and feed as they can. Growing stock may be kept in a separate pen and fed food that is calculated to give them the most growth. If fowls are selected for fattening, and if it is necessary to feed them fattening food, such food can be fed only to such who are in need of it. There are many advantages of runs that can hardly be enumerated here. No poultry plant is complete without them. Those who have them should turn them under occasionally and plant some kind of crop so as to keep them renovated and make their sanitary condition good. Where the ground is worked occasionally and and put to some good crop there is less danger of troubles constantly without this precaution. The best material from which to make runs is poultry netting. It is cheap, and when properly put up makes ideal fences for runs. If the runs are small a couple of boards at the bottom will be a great help toward making them safer. Fowls can not fight through the netting, and there is less tendency of uneasiness among males that may be in separate pens.

Select your best females, and if you haven't a good male, better buy one at once.

If in doubt about the age of eggs test them in salt water. Dissolve two ounces of salt in a pint of water. A fresh-laid egg will sink in it; if three days old it will swim; if more than three days old it will rise to the surface and project more and more as it gets older.

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one in each town to ride and exhibit a sample 1902 model bicycle of our manufacture. **YOU CAN MAKE \$10 TO \$50 A WEEK** besides having a wheel to ride for yourself.

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We ship any bicycle **ON APPROVAL** to anyone without a cent deposit in advance and allow **10 DAYS FREE TRIAL.** You take absolutely no risk in ordering from us, as you do not need to pay a cent if the bicycle does not suit you.

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WE WANT a reliable person in each town to distribute catalogues for us in exchange for a bicycle. Write today for free catalogue and our special offer.

J. L. HEAD CYCLE CO., Chicago, Ill.

Fattening Turkeys for Market.

I do not wonder that there are so many failures in fattening turkeys for market, when we take into consideration the course so many breeders make in fattening their birds. I have frequently seen flocks of turkeys penned up in a building for the purpose of fattening for market, and it was a failure every time. This is no more than should be expected, for turkeys are of a wild nature, and as soon as they are cooped they begin quarreling, chasing one another about, and constantly worrying for freedom. They soon tire of their food, grow thin, and will (when killing time comes) weigh less than when first cooped with the expectation of fattening them.

There are other growers think that to fatten turkeys they must have all they can eat at all times, and keep shelled corn constantly before them for several weeks, expecting to find very fat birds when killing day arrives. But, usually, such birds are not as fat as expected, and I have found many sick birds in flocks treated in the above manner.

If I had a healthy, vigorous lot of turkeys that I wanted to prepare for market, I would give them absolute freedom, and all the clean water they would drink. The fattening process would continue through four weeks, and at no time would I give them quite all they could eat; for, as sure as you overfeed, you will begin to notice sick birds in the flock. I would feed corn of last season's crop, and would not shell it from the cob, but break the ears in two or three pieces and let the turkeys do the rest. For the first week I would feed sparingly; after that more liberally. After the second week I would feed at noon also, and would give them wheat, oats, or a mash of boiled potatoes and corn meal mixed to a crumbly mass. To this would be added a handful of oil meal and two or three handfuls of beef scrap for every twenty birds. This mash should be cold, fed in a long trough that is kept perfectly clean, and grit of some kind should be placed where they could always get it.

My object in making them pick the corn from the cob is to give them exercise, and because they will not roam so far from home if kept busy, for an hour or so picking corn. If the birds are kept healthy they will be full breasted and covered with fat after four weeks of such feeding.

EARTH FLOORS.

You ought to have the interior of your fowl house dry always. If you have no natural knoll to build it upon, you should raise a little mound of earth a foot or two high, so that the rain water will drain away from the building in every direction.

A very bad plan is to use concrete (or any hard substance) for flooring to poultry houses, unless it is covered with earth. The fowls, of course, cannot scratch, and it keeps the

feet constantly "on the stretch," owing to its unyielding nature. We should very much prefer the bare ground. The drier the earth and floor is inside your building the better. Then put your dust boxes near the window so as to receive the direct rays of the sun; and if the fowls make the dust fly all over the apartment, so that it will lodge on the nest and on the perches, and cling to the walls and partitions, all the better. Dust is noxious to vermin. We do not consider that it is any benefit to the fowls to compel them to breath a dusty atmosphere all day; but still we think they will be able to get along without any excessive bad effects; and the good that they receive from being free from vermin will more than compensate for any slight injury they may receive.

In buying eggs for hatching this spring, don't wait until the last thing just before you want them, but send your order in earlier and have it booked for late delivery, so you will be sure to be able to get it filled promptly when desired. It is not unusual for breeders of choice stock to receive more orders than they can fill, and, of course, the first orders are the ones which are given preference. Order early, but the best obtainable, and there will seldom be any cause for disappointment. The range in quality of an article generally corresponds to the range in price, and in buying pure-bred poultry or eggs for hatching it certainly pays well to buy the best, even though one has to buy less in quantity. The numbers can be easily and quickly increased, but not so with quality.—Commercial Poultry.

Never risk setting pullets on valuable eggs.

Use insect powder freely around setting hens.

Don't give food to your young chicks until they are thirty six hours old.

RIPANS

I have been taking Ripans Tablets for the dyspepsia, and they have helped me wonderfully. I do not know any particular way they effect me, but they seem to give vigor to the entire system. I had a sort of languid feeling, but since taking the Tablets I feel spirited and have not that melancholy way about me. I think they are good for a general build up of the system, as they seem to act like a tonic.

At Druggists.

The Five-Cent packet is enough for an ordinary occasion. The family bottle, 60 cents, contains a supply for a year.

1890

1901

ROYAL BLOOD
Silver Laced Wyandottes
For Sale.

Winners Big 4 Show, Sioux City, Ia., in '98, Lamars, Ia., in '99, National Fancier's Meet, Cedar Rapids, Ia., 1900, and at Neb. State Poultry Show at Lincoln entered 10 birds, won 1st. Cock score 92½ 1st, 2nd, 3rd Cockerels, score 94¼, 1st, 2nd, 3rd pullets, score 93½, 2nd hen in large class and very warm competition. We have never had but one bird defeated. Never had a bird scored except in the show room. We have a few breeding pens to spare, possibly not up to weight but soon will be, at \$12 50. Prios at \$7 50. See half-tone of our bird, in frontispiece of March (1901) number of this paper. Can't sell you quite as good as those at those at this price, but they will produce Prize Winners for you. Exhibition birds our specialty. If anyone can please you we can.

Ponca Wyandotte Yards,
I & N. M. CONNOR, PONCA, NEB.

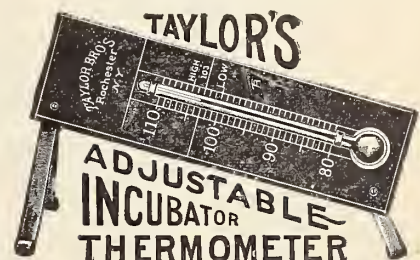
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a good profit every year. No crop failure. Any one can keep them. If you are now raising poultry get some bees and fruit. They will pay you. The

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75 CTS. EACH. 3 FOR \$1.50.

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OLSEN'S HEADACHE CURE.

Containing Positively no Opiates of any kind. Is compounded on strictly scientific principles combining the best qualities of all the superior preparations ever discovered for the relief of this grievous affliction. It is free from all dangerous ingredients, and produces no nausea or unpleasant results, but invigorates the entire system, producing a grateful feeling of physical energy and strength, and mental vigor and activity.

If your druggist does not handle it and will not procure it from us, we will send it Post-paid on receipt of 25 cents per box, or 5 boxes \$1.00. None genuine without this signature.

M. A. L. Olsen

Manufactured by
DE KALB DRUG & CHEMICAL CO.,
DEKALB, ILLINOIS.

HOMES

IN OLD VIRGINIA

It is gradually brought to light that the Civil war has made great changes. Freed the slaves, and in consequence has made the large land owners poor and finally freed the land from the original holders who would not sell until they were compelled to do so. There are some of the finest of land in the market at very low prices, land that produces all kinds of crops, grasses, fruits, and berries; fine for stock. You find green truck patches, such as cabbage, turnips, lettuce, kale, spinach, etc., growing all the winter. The climate is the best all the year around to be found, not too cold nor too warm. Good water. Healthy. Railroads running in every direction. If you desire to know all about Virginia send 10c. for three months subscription of the VIRGINIA FARMER to the Farmer Co., Emporia Va.

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BETTER than a GOLD MINE.
We will tell you how we made our hens pay over 400 per cent profit. Merely send your name and address. Wayside Poultry Co., Clintonville, Conn.

Cash For Your Farm

may be obtained through me. No matter where located. Send description and selling price and learn my plan. W. M. Ostrander, 1215 Filbert St., Phila., Pa.

LIME STONE GRIT

For Poultry,

Manufactured from best quality of hard flinty stone, 97 per cent carbonate of lime. Made in two sizes. Price 100 lbs 40c; in 500 lb. lots 30c per 100 lbs. Sample for stamp. NEHAWKA GRIT CO.,

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6,000 Ferrets!

Trained. Will kill rats and hunt rabbits. Small, medium and large Ferrets cheap. Book and care working free. Address, S. & L. FARNSWORTH, 12-16-1f. New London, Ohio.

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Send 25 cents for a year's subscription to THE RURAL SUN a large illustrated monthly devoted to Poultry, Pigeons, Pet Stock, Farm and Home, etc., and your card will be inserted in Breeder's Column, one year free. Circulation 5,000.

S. A. Carrick, Orangeville, Md.

The Rural Sun

White WYANDOTTES and Golden Sebright Bantams

of the choicest breeding for sale. All bred from high scoring pens. Eggs for hatching. Write for prices and full information.

Address Lloyd E. Thompson, Sterling, Ill.

Do you want to Make Money?

If so, send stamps for full particulars of our "Money Making Propositions," for Man or Woman, Boy or Girl, in country or towns who has room enough to raise some Poultry or Pet Stock for us. American Fancier's and Breeder's Exchange,

9733 Commercial Ave.,
South Chicago, Ill.

GAME COCKERS? Send 50 cents for a monthly journal devoted to Game fowls. Sample 5 cts. "Game Fanciers Journal," Battle Creek, Mich. Or send 55 cents and receive "Game Fancier's Journal" and THE AMERICAN FANCIER and BREEDER both one year.

ECZEMA CURED.

We Positively Guarantee to Cure Eczema or money refunded. Sent by Express to any address. One bottle \$2.00, 3 bottles, \$5.00. A Cure guaranteed by the use of 3 Bottles. Address AMERICAN REMEDY CO., DeKalb, Ill.

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is an up-to-date illustrated monthly journal devoted to poultry for profit. Contains 24 to 32 pages monthly, filled with the best and most practical information written by the most prominent writers in the country. The regular subscription price of the Standard is **50 Cents Per Year** but for a short time we will receive yearly subscriptions at 25 cents. Send 25 cents at once and receive this bright and spicy journal for an entire year—every issue worth year's subscription. Address,

Standard Poultry Journal
Gravity, Ia.

Exercise for Layers.

All authorities seem to agree on the proposition that hens to do well should have daily exercise, so as to get their blood in circulation, says a poultry writer in Farm and Fireside. Some people wanted to feed a warm breakfast early and then make the hens scratch for their dinner among litter strewn over the floor or in a shed. Others (and I now agree with them) think that it is a good plan to set the hens to scratching early in the morning. Wheat, oats, buckwheat, etc., may be scattered over the litter on the hen house floor or in the scratching shed for that purpose. At night we used to feed whole corn, so as to give to the fowls a full crop for fuel to keep them warm during the night. A few weeks ago a correspondent of The Rural New Yorker told that instead of shelling corn he simply runs the ears through an ordinary feed cutter and then lets the hens pick the grain off the pieces. I have adopted this plan and now give to my hens a quantity of such chopped up ears early in the morning to busy themselves with for an hour or two to get warm on. I find this a most excellent plan. It takes only a fraction of the time required to shell corn when we cut it up in the regular feed cutter and the hens seem to take to their task very readily and to have very little trouble in shelling every kernel off these short pieces.—A. P. A.

NOTES.

Mash feed in the morning should only be enough to partially satisfy the appetite; at night feeding, fowls should have all they can eat.

Send in your subscription and a list of your acquaintances who are interested in poultry culture.

There is going to be a close competition at some of our shows. To be successful at them you must put forth every effort.

Be sure you have a good, vigorous male to mate to for if you haven't, your next year's work will be done for nothing.

Small chickens should never be kept or fed with old ones; they are apt to be injured. Have two or three yards and separate them according to age and strength.

Hens can not run on an onion patch, or have access to filth, or be doped with strong medicine continually without impairing the flavor of their eggs.

Never set a hen twice in succession. If she faithfully sits three weeks she has performed her duty, and should either be given her young, or allowed a range alone to gather up strength.

Stale, hard bread may be cracked fine and fed without soaking. Run it through a mill of some sort, crack as fine as whole corn, and feed like grain. For small chicks and young ducks, it should be soaked. Enough salt for seasoning should be added to the mash of ground feeds.

American Poultry Farm.

Our Matings still produce the Winners, and win the Prizes for our Patrons.

We are giving our friends and patrons the benefit of our 29 Years' Experience in Mating and Breeding. We make a specialty of

Barred and White Plymouth Rocks, Silver and White Wyandottes, White and Brown Leghorns, Bantams, Belgian Hares, Pearl Guineas, and Bronze Turkeys.

HERE IS A GOOD RECORD.

What our patrons say:

January 3d.—The two Barred Plymouth Rock Cockerels you sold my friend, score 93 and 94 by B. N. Pierce. I have changed my mind and want to know what you will send me a cockerel breeder for. The youngest cockerel had the finest hackle I ever saw, and also clear yellow legs, nice comb and a strong bay eye. They were well barred to the skin, let me know soon. Yours truly,

A. N. HILLS.

UNIVERSITY PLACE, NEB., Feb. 17, 1901.

F. M. MUNGER, De Kalb, Ill.

Dear Sir:—I bought some eggs of you some years ago, I like the stock better than from any I have been able to get since. Please send me catalogue and prices. Yours truly,

W. H. INGRAHAM.

Have won the grand Sweepstakes at Chicago and Rock Island shows, 1887 to 1894 on greatest number of birds scoring 90 points and over; 504 birds scoring 90 to 98½, a record never equalled by any breeder. We shall, in the future as in the past, constantly try to please our friends and patrons and also spend much time and a large amount of money each year in improving our stock of high, pure-bred fowls. Our matings for the past year have proved very satisfactory—as a reference to the scores of the young birds will show—and our breeding yards for the coming season are made up of the finest and most beautiful specimens in each variety we have ever used. These yards are selected from over 1,000 fine birds, and contain large, well matured and vigorous specimens, nearly all of them prize winners. We pack eggs in new baskets, and in such a manner that they will go safely long distances by Express, to any part of the continent and hatch just as well as at home. I guarantee eggs to arrive in good order. I have shipped eggs to nearly every State and Territory, and in almost every case with good results, as I send eggs that are fresh and well fertilized by strong and vigorous male birds, and I know a good per cent of them will hatch if proper care is given. Eggs from Barred Plymouth Rocks from such sires as "Match Mark," "Blue Prince 2d," "Hero Prince 2d," "Sweepstakes 2d" "Blue Jay," \$4.00 per 13; \$7.00 per 26. Five other high scoring sires, such as "Prince Lea," "Champion Prince," "High Mark" and "Hustler" \$3.00 per 13; \$5.00 per 26 Eggs from White Plymouth Rocks, Silver and White Wyandottes, White and Brown Leghorns \$3.00 per 13; \$5.00 per 26. Turkey eggs 50 cents each, from eight special matings. Eggs in large numbers a matter of correspondence. Birds hatched from our matings have won the highest honors in every State in the Union.



Wing of "Match Mark Prince" at the head of one of our breeding pens.

Match mark Prince is a most remarkable bird in color and markings, Clear, even surface color and nearly perfect in Eye, Comb, Legs and Shape. We value Match Mark Prince at \$100.00 on account of his valuable breeding qualities, mated with high scoring "Blue Bird" hens and pullets. A limited number of eggs from this mating at \$1.00 per 13; \$7.00 per 26.

the coming season are made up of the finest and most beautiful specimens in each variety we have ever used. These yards are selected from over 1,000 fine birds, and contain large, well matured and vigorous specimens, nearly all of them prize winners. We pack eggs in new baskets, and in such a manner that they will go safely long distances by Express, to any part of the continent and hatch just as well as at home. I guarantee eggs to arrive in good order. I have shipped eggs to nearly every State and Territory, and in almost every case with good results, as I send eggs that are fresh and well fertilized by strong and vigorous male birds, and I know a good per cent of them will hatch if proper care is given. Eggs from Barred Plymouth Rocks from such sires as "Match Mark," "Blue Prince 2d," "Hero Prince 2d," "Sweepstakes 2d" "Blue Jay," \$4.00 per 13; \$7.00 per 26. Five other high scoring sires, such as "Prince Lea," "Champion Prince," "High Mark" and "Hustler" \$3.00 per 13; \$5.00 per 26 Eggs from White Plymouth Rocks, Silver and White Wyandottes, White and Brown Leghorns \$3.00 per 13; \$5.00 per 26. Turkey eggs 50 cents each, from eight special matings. Eggs in large numbers a matter of correspondence. Birds hatched from our matings have won the highest honors in every State in the Union.

Choice Breeding Cockerels at \$2, \$3 and \$5 each.

Suitable to head any breeding yard and sure to improve your stock. 100 choice Breeding Toms and Hens \$3.00, \$4.00 and \$5.00 each Trios and breeding pens mated for best results; not akin. My strains are noted for their full breasts, deep bodies and broad backs, their extra heavy bone, medium short legs, vigor and hardiness, and their brilliant and perfect marked plumage. All are first-class in every respect, from prize-winning birds, selected for their size, purity of color and exhibition qualities.

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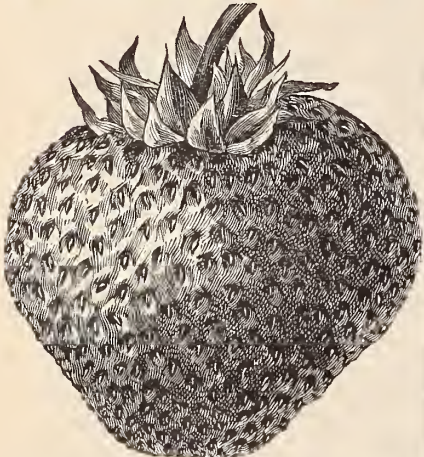
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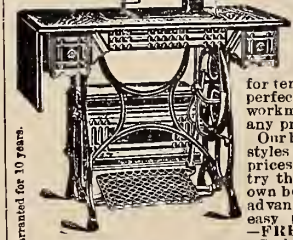
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