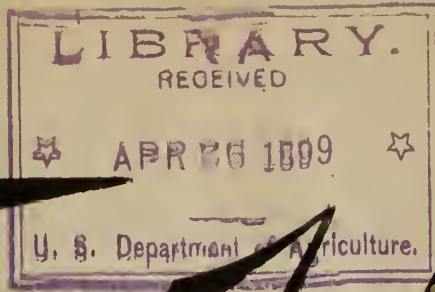


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One Year, 25 Cents.

A FEW HENS

THE POULTRY PAPER FOR BEGINNERS.

VOL. 2.

BOSTON, MASS., APRIL 15, 1899.

NO. 10.

Your Subscription Ended

for this paper, possibly with the last issue of A FEW HENS. If so, and you renew, you will get fifty per cent. more matter the coming year, as the paper will contain twelve pages instead of eight. The price will remain the same, 25 cents, as before. Kindly favor us at once with your renewal, sending 25 cents for same, in cash or postage stamps.

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A FEW HENS, Box 2118, Boston, Mass.

EDITORIAL HINTS.

Grit.
Pluck.
Energy.
Be honest.
Do your best.
Perseverance.
Spring at last.
Join our circle.
Help the novice.
Keep on pushing.
Don't get excited.
Utility to the front.
Keep on improving.
Energy always wins.
There's room on top.
Keep strict accounts.
A few hens for profit.
Don't be easily upset.
Failures and successes.
Have you a faint heart?
Better lead than follow.
Keep marching onward.
Satisfy your customers.
Is your wife interested?
Careful work is fruitful.
Keep everlastingly at it.
Study the problem well.
Haphazard work is risky.
Our friends are increasing.
There are stumbling blocks.
Work in the right direction.
Let your word be your bond.
Introduce us to your friends.
The leading industry—the hen.
Our subscription list is growing.
Brevity is the soul of education.
Poultryman's hours: early and late.

Experimental Farm Notes.

Telephone Service—An Interesting Experience With Trap Nests.

Since last issue of A FEW HENS we have added telephone service to the farm. From the editor's office to the feed room on the farm, we have now two wires strung, attached to a regular Bell telephone at each end. Scores of times during the day it is necessary for the manager of the farm, George O. Bobst, to consult with the editor, and *vice versa*. We make it a rule to note everything, and the manager reports even the smallest affair. This is done to know exactly the true condition of affairs, and to be able to note every change feed and care makes on the flocks. Be it understood that we are constantly trying experiments—some are failures, others successes—which we will from time to time report. It is necessary, therefore, to keep a strict watch, and record every little incident that happens. Heretofore the manager had to come down to the office to report, and this consumed much valuable time.

Our feed room is situated half way on the farm, and now that we have telephone lines running to the office the manager needs only to go to the feed room to call us up and state his business. It is surprising how convenient this arrangement is. We intend making A FEW HENS Experiment Farm not only complete but convenient.

During the past month or so we have had quite an experience with secret or trap nest boxes. We want to improve our stock not only in number of eggs but in size and color as well. To gain this end we are very much interested in having a nest box that will be reliable.

In two pens we have the Eureka nest boxes, built after the plans furnished by A. J. Silberstein, Framingham, Mass. These nests are not in the least complicated, are easily built, and the hens soon learn how to operate them. There is but one objection that we can find, and that is there is apt to be trouble in getting the right eggs. By having the confining pens attached to the nest we have time and again found two hens and

only one egg—to which did it belong? Or, two hens and two eggs—again, how could we mark them? At first we compared them with the eggs previously laid, and felt that we had solved the problem. But the other day we found two eggs and two hens in one apartment, and the eggs were so much alike in shape and color that it was utterly impossible to credit them for a certainty. We make these notes not to injure the sale of the Eureka nest, for it deserves great credit in bringing out an idea that will help the poultry business. But we honestly believe the Eureka nest can be improved upon.

While we were in the midst of our study with the Eureka nest, W. M. Lloyd, Tuckahoe, N. Y., sent us by express two trap nests which looked like a big improvement. One of them has a door fastened by cords to two pulleys. The nest is movable, and works on a rubber. When the hen steps in the door closes. This nest worked very well for a while, and then the cords would catch on the pulleys and considerable trouble was experienced.

The other nest was fastened by rubbers. When the hen stepped in the box the door closed, and the hen was trapped. We liked this arrangement better than the other one. These nests were on exhibition at the New York show and won considerable praise.

It seemed like a coincidence that just at this time John Geishaker, a Ham-monton man, should step in and ask permission to place his trap nest on trial. Mr. Geishaker, by the way, is an old-time magician, and his knowledge of secret cabinets and the working of the same, gave him rare opportunities to get up something valuable. Besides, Mr. Geishaker is a cabinet maker by trade, and we knew that he had excellent ability to get up just what was needed.

The nest Mr. Geishaker first presented to us worked on the shade-roller style, but when he saw Mr. Lloyd's invention he concluded it looked too much like an infringement, so he dropped that idea. This he followed with a nest worked by a knob placed on the door,

which held the latter up. As a hen walked in this nest her back loosened the knob and the door dropped. This he followed with a nest that worked on a catch. The moment a hen stepped into the nest the catch loosened and up went the door. Still another, which imitated the cuckoo clocks. In the case of the clocks, when the cuckoo appears to crow the hour, the doors open, and when he is through he disappears and the doors close. The doors of this nest are easily set. When the hen sees the nest, with the doors partially open, she forces her way in. The spring does the rest.

At this writing we are giving all these nests a good test, and when we have one that does its work accurately we intend saying more about it. Our experiments are for the benefit of our readers as well as ourselves, and we will state things as they really exist—or rather, as we find them.

* * *

During February of this year, our Brahmas laid 110 eggs. Wyandottes, 259. Leghorns, 170 eggs. Ducks, 65 eggs. This makes a total of 604 eggs for the month, or a daily average of 21 1/4 eggs. The highest number of eggs laid in a day was 44, and the lowest number 8. It must be remembered that during this month we had the famous blizzard, which we noted in last issue.

Of eggs we retailed, the highest price we received during the month was 34 cents, the lowest 18 cents, and the average about 24 cents.

Eggs and Egg Farming.

Value Not in the Color of the Shell—Market Eggs—Getting a Reputation—Mating for Big Egg Records—A Case Where the Common Hens Beat—Interesting Letters from Our Correspondents.

Try a trap nest.

Feed only *business* hens.

The trap nest tells which are the drones. Save money by getting rid of the poor layers.

Strictly fresh eggs means not over three days old.

There is a "sure thing" in the fancy table egg trade.

Breed for color of egg shell according to market demands.

To have a well-filled egg basket there must be a variety of food.

The *Inter-State Poultryman* says the farmer who sells all his eggs and eats fat meat, makes a mistake. Eggs are a wholesome food.

Too much care cannot be taken in handling eggs for table use, for one bad egg in the basket will be a bad advertisement, and very often lose a valuable customer.

Eggs should be kept end down in a rack so that the air can strike them, and turned every day or two. The temperature of the room in which they are kept should not be colder than 40 degrees.

W. Theo. Wittman, in *Olio Poultry Journal*, says giving your eggs to a middleman puts them in competition with limed eggs, cold-storage eggs,

indifferent eggs, bad eggs, and, being in poor company, you get a poor price. Wm. Burchall, St. Denis, Md., writes: "I am very much pleased with the White Wyandottes. I bought a pen of five from L. B. Patton, New Castle, Pa. Received them January 8th, and to February 19th—42 days—they laid 12 dozen eggs."

Most people have gotten safely over the nest egg superstition, and the ice cold imitation nest egg is no longer a means of making the winter laying hen still colder when engaged in the performance of her duties, says *Texas Stock and Farm Journal*.

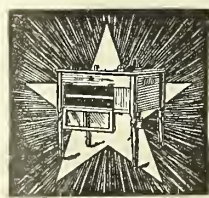
It is just as essential that the male should be from the hen which lays 175 eggs, and from a male that was bred from a hen that laid 150 eggs, as it is that the hen was from one that laid 175 eggs, and whose mother laid 150 eggs, says *Poultry Herald*.

The man who feeds on green clover, green bone, sound grain, fresh vegetables, and pure water, and provides clean working and living room for the hens, will have no trouble about the quality of his eggs, be the shells white, pink or dark brown, says *Maine Farmer*. Value is inside the shell, not in the coloring matter which enters into its composition.

When once a poultryman gets a reputation for selling eggs that are guaranteed to be good, there is no more trouble for him to hold his orders. Each year the writer is adding to his business of supplying families with table eggs, and the secret of that increase in business is due to the fact we date each egg as we take it from the nest, and always give the customer the freshest eggs we have on hand. The result is that we have such a demand for eggs that we seldom have an egg on hand that is over three days old.

R. G. Buffinton, Fall River, Mass., writes: "This has been a very hard winter for poultrymen. It has cost me as much to shovel snow as some small towns. My hens have laid extra well. I sold 980 dozen eggs from January 1 to March 1—244 dozen of these were for hatching. The Buff ducks commenced to lay March 2d, and have laid ever since. I hope to be able to put them on exhibition next winter. The Rhode Island Reds are having a big boom. They lay a good sized hard shelled, dark brown egg, and are truly a farmer's fowl. I have an extra nice flock of them."

Suits Everybody.



We guarantee the **Star Incubator** to be perfectly satisfactory to every purchaser or return your money without question. No other incubator company gives such a guarantee. They want their incubators to stay sold—we don't, unless the buyer is satisfied that they are the best on earth and satisfactory in every way.

NO MOISTURE to be supplied. *Catalogue free.*

STAR INCUBATOR & BROODER COMPANY,
Bound Brook, New Jersey.

A beginner writes: "Will the editor tell an amateur if he has purchased eggs of a breeder of several varieties, when should he separate the females from the males of other breeds, in order to have purebred chicks of each breed? Also, if, after the breeding season they may be turned out in common, to be taken up at next breeding season for pure eggs? Also, define the breeding season?" About 10 days after mating to male birds of same variety, the eggs should hatch chicks true to the breed. But it is a risky thing to promiscuously mix up breeds at any time. The breeding season runs generally from February to June. Prof. Wm. E. Sargent, of the Lancaster High School, Lancaster, Mass., writes *A FEW HENS* that he has one of the best strains of White Wyandottes for business. They begin to lay at four months and three weeks old, and have kept it up since. Mr. Sargent owns the hen "Golden Egg" whose eggs took first at Boston, 1898, for brown eggs. She laid 100 eggs before sitting, and 200 or more in a year. He says: "I made a profit of \$165 on one pen of 20 hens last year, mostly from poultry and eggs. Sold perhaps \$40 worth of fowls at \$2 to \$5 each. Counted my pullets at \$1.25, and I could not replace them for \$2.50 to \$3.00 each."

John E. Jones, Montpelier, Vt., writes: "I have been a poultry breeder for 25 years, and have been successful with every breed except the Wyandottes. I now have three pens: one of Barred Plymouth Rocks, one of Brown Leghorns, and one of common hens. Here is the record for the past December, January and February:

	Dec.	Jan.	Feb.
Common hens,	150	105	222
Brown Leghorns,	87	53	173
Barred Plymouth Rocks,	111	144	174
	348	302	569

Total, 1,219. Each pen contains four old hens and seven pullets. The above proves that common hens can produce as many eggs as thoroughbreds, with proper care. I feed twelve different varieties of food. Give mash in the morning, grain at noon and night. No two days in succession is the feed alike. Pretty good for cold Vermont!"

EGGS from large, healthy White Holland Turkeys of the finest strains, 20 cents each. Good hatch guaranteed. THOS. HAULTON, Wigton, Pa.

PIT GAMES. Eggs, \$1.50 per 15.
C. G. BAXTER, Merchantville, N. J.

B. P. Rocks, White Wyandottes; bred for business. Eggs, \$1 per 13; \$5 per 100. ABE ELY, Maple Tree Poultry Farm, Wyckoff, N. J.

EGGS for Hatching from choice, pure White, low comb P. Rocks; one sitting, \$1.25; two sittings, \$2.00. W. H. WIGHT, 538 Washington St., Hudson, N. Y.

ROSE Comb Brown and White Leghorns that are bred for layers. Eggs, \$1.00 per sitting; 50 for \$3.00. C. H. CLARK, Cobalt, Conn.

STOCK and EGGS of all Poultry for sale. Only Prize and Standard birds used for breeding. Send stamp for illustrated catalogue to Whitewater Poultry Association, Whitewater, Wis.

BROWN LEGHORNS Prize **WINNERS**
Bred
Six choice pullets; four cockerels, at reduced prices.
ZUNDEL BROS., Grapeville, Pa.

BARRED ROCK EGGS from yard headed by Cockerel from A. C. Hawkins. Hens are large, nice shape, well marked, and good layers. \$1.00 for 13. A few settings Indian Game eggs, yard headed by first Cockerel, Washington, D. C., December, '97. \$2.00 per 13. Pekin Duck eggs, Pollard stock, \$1.00 per 13. C. C. SHORB, McDaniel, Md.

Geese for Profit.

Boston Geese—The Market—Eating Goose at Michaelmas—Killing and Picking Geese.

The name "Boston" is a trade mark. Young geese are mostly wanted in market.

Unlike the duck market, the goose market was not glutted the past season.

The Boston geese are usually dressed with the tail and wing feathers left on, and a ruff around the neck.

An abdominal pouch of great size indicates great age. This sign is useful in purchasing breeding birds.

J. Ellars & Son, Bookwalter, Ohio, after trying every known breed of geese, have concluded that for best results the Embden lead.

"The goose bone," declared Old Superstition, "says this will be the worst winter in 60 years." The goose bone, evidently, hit it.

Green geese are also called Boston geese, says *Rural New-Yorker*, not because they all come from that city, but because they resemble in style of carcass and dressing the geese from that locality, that established a reputation years ago.

Large quantities of geese in the New York markets come from eastern Massachusetts and Rhode Island; a great many come, also, from Pennsylvania and Maryland, and perhaps from farther away. Great quantities of live geese are received from the west.

The demand for geese is not constant, although there is a limited demand the year around; the greatest numbers are called for during the winter, especially at the holiday season. But to bring good prices they must be young, fat, well-dressed, and put up in attractive shape.

Eating goose at Michaelmas was a very early custom in England for as far back as the 10th year of the reign of Edward IV. (1471,) John de la Haye was bound to render to William Barnaby, Lord of Lastres, in the county of Hereford, for a part of the demesne land, one goose fit for the Lord's dinner on the feast of St. Michael, the Archangel, says *English Poultry*.

Josephine Morse, in *Poultry Topics*, gives this method of killing and picking geese; hang the goose up by the feet where it cannot bruise itself. Stick a narrow-bladed sharp knife through the neck close to head. Be sure to sever the veins, but make as small a wound as possible. Let the goose hang till dead. Have a boiler little more than half full of boiling water; throw in one pail full of cold water; take the goose in one hand, dip in the water three times and then wrap in an old bag or carpet to steam a few minutes. Then with the thumb and finger remove the feathers and down at once by beginning at the head. Finish by singing with a blaze made with shavings, as there will be less smoke. Then wash in rather warm soap suds and dip in cold water. A small vegetable brush is nice for the purpose.

Turkey Culture.

Dressing for Market by the Scalding Method—Preparing the Nests for Setting Hens—Weights—Good Stock of Prime Importance—Fattening in France.

In killing, bleed freely.

After the holidays 8 to 10 pound birds sell best.

Give fattening turkeys all the clean water they will drink.

A cock at 12 months of age should range 16 to 20 odd pounds, according to the breed and how they are cared for.

Texas *Farm and Ranch* doubts if there would ever be a national Thanksgiving if the matter was left to the turkeys.

The turkey crop hatched previous to June 1 should attain good growth by last of November, the cock birds reaching 10 or 12 pounds.

The prevailing colors of the Narragansett are white and black, with a large patch of white upon the wing-bow, giving the general impression of a gray bird. They are not uniform in the shading.

"Time is such an object with me," says a writer, "that I must have a turkey that will stay at home and lay in the buildings near by, and the only one I have found to fill the requirements is the White Holland."

Turkey raisers make a mistake when they sell off all their older birds and retain young ones for breeding purposes, says *Texas Farm and Ranch*. The turkey is not fully mature until two years, is at its best at three years, and nearly as good at four.

After they have fully feathered, and have thrown out the red on their heads, which usually occurs at about three months, young turkeys are hardy, and may be allowed unlimited range at all times; and from that on, as long as the supply of insects, they will thrive on two meals a day.

S. C. W. Leghorns, P. Ducks and W. Wyandottes, bred for utility and beauty combined. Eggs from strong vigorous stock of America's leading strains, \$1 per 13; \$3 per 50; \$5 per 100. W. Wyands., \$1.50 per 13. Chas. F. Freichler, Sanborn, N. Y.

Barred Ply. Rocks

Brown egg strain. Black Leghorns. Eggs, \$1.25 per 15. Matthews & O'Laughlin, Gambrills P. O., Md.

THE IMPROVED**EMPIRE STATE BROODERS FOR 1899**

Have many points far in advance of other makes; one very important item is the saving of 1-3 to 1-2 in oil. Stop this useless waste, as it means dollars to you. Brooder Lamps 60 cts. each; \$3.00 1-2 doz. Tested Thermometers 30 cts. each, by mail. Send stamps for circulars; it will pay you. Prices reasonable.

FOR SALE:—One new Cream Separator, and nearly new Dog Power. Address, Empire State Brooder Co., Hall's Corners, N. Y.

BARRED PLY. ROCKS

Hunter-Colby. Nicely barred, heavy-laying strain. \$1.00 per sitting. G. E. Chalfant, Hammonton, N. J.

75 Per Cent Fertile

Guaranteed by Niagara Farm.

Exclusive breeders of Strictly Practical Stock. Mammoth Pekin Ducks, 140 eggs in six months; December layers; extra heavy weights; long bodies; flat backs; deep keels. Pure White Wyandottes, best general purpose fowl. Prolific layers; brown eggs; quick growers; mature early; blocky shape. Eggs, \$1.00 per 13; \$3.00 per 50; \$5.00 per 100. Birds \$1.50 to \$2.00 each. Mammoth Belgian Hares, \$1.00 each. Reference—Editor Boyer. Circular. W. R. CURTISS & CO., Ransomville, N. Y.

W. H. Rudd says: "We have had cocks 8 months of age dress 20 pounds. A turkey at 12 months of age should range from 10 to 16 pounds for a hen, and from 18 to 25 pounds for a cock. Of course, there are wide exceptions to these weights, as some bronze turkey cocks will weigh 30 to 35 pounds alive at one year of age."

R. E. Phelps, in *American Agriculturist*, says the first requisite in turkey raising is good stock. The fowls should be healthy, of good shape, with heavy bodies and not too much leg; the hens either one or two years old. If older the eggs are fewer in number and more likely to have soft shells. The gobbler should be well matured, and weigh not less than 18 to 20 pounds. Gobblers and hens should never be selected from the same flock.

Mrs. Cora Halbrook, in *Poultry Keeper*, prepares the nests for sitting hens or turkey eggs, as follows: "Prepare the nests by taking several newspapers, put them all around and all over the nests, and just leave a place large enough for the hen to get out or in. Then put about 2 1-2 inches of ashes on the paper, and cover with enough hay to keep the eggs off the ashes. Then I tie moth balls in small rags, one in a rag, and place two of these in a nest, which I think prevent lice. You can get a pint for five cts.; (they are very poisonous and must be kept away from children). We set 11 eggs under a hen.

WHITE Wyans. (Hawkins), W. P. Rocks (Empire) Lt. Brahmas (Felch). Eggs, \$1.50 pr. sitting. C's k's and trios for sale. Seas Bros., Box L, Orrville, Ohio.

BUFF LEGHORNS. 15 eggs, \$1. Most complete catalogue ever issued on this peerless breed, free. V. M. MARKEN, Frederick, Md.

INCUBATOR EGGS. Strictly fresh. \$3.50 a hundred; \$2.00 for fifty. C. N. TILLOTSON, Box 289, Boonton, N. J.

CHAMPION POULTRY YARDS, Buxton Centre, Me. Wh. P. Rocks and Wh. Wyandottes. Pure white, large size, prolific layers of brown eggs, each pen headed by unrelated males. Buff Leghorns, fine in comb and color. Eggs, \$1 per 13; \$2 per 30. Circular free. B. A. Bradbury, Buxton Centre, Me.

BARRED PLYMOUTH ROCKS and PEKIN DUCKS, they are bred for good laying, and a fine market bird when dressed. Eggs for hatching from the same pens we breed from ourselves, \$1.50 pr. sitting; two sittings, \$2.50. WM. WATMORE, Moorestown, P. O., Lenola, N. J.

WHITE WYANDOTTES.

My stock produces fine broilers, roasters and layers. Good hatch guaranteed. Eggs, \$1.00 per 13. J. J. SMITH, Oxford, Mass.

ROYAL BLUE BLOOD. Write me for prices on eggs if you want best to be had. B. P. Rocks, Rose Comb Brown Leghorns, C. I. Games. They will be sold right, and guaranteed. F. M. CHESBRO, Mongo, Ind.

FERTILE EGGS 75 Per Cent. Guaranteed.

S. C. WHITE LEGHORNS exclusively. Eggs, \$1.00 per 13; \$3.00 per 50; \$5.00 per 100. W. H. WARREN, Ransomville, N. Y.

WHEN YOU HAVE ANY

Poultry for Market

Write for prices to

PHILIP QUIGLEY,

Produce Commission Merchant,

No. 303 South Front Street, PHILADELPHIA, PA.

White Wyandottes.

Business Stock and Standard-bred. Hens prolific layers. None better. Low prices. Write for Egg Circular. RALPH WOODWARD, New Rochelle, N. Y.

To dress poultry for market by the scalding method, C. H. Bennett, in *American Agriculturist*, says: Have the water as near the boiling point as possible, without actually boiling. Hold the fowl by legs and head and quickly immerse three times, holding under the water for only a second. Do not allow the head to touch the hot water, as it will become discolored and give the fowl the appearance of having been sick. Pick carefully so as not to tear the skin or bruise in any way. After picking, hold in water near the boiling point long enough to count 10; this plumps and cleanses them; then dip in ice cold water and hang up in a cool place out of drafts until thoroughly cooled out, for if packed with any of the animal heat left in, they are almost sure to spoil. Never allow them to freeze; this greatly injures their market value.

Turkeys are fattened with much skill, and to a fine finish in the North of France, says Iowa *Homestead*. The feeding is very liberal for about three weeks before the time they are to be killed, and gain in weight is quicker and the flesh produced of a better quality when they are kept in large sheds with wire netting on the southern front, so that the birds have plenty of light and fresh air. Ten feet square of floor room is regarded as sufficient for 10 turkeys. The sheds are furnished with perches, slightly rounded at the top and about three inches wide, and about that same number of feet from the ground. They are removed during the day time. The sheds are kept perfectly clean, and grit and sand are provided with fresh straw on the floor. The feed consists of ground oats, barley, wheat and buckwheat. It is prepared in the form of paste or dough, and mixed with skim milk, sometimes sour. This soft feed is given in the morning and also in the afternoon. During the fattening period, about half an ounce of fat per bird is added to the fattening mixture. It is supposed to give an exquisite softness to the flesh. The feeding of Indian corn is said to result in a yellow shade of the flesh most noticeable in the fat. Feeding milk, on the contrary, whitens the flesh and is regarded as desirable. The regular feeding in the manner indicated causes the birds to put on a large quantity of good flesh in the most valuable parts. The French fatteners put a third of an ounce of salt per quart in the water used in preparing the food.

About Broilers and Roasters.

Notes Taken from the Experiences of Market Poultry Raisers—Rhode Island Reds—Pointers on Shipping to Market—The Condition of Stock Shipped to Market—A Large Packing Establishment—Small Matters Worth Remembering.

The scrub is not even a reliable market fowl.

Don't wonder at losses when you ship dressed poultry in warm, damp weather.

The use of dunghill eggs has made the broiler business an uncertainty in Hammonton.

Don't ship bony, skinny stock and expect fat prices. Keep them at home and eat them.

Don't crowd your coops and wonder why the receiver claims a certain number dead.

The broiler raiser who confines himself to a single breed of first-cross is the man who is able to market his stock according to age.

A poultryman declares that at the prices that usually prevail capons do not pay; there is such a heavy percentage of loss among those operated on.

Don't ship dressed poultry half-picked, with flesh torn in places, and then blame your commission man if his report shows sales under the market price.

Don't guess at the number or weight of any thing. If your scales are not reliable throw them away and get good ones. Then you know what you ship.

An exchange says that in France they mix spices and herbs with the feed given to fattening poultry, and they are said to impart a delicious flavor to the meat.

Don't ship to every strange house that solicits your consignment. Look them up first. When a house asks you to investigate its references do so. Oftentimes you will conclude not to ship and thereby save your stuff.

Don't ship dressed stock in any old box that is handy. It pays to use clean, fresh boxes, using care and neatness in packing. Frequently the buyer is present when the box is opened and a sale spoiled because of the packing.

Don't pack poultry after dressing until all the animal heat is out. Ship chickens in barrels and turkeys and geese in boxes holding about 100 pounds. Don't pack two kinds in one box; cut holes in the side for ventilation.

Don't let some little market fluster cause you to change houses. Get a good, solid house and stick to it. That keeps the commission man interested in retaining your trade, and oftentimes he will pull you out of a hole caused by a glut.

In reply to inquiry of W. J. J., Franklin, Pa., would say the clicks are suffering from vertigo, caused, probably, by inbreeding of parent stock.

Buff Wyandottes exclusively. Eggs, \$1 per 13. Sat. guaranteed. Geo. A. Porter, Oxford, Ohio.

R. I. REDS. Prolific layers. Eggs, 26, \$1.50; \$4 pr. 100. St'k in season. E. S. Piper, Camden, Me.

Eggs for hatching from prize winning Lt. Brahl, S. C. W. and Br. Leg., W. Wyan., Bl. Langs., B. P. Rocks; \$1.00 pr. 13; \$2.00 per 30. S. J. Lowe, Columbia, Del.

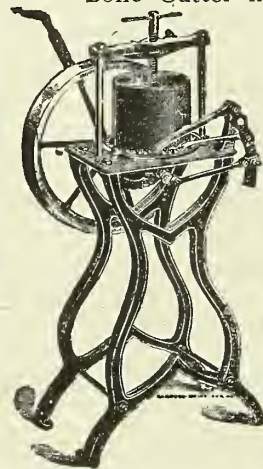
PURE Buff Rocks and Buff Leghorns. Eggs, \$1 per sitting. Circular. PLEASANT POULTRY YARDS, Marysville, Pa.

W. and Bared Ply. Rocks. Fine stock; heavy layers. Eggs, \$1 for 13; \$5 per hundred. C. M. Hubbard, Box 114, New Brunswick, N. J.

TURKEYS White Holland and Bronze, \$2 and \$3. Eggs in season. C. ADELL KAYNER & Co., Lockport, N. Y.

Green Bone Cutters.

THE Webster & Hannum Green Bone Cutter, formerly made at Cazenovia, N. Y., is now being manufactured and sold by the undersigned. This Bone Cutter has always been a favorite with poultrymen on account of its many advantages over all other machines. With our unsurpassed facilities for manufacturing, it will be better than ever.



The new cutter-head is practically *indestructible, absolutely self-feeding and self-regulating* as to the supply of bone fed to the knives. It will cut meat and gristle equally as well as bone. Made in sizes suitable for hand or power use. Read what F. E. Dawley, Director, Bureau of Farmers' Institutes, New York State, says of it:

"I would urge every one who keeps fowls to feed green bone if they are after profit, and from experience would say, get a Webster & Hannum Cutter to do the work with. I am not at all interested in the sale of the W. & H. Cutter, and have paid full price for the one I use, so have no axe to grind." F. E. DAWLEY.

Mr. Dawley raises poultry "by the acre." The only Bone Cutter receiving award at World's Fair, Chicago. *Send for our free booklet, whether you keep poultry for pleasure or profit.*

E. C. Stearns & Co., Box 6 Syracuse, N. Y.

They are Bred for Eggs and Meat!

LIGHT BRAHMAS. We use none but strictly hardy, vigorous birds in our breeding pens, keeping as close to the Standard requirements as is consistent for good health and profits. Utility being our aim. Orders booked now.
WHITE WYANDOTTES.
S. C. WHITE LEGHORNS. Eggs for Hatching only \$1.25 per sitting of 15. MICHAEL K. BOYER, Hammonton, N. J.



SEND FOR CATALOGUE

DON'T BUY A PIG IN A POKE. Don't buy any incubator and pay for it until you have given it a thorough trial.

Some incubators are made only to sell and were never intended to hatch chickens. and you pay for them only when fully satisfied. They are the easiest to handle; a child can run one successfully. We send the largest catalogue and best treatise on incubation and poultry culture published for 5c. Plans for Brooders, Poultry Houses, etc., for 25c.

VON CULIN INCUBATOR CO., 23 Adams St., Delaware City, Del.

Give them all the fresh air possible, and see that they have plenty of green feed and grit.

Don't fail to carefully inspect your shipment before closing the box. Put in the memorandum on your own bill head, or an envelope, showing the count and other data. Keep a duplicate yourself, and thereby save much annoyance and frequently a loss.

Don't chase off into a new market with untried people just because of a possible temporary advantage. Nine times out of ten you will lose. Keep in touch with a good house in several markets, and use judgment in shipping to any of them. Watch the reports and forecasts and then allow for weather changes.

Don't fail to notify your commission house before or at the time you ship and give full data, so he can know what is coming, and can prepare to handle it rapidly. On this great point hundreds of dollars are lost every week which would be saved if shippers would advise several days before shipping, giving the receiver time to reply, if advisable, to hold back.

W. H. Rudd, the Boston commission man, says persons having roasting stock during the late winter and early spring months, should bear in mind that hard, "staggy" roosters hatched during the summer are considered soft roasting stock. Hard "buddy" birds (so-called) are in light demand, and on our market grade but little better than old cocks; ordinary laying hens, in fact, being much superior to them for roasters.

F. W. Velie, Rhinebeck, N. Y., writes: "I have the past season erected a new brooder house to hold 5,000 chicks at one time. This is a double house, brooders running through the center. Each brooder is 2 1-2 x 4 feet, making the walk over top five feet wide, and run inside 10 feet. You see I take up no room for walk, it being over brooder, and the chicks are not continually sitting upon it, as is the case in most houses."

Collingwood Gordon, of the Green Ridge Farm, Salem, Va., sends A FEW HENS these items:

Kill all cripples.

Keep away the noisy visitor.

Start the chicks on clover tea.

Gentleness helps swell the profits.

Work up a trade in squab broilers.

Make a midnight visit to the brooder house.

Never allow an old fowl in the brooder house.

To promote exercise, feed chicks at least once a day in the extreme ends of their runs.

Difficult as is the lesson, it is nevertheless true that profit in raising broilers or first-class roasters comes only to him who uses pure bred males, broad, deep, full-breasted birds, yellow in skin and legs, says Maine *Farmer*. The scraggy little barnyard hen, with a mongrel male as the sire of her chicks, is incapable of producing a chick that will reach three pounds weight long before it is matured, at which period of its existence it ceases to be a broiler. It is the use of good breeds that gives success and profit.

The following letter from Bennet, Rand & Co., commission merchants, 19 and 20 North Market street, Boston, Mass., explains itself: "We have had several inquiries resulting from our advertisement in A FEW HENS, but, with one exception, they have all wanted to know what we would pay for poultry and eggs. We wish to say, we are strictly *commission merchants*, devoting our entire attention to the sale of consignments. We never buy, therefore have none of our goods to take the precedence over those of the shippers. During our many years experience, we have found this plan to work well."

The New York *Produce Review* says shippers of live poultry should never use coops which are too small to carry the poultry properly. Every once in a while we notice a lot of turkeys, geese or other poultry in coops which are not high enough, and the poultry arrives in a cramped and wretched condition. Such stock will not command satisfactory prices, and furthermore, the commission receiver is apt to get himself into serious trouble with the Society for the Prevention of Cruelty to Animals unless the stock is removed immediately into other coops, and these are not available at all times.

An idea may be gained of how extensive the poultry business has become when

it is noted that in Kansas City there is a packing establishment, 200 x 53 feet, which houses from 20,000 to 25,000 chickens. From 125 to 150 hands are employed, and 1,500 chickens killed and dressed is a fair day's work. Nearly all the shipments are to the eastern states, says the *Baltimore Sun*. It would seem that the more favorable climate of the east would cause poultry to be raised, so that shipments could be made to the west. The cheapness of wheat and corn in the west, however, is what affords the poultry raiser such favorable opportunities.

The new boom in market fowls—especially for roasters—seems to lie in the Rhode Island Reds. Judge Brown says of them: "Rhode Island Reds are a breed of short-legged fowls, somewhat in shape like the Wyandottes. In plumage they vary somewhat, though females are generally a dark brownish red, with a quite strongly defined reddish undercolor. Males are of a more pronounced coloring. They are bred with rose or single combs. They are said, according to one authority, to have originated from a cross of Brown Leghorns and Indian Games. They are quite popular in Rhode Island on account of their utility qualities."

TOBACCO DUST in the nests of your hatchers? See TOBACCO DUST advertisement.

Poultry Supplies:

BOILED BEEF AND BONE,
BOWKER'S ANIMAL MEAL,
BRADLEY'S MEAT MEAL,
BEEF SCRAPS,
OYSTER SHELLS,
MICA CRYSTAL GRIT,
ORR'S CLEAR GRIT,
DRINKING FOUNTAINS,
CONKEY ROUP CURE,
SAFETY AND PRIME EGG CASES,
MEXICAN MUSTANG LINIMENT,
P. D. Q. FLEA POWDER,

FEED TRAYS,
LEG BANDS,
CHINA EGGS,
BONE CUTTERS,
SHELL MILLS,
CLOVER CUTTERS,
KILLING KNIVES,
WIRE NETTING,
CAPONIZING SETS,

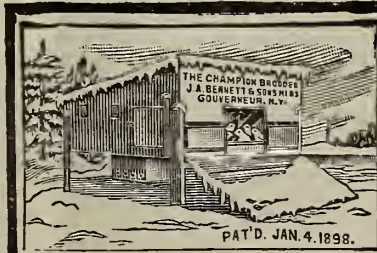
INCUBATOR THERMOMETERS,
SULPHUR CANDLES,
EGG TESTERS,
BOOKS ON DOGS, CHICKENS,
RABBITS, CATS, PIGEONS, ETC.
SHERIDAN'S CONDITION POWDER,
PRATT'S POULTRY FOOD,
LEE'S LICE KILLER,
GERMERZONE,
GREELEY ROUP AND CHOLERA CURE,
LAMBERT'S DEATH TO LICE,
JOHNSON'S ANODYNE LINIMENT.

Sole Manufacturers BANNER EGG FOOD and TONIC. Small Sample Free.
New York and Export Agents for the Prairie State Incubators and Brooders.

Our Immense Illustrated Catalogue Free. Mention A Few Hens.

Excelsior Wire and Poultry Supply Co.,

W. V. RUSS, Proprietor. 28 Vesey St., New York City.



In Zero Weather

when everything is frozen up tight is the time to test a brooder. It is then that the poultryman wishes to be sure that he has made no mistake in buying a machine.

THE \$5.00 CHAMPION BROODER IS KNOWN BY ITS WORK.

It fills every requirement. It has stood the zero test repeatedly in the worst blizzards of years. It brings its chicks through every time under all conditions. Endorsed by the very best authorities. Send for descriptive catalog and testimonials.

J. A. Bennett & Sons, Box H. Gouverneur, N. Y.

Poultry at the U. S. Stations.

Experiments to be Tried by the Different Experimental Stations in the United States, Continued from Last Issue—Condition of the Poultry Interests—Valuable Information Gleaned from the Various Station Bulletins.

A FEW HENS is the first poultry paper to make a specialty of publishing the doings of the various State Experimental Stations. As these Stations cannot afford to send out their bulletins to parties residing outside of the state, this method of ours will be giving information that could not otherwise be obtained.

We herewith give a few more replies from Stations in answer to the questions we submitted to them, as follows:

1. "Will your Station, the coming season, make any poultry experiments? If so, what will be their nature?"
2. "Is the poultry industry in your state on the increase?"

Berkeley, Cal. This Station is not prepared at present for experiments in poultry raising. A bill providing for the establishment of a Poultry Station was passed at the last session of the Legislature, but vetoed by the Governor. The poultry industry is undoubtedly on the increase in this State, its chief center is at Petaluma, Sonoma county, California.—*E. W. Hilgard.*

Manhattan, Kan. Our plans have not been fully settled in regard to experimental work the coming year, but we hope to take up poultry experiments. The poultry industry is advancing rapidly in Kansas. This past year the sale of poultry and eggs amounted to \$4,000,000, while the sale of all orchard and garden products amounted to \$2,000,000.—*H. M. Cottrell.*

Auburn, Ala. We have not arranged for poultry experiments during the present year.—*J. F. Duggar.*

Uniontown, Ala. This Station will make no experiments in regard to poultry this season. The poultry industry is certainly on the increase. The farmers take more interest in pure stock and care for them.—*R. N. Collins.*

Mesilla Park, N. M. This institution has not yet taken up experimental work with poultry, and it is not probable that anything will be done in this line during the coming season. The poultry industry in this territory is probably on the increase. It certainly ought to be, as large supplies of both poultry and eggs are shipped into the territory every year.—*E. E. Sester.*

Columbia, Mo. In reply to your inquiry as to whether this Station will make any poultry experiments during this season, and as to the nature of such experiments, and further as to whether the poultry industry in Missouri is on the increase, will say that our Station will not undertake any such experiments this season, for the reason that we are entirely lacking in equipment for this work, and have no man who is competent to undertake it. This Station is confining itself to a few lines of work, and is aiming to do thorough work on these rather than

to spread out over many and do superficial work. The poultry interest in this State is very important, and is rapidly increasing, and the Station would gladly take up this line of work and make it a prominent feature if the funds were available, but in order to do this it would be necessary to drop some lines of work which were inaugurated some years ago, and on which we are now getting valuable data, and until these are completed it is not likely that we shall take up any new ones. The College is assisting the poultry growers in every way it can, and the Station may help later.—*H. J. Waters.*

ANIMAL FOOD.

The New York Experimental Station, at Geneva, gives some valuable data on this subject in their Bulletin No. 149, which, by the way, will be sent free to all who will send their request on a postal.

That it is desirable to feed poultry animal matter in some form has been long taught by scientific feeders, but the great utility of such feeds has probably never been so plainly shown as in experiments recently made by the Station at Geneva. Two rations were compounded, each of foods in ordinary use, approximately equal in nutritive value, but in one the protein, or nitrogeous material, was supplied wholly from grains with some skim milk, while in the other about two-fifths of the protein came from dried blood, animal meal and fresh bone. Upon these rations the

LICE TIME is nearly here. See TOBACCO DUST advertisement.

White Wyandottes and S. C. W. Leghorns. Eggs \$2.00 for 15; \$5.00 for 45. *W. H. FORDHAM, Seawanhaka Poultry Farm, Speonk, L. I., N. Y.*

\$1.00.—13 eggs from prize-winning Lt. Brahma, Wh., Buff, Partridge Cochins, Buff, Bd., Wh. Ply. Rocks, Silver, Wh. Wyandottes, Houdans, W. C. B. Polish. 20 years' exp. *L. Baird & Co., Eureka, Ill.*

Mount Pleasant Park Black Minorcas are large, healthy, farm-raised birds. Eggs 5c. each; try them. *F. H. LONGLEY, Fairport, N. Y.*

LANGSHANS

ARE GOOD LAYERS AND I HAVE GOOD ONES FOR SALE.

BLACK AND WHITE.

Address, *MRS. C. M. KELLY, Newark, N. Y.*

Heavy Laying Minorcas.

Our Black Minorcas are mated and bred for heavy egg production. Eggs for hatching, \$1.50 per sitting. Stock for sale. Address, *C. K. NELSON, Hammonton, N. J.*

EGGS. BLACK LANGSHANS. Will sell a few settings from two grand pens. Large, vigorous, healthy females mated to Standard-weight males, \$2.00 per setting; three settings, \$5.00. *H. COTTERILL, Westfield, N. J.*

White Wyandottes, Buff Plymouth Rocks

Pedigreed strains. Prolific layers of large brown eggs. Stock unsurpassed for vigor, shape and color. Utility and beauty combined. Eggs, \$1.00 per 15. *CHARLES H. CANNEY, Dover, N. H.*

EGGS FOR HATCHING

From good stock, White Plymouth Rocks, White Wyandottes, S. C. Brown Leghorns and Leghorn-Light Brahma Cross, 15 for \$1.50; 30 for \$2.50. All eggs shipped in the "Costello Box." Eggs at house, 15 for \$1.00, *W. W. OSGOOD, Poultry Supply Dealer, No. 16 Mechanic Street, Haverhill, Mass.*

BLUE ANDALUSIAN. (Eggs \$1.50) **BUFF LEGHORN** (pr. sitting). *H. W. Farnsworth, 430 Shelton Av., New Haven, Ct.*

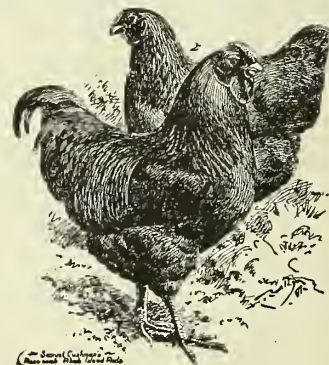
Station fed two lots of chicks until they were about five months old, one lot starting at birth and the other at six weeks of age, one pen in each lot receiving the grain ration, and the other the meat meal ration. With each lot the meat-fed birds grew faster, reached maturity earlier, ate less food for each pound of grain, and produced a pound of gain at less cost. Pullets among the meat-fed birds also began laying four weeks earlier than any among those receiving vegetable foods. With cockerels fed the contrasted rations the differences in favor of the animal meal were quite marked during the first part of the test, but when the birds attained full size and began to fatten, the benefit from the meat seemed to cease, showing that its great advantage lies in promoting rapid, healthy growth, not in fattening power.

With ducks the results were even more striking: for the grain-fed birds remained stunted, scrawny and feeble, several of them dying before the test ended; while the meat-fed ducklings grew well, remained perfectly healthy and weighed three times as much per bird as the other at the end of 10 weeks.

SINGLE and ROSE COMB WHITE Leghorn eggs, 75 cts. per 15. Poultry Farm for sale. *Mrs. S. RIDER, Maryland, N. Y.*

EGGS \$1.00 per 15. White Wyan; great layers of large brown eggs. S. C. W. Leghorns prolific laying strain. All Standard bred. Nothing better. Satisfaction guaranteed. *C. E. MISNER, Calla, Ohio.*

I breed for business and get business birds. S. C. W. LEGHORNS, strong, hardy birds and great layers. Pullets, '98 hatch, layed when four months old. *W. WYANDOTTES*, equal to the best, eggs, \$1.50 per 15. *SUSQUEHANNA POULTRY FARM, A. J. LATTIN, Proprietor, Milford, N. Y.*



Rhode Island Reds.

OURS WON FIRST on cock, hen, cockerel and pullet, and all second premiums but one on same at last Boston show. We have ten breeding yards Single and Rose Comb birds, and are shipping eggs, best, \$3 per sitting; two for \$5; three for \$8. Second best, \$2 per sitting; two for \$3; five for \$8. No more incubator eggs this season.

Just Suit the Farmer

No stock for sale. Illustrated descriptive circular and price-list free. Farm at West Mansfield, Mass. **SAMUEL CUSHMAN, Pawtucket, R. I.**

EGGS Banded Rocks, White Wyandottes, \$1.00 for 13. Pekin Ducks, \$1.00 for 12, *W. H. TURKEYS, Embden Geese, 25 cents each.* *WINFIELD DARLING, So. Setauket, L. I., N. Y.*

THOROUGHbred

S. C. W. Leghorns, W. Wyandottes and Am. Dominiques.

Bred for great laying. Eggs, \$1 per sitting; \$5 per 100. Stock for sale. *F. J. BARNES, Turin, N. Y.*

BUFF P. ROCKS. Nuggets only. They are no strangers. Won Pa. State Medal at recent show; winning gold special Red and Blue Ribbons for six years. Eggs, 13, \$1.50; 30, \$2.50; \$4.00 for 60. *KEBLIN & SON, Box 4, Shenkel, Pa.*

FEEDING EXPERIMENTS WITH CHICKS AND CAPONS.

Bulletin No. 126, of the New York Experimental Station, shows the relative efficiency of whole and ground grains as commonly fed. Prof. W. P. Wheeler had charge of these experiments. A ration consisting mostly of the ordinary ground grain foods and containing no whole grain, was more profitably fed to chicks than any other ration consisting mostly of whole grain and containing no ground grain. Capons from the one lot afterward made a somewhat cheaper gain in weight on the whole grain ration, but the gain was too slow to compensate for the more rapid growth which had been made, as chicks, by the lot having the ground grain ration.

Of two other lots of capons those having the ground grain ration made the more profitable gain during several months.

In every trial more food was eaten when the ground grain was fed than when the whole grain was fed.

Neither the chicks and capons having only the whole grain, nor those having only the ground grain, showed any lack of health and vigor.

HEATING THE POULTRY HOUSE.

In the Seventh Annual Report of the North Dakota Agricultural Experiment Station, at Fargo, is given an account of a series of experiments to determine if possible, what effect, if any, heating the poultry house would have upon the production of eggs and the food requirements.

On December 1st, 46 chickens were put into the poultry house. The weather at that time was quite warm, and they were fed per day five pounds of feed in the morning and two pounds in the evening; the morning feed being table scraps, such as meat, pieces of bread, boiled and fried potatoes, and such material as usually comes from a boarding table. Their ration of grain consisted of wheat screenings which was composed principally of small berries of wheat and cracked wheat. As the weather got colder their feed gradually increased until they took, on the 31st day of December, 11 3-4 pounds of scraps in the morning, and 11 1-2 pounds of wheat in the evening. During the month of January the feed ration remained about the same. January 20th a large stove was put in the house, and a fire started with lignite coal. On the 31st of January the feed had decreased to 6 pounds in the morning, and 8 3-4 in the evening. The last of March 4 1-2 pounds, and 4 3-4 evenings.

The total amount of fuel burned from the 20th of January to the 1st of April cost \$4.50. During the month of January previous to the use of the stove, the average number of eggs per day was 2 3-4, the remainder of the month, from the 21st to the end of the month, it was 6 3-11, showing the influence that heat exerted upon the production of eggs.

FEEDING FOR EGGS.

In the Report of the Agricultural College, State of North Dakota, is given an experiment in feeding for eggs.

They placed two pens of fowls, under exactly the same condition as far as the temperature, room and care were concerned, but fed them with an entirely different object in view. One pen they wished for breeding purposes, and did not want them to lay until the breeding season opened, so that they could get a more steady egg production than if they were made to lay during the entire winter. The other pen it was not intended to use at all for breeders, but to produce the greatest number of eggs possible, at the time of year when they would bring the highest price. During the month of December, 1895, the pen which was intended for laying purposes contained 19 pullets, and the one intended for breeding purposes contained 16 pullets. During this month the laying pen laid 63 eggs, the non-laying pen no eggs. During the month of January, the laying pen, 124 eggs; non-laying pen, 7 eggs. February, laying pen, 109 eggs; non-laying, 12 eggs. March, laying pen, 168 eggs; non-laying, 43 eggs. April, laying pen, 129 eggs; non-laying, 189 eggs.

They began the last of March to get their breeding pen, which has so far been designated as the "non-laying

pen," into good laying trim, with the results as above stated. From this time on, the breeders, although less in number than the other pen, laid a great many eggs. For the month of May, the laying pen laid 142 eggs, the non-laying pen 381 eggs.

The method of feeding that was employed to bring this about was substantially as follows: The morning feed for those which were intended to produce eggs, consisted of boiled lean meat, scraps from the table, the fat having been removed, wheat screenings, with constant drinking water. For the evening feed, wheat screenings, what they wanted to eat, mixed with corn twice per week. Those which were not intended for producing eggs were fed on wheat screenings of poorer quality with corn. These gradually increased in weight until

B. P. ROCKS, farm raised. Eggs, 13 for \$1.00. Sat. guaranteed. F. L. Bradley, Charleston, Me.

Wyckoff strain, great egg producing S. C. W. Leghorns. 15 eggs, \$1. W. J. Kilts, Milford, N. Y.

Black Langshans. Early maturing, prolific laying stock. 13 eggs, \$1.25; \$3 for 39, from high scoring birds. JOHN TUFTS, Rockport, Mass.

A. G. Wilkinson, Clifford, Mich., breeder of W. F. Bl. Spanish poultry. Best known egg producers. Eggs for hatching, \$1 pr. 13. Birds \$1.50 each.

White P. Rocks. Jersey Beauties. Eggs per 13 (Hawkins), \$2.00; (Empire), \$1.00. REV. W. T. DORWOOD, Stelton, N. J. (Member A. W. P. R. Club).

LIVE POULTRYMAN prefer dead lice. See TOBACCO DUST advertisement.



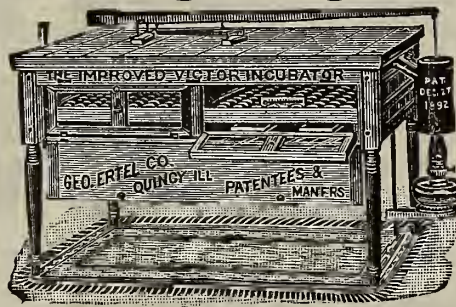
HIGH-GRADE INCUBATORS

WE CAN SUIT YOU IN PRICE AND WE GUARANTEE TO PLEASE YOU IN QUALITY.

What more could we do? Our catalogue tells all, and is devoted largely to practical matters pertaining to poultry raising. Has 148 pages; mailed to any address for 6c. No wild and woolly statements, toy outfits, nor prize package lots to offer. Fair treatment, prompt service and full value are what we try to give our customers.

DES MOINES INCUBATOR CO. Box 423, Des Moines, Iowa.

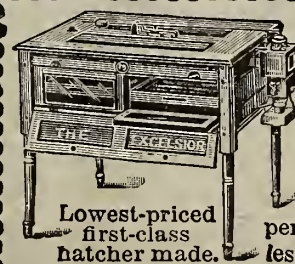
HATCH CHICKENS BY THE HUNDRED



WITH THE IMPROVED VICTOR INCUBATOR

It is a pleasure to operate, absolutely self-regulating, needs no watching during day or night. Its hatching qualities are second to none. Thousands in successful operation; the simplest, most durable and cheapest first-class Hatcher in the market. A written guarantee is sent with each machine to be as represented or money refunded. Circulars free. Catalogue 4 cents.

Address **GEO. ERTEL CO., Patentee & Mfr., QUINCY, ILL., U. S. A.** Established 1867.



Lowest-priced first-class hatcher made.

Hatch Chickens by Steam

with the simple, perfect, self-regulating

EXCELSIOR Incubator

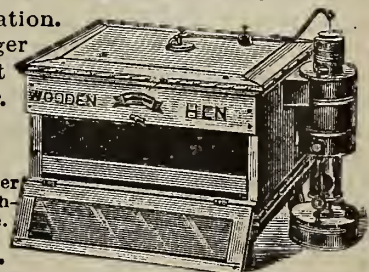
Thousands in successful operation.

Guaranteed to hatch a larger percentage of fertile eggs, at less cost, than any other hatcher.

The WOODEN HEN

the most efficient incubator for raising poultry on a small scale ever invented. A perfect hatcher—automatic, self-regulating, thoroughly constructed, fully guaranteed. 50 egg capacity. Catalogs free.

GEO. H. STAHL, Patentee and Sole Manufacturer 114-122 S. 6th St., Quincy, Ill.



they had the appearance of being overfat. This pen, although not put to laying until the 1st of April, averaged 150 1-2 eggs per hen during the season. They were pure bred Plymouth Rocks. The other pen which was put to laying during the entire winter, averaged 153 eggs per hen. The average price of the eggs was 18 cents. The average price of the former, or those which did not begin laying until April 1st, was 11 1-2 cents per dozen, at regular market prices. This shows a marked difference in the average prices, due principally to the high price of eggs during the months of December, January, February and the fore part of March.

SKIM MILK AS FOOD FOR YOUNG GROWING CHICKS.

The Purdue University Agricultural Experiment Station, La Fayette, Indiana, in Bulletin No. 71, report an experiment of two lots of chicks, the food, care and treatment of the two lots being identical, except that Lot II received in addition to the food given Lot I all the skim milk they would drink. In the beginning of the test, July 11, the combined weight of Lot I was 121 ounces; Lot II, 120.5 ounces. By September 5, Lot I weighed 297.5; Lot II, 476.5 ounces. The average gain, per chick, in that time was, Lot I, 2.75; Lot II, 3.95 ounces. The summary states that if skim milk be added to the ration fed to young chickens, it will increase the consumption of the other foods given. The great increase in average gain was coincident with the periods when the greatest amount of skim milk was consumed. Skim milk is especially valuable as a food for young chickens during the hot weather, and becomes of less importance as the chicken grows older and the weather becomes cooler.

Pointers on Food and Feeding.

Experiences of Correspondents—Feeding for Eggs, Fertility and Health—Green Bone—Feeding Raw Vegetables—How Much to Feed.

Green bone for eggs.
Starved hens are poor layers.
Wasteful feeding cuts in profits.
A bone cutter soon pays for itself.
The laying hen is hard to overfatten.
Feeding too much is killing with kindness.
Green bone is very rich in phosphate of lime.
Study the flocks—one flock will often consume more food than another.
Feeding fattening food to laying hens may not overfatten them, but it will cut short the egg supply.
G. W. B., South Wellfleet, Mass., should not feed more than an ounce of green bone per hen, each meal.
In reply to G. W. C., Woods Falls N. Y., would say that we believe the cold, changeable weather had more to do with the drop in egg yield than the feed.
What we require, first of all, from our hens is eggs, says *Country Gentleman*; and there is nothing that will induce

laying as early and as continuously as green cut bone fed about three times a week as a separate ration.

J. C. G., Vailsburgh, N. J., asks for the best and easiest way to cure lawn grass for poultry feed. After running the grass through a cutter, what would be the best move? Can any of our readers answer?

G. W. B., South Wellfleet, Mass., asks: "Should I feed any meat meal or beef scraps when I feed cut bone? Is it best to feed mash every day?" We do not feed meat meal on days we give green bone. Mash should be fed daily. We give it the year round.

A writer in *Country Gentleman*, in referring to green bone, says: "We prefer the ribs of beef, chopped in two-inch pieces and packed in the feeder nicely. It takes but a few minutes of hand labor to reduce them to the proper condition for feeding, so perfectly are the cutting knives adjusted."

L. F. B., Bridgewater, Conn., asks: "Is there any advantage in the feeding of vegetables raw rather than cooked? I am considering if I shall next year buy an Evans cutter, rather than continue my present practice of feeding boiled roots mashed up with bran, etc." We prefer feeding the vegetables raw (especially during warm weather) as they are not so fattening as when cooked.

There is nothing else in modern poultry culture that has obtained so firm a hold among fanciers and breeders as green cut bone. That it is not used as much as it should be we are convinced, says *Country Gentleman*. A few hesitate to use it because of the cost of the machine, but, if one stops to consider that this expense can easily be made

in the increased egg yield, we think this objection will be overruled.

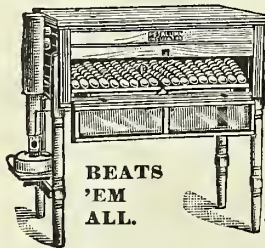
Wallace's Farmer says some writers advise feeding all the hens will eat up clean. In a general sense this may be accepted as a safe rule, with certain modifications. If the hens are given one feed of cut clover or other vegetable matter each day, they may be allowed all the grain which they are willing to work for. The beginner will not go far astray by following this rule if he exercises judgment in the combination of the grain ration.

F. D. P., Herkimer, N. Y., writes: "You say, in your bill of fare in January A FEW HENS, that it should be changed for summer. Now as it will soon be summer, would you kindly tell me what changes are necessary, or why it should be changed? In mixing this ration you no doubt mean that part of each ingredient is to be given in *measure*, not weight. Last year I gave equal parts of cornmeal, ground oats, bran and middlings, by *weight*. I got a heavy egg yield, but eggs were not fertile enough." In summer feeding drop the whole corn, and cut down the quantity of cornmeal. We give proportions by measure only.

F. D. P., Herkimer, N. Y., writes: "Would you please explain the difference in feeding for eggs and feeding for fertility? I imagine that feeding for health is feeding for both eggs and fertility. I am trying to increase my egg yield by breeding from layers. I

MAKE your hens happy. TOBACCO DUST will do it. See advertisement.

YES, MY B. P. ROCKS won 10 prizes on 13 entries; 90 birds in class. Eggs from these winners, \$2 per 13, \$5 per 39. Write wants to E. B. BURNES, Milford, N. H.



FORTIFY YOURSELF against any possibility of failure in your next seasons poultry operations by buying an incubator of tested merit and known worth and which **CANNOT FAIL. THE PETALUMA INCUBATOR**

is a machine of that kind. It is the machine that produces only high percentages of hatch. Made of best California Red Wood, carefully packed and lined, perfectly heated and regulated, it gives satisfactory results every time. Made in sizes from 50 eggs up. **WE PAY FREIGHT ANYWHERE** in the U. S. It will pay you to get our **FREE** catalogue and prices before you buy. Petaluma Incubator Co. Box 256, Petaluma, Cal.

Runs on Ball Bearings



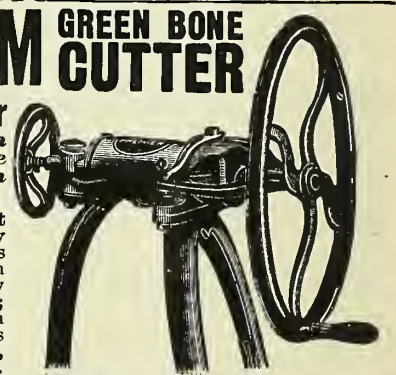
OPEN TO FILL.

made of high-grade steel and are easily kept in order and may be renewed when necessary. The machine is unusually well built. Endorsed by all leading poultry authorities. All about it in our illustrated and descriptive circulars—they are free. Don't buy a bone cutter until you have seen them.

THE ADAM GREEN BONE CUTTER

Formerly the Premier is the only Green Bone Cutter in the world fitted with ball bearings.

That is the reason why it turns more easily than any other. Another reason is that the knife works on the shoe plate principally—it really cuts the bone; it doesn't gouge it off in chunks. Cuts all kinds of bone, hard, soft, fresh, dry, etc., without choking. Needs no cleaning—cleans itself. The knives are



READY TO CUT.

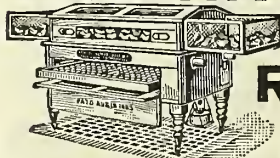
W. J. ADAM, JOLIET, ILLINOIS.

THE HATCHING HEN

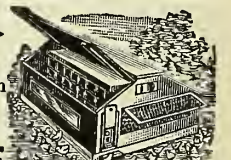
HAS LOST HER OCCUPATION and in the production and brooding of chicks she has been supplanted by the better and every way

RELIABLE INCUBATORS and BROODERS.

They Hatch and Brood when you are ready. They don't get lousy. They grow the strongest chicks and the most of them. It takes a 228-page book to tell about these machines and our Mammoth Reliable Poultry Farms. Plans for poultry houses, best way to handle, feed and market fowls, etc. **RELIABLE INCB. AND BROODER CO. Box Quincy, Ill.**



Sent on receipt of 10 cents.



have studied carefully all your pointers on food and feeding. The one plan given in A FEW HENS, January number, page 82, is nearly the same as my plan, and as my plan is not just right, or at least not working just right, I intend to change. I do not use linseed meal; I use B. B. B., instead of Bowker's Animal Meal. I will use linseed meal, increase the clover, and have above ration as it is in A FEW HENS." Feeding for eggs, fertility and health is practically the same. All three imply feed to make eggs and prevent overfat; including exercise to aid digestion. We can get eggs from fat hens, but those eggs will not, as a rule, be fertile. An overfat hen, too, is not a healthy one. Overfat is not a disease, but it opens the door to sickness.

Artificial Hatching and Brooding.

Hints that the Beginner Should Know and the Expert Remember—H. C. Clark's Valuable Pointers on Brooding.

Fill lamps daily.

Keep the brooders clean.

The chilled chick means loss.

Make the brooder chick exercise.

The busy chick is the healthy one.

The lazy chick makes slow growth.

Fifty chicks are enough in the brooder.

Avoid foul odors in the incubator room.

The droopy chick is nursing some complaint.

Wash the trays whenever they become fouled.

Chicks must not become habituated to one food.

Too high temperature in brooder weakens chicks.

Warmth is as necessary as feed to the new-born chicks.

Ninety degrees is high enough brooder heat for new-born chicks.

Don't be too hasty in removing the chicks from the incubator.

Regularity in temperature for incubator will give the strongest chicks.

Don't let the newly-hatched chicks get too far away from the brooder.

Hay cut in half-inch size makes fine scratching material for the young chicks.

In closing the incubator door be sure you have not put out the lamp flame.

Dried bread crumbs and rolled oats should be given the chicks after being placed in the brooder.

Don't trust high-priced eggs to the incubator until you are able to successfully hatch cheap ones.

A double roof on the incubator house will prevent sudden changes caused by hot sun in spring and summer.

Our faith is strongly pinned to F. P. C. Chick Manna for the first 10 days feeding of chicks.

The *Southern Fancier* says: "The old hen gives heat from the top, and all brooders should be constructed on the same principle."

March eggs are not as fertile as those laid in April. Remember this when you stock your incubator during cold, changeable weather.

A. F. Cooper says a brooder that will fluctuate in temperature, running too

high and too low, is not a successful brooder, and chicks ought not to be entrusted to it.

Don't lose sight of the fact that there is enough moisture in an egg to hatch it. Therefore, the art of properly applying ventilation is of more importance than the moisture question.

Don't set Brahma, Wyandotte and Leg-horn eggs in the same incubator at the same time. The amount of moisture or ventilation required to hatch one will be too much or insufficient to hatch the other variety.

* * *

POINTERS ON BROODING.

The following pointers are furnished by H. C. Clark, Secretary of the American Incubator Co., Delaware City, Del.

Chicks must be kept warm.

Chicks must not be overfed.

Young chicks must never eat stale food. Chicks must have more attention than wheat or corn.

Chicks should be well fed, and yet kept a little hungry.

See that the feed trough in the brooder is full before sundown.

Overfeeding will produce bowel complaint as quickly as anything else.

Chicks should be taught correct habits in the first days of their youth.

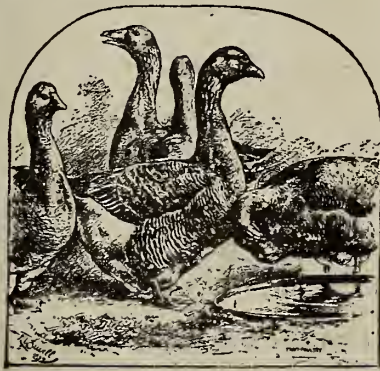
Wheat and cracked corn should be the predominating food after the fifth day.

After the first feeding, the chicks must be enclosed under the hover of the brooder until the next feeding.

Feed often, but little at a time—as the chicks cannot digest much at a time, and positively must not be overfed.

Keep clean water constantly before them, but have the vessels containing the water so arranged that they cannot get themselves wet.

WHEN hens feel good they lay eggs. See TOBACCO DUST advertisement.



Our Geese

Won Five First, Four Second and Two Third Premiums at LAST BOSTON SHOW.

They are the largest, most prolific and profitable strains. Good Africans are the surest breeders of any of the large kinds, and the most important and valuable variety. If you want lots of the most marketable goslings put genuine African males with your large Toulouse or Embden females, or African females with your Embden males. We have a few Africans that have heavy dewlaps, correct markings, and that weigh in active breeding condition, ganders 20 lbs. and geese 18 and 19 lbs. We have many others nearly as good, and finest Toulouse and Embdens; 170 pure-bred and market geese, of various qualities, in all.

EGGS FOR HATCHING at prices according to the quality. No geese for sale. Circular and price-list free. Farm at West Mansfield, Mass.

SAMUEL CUSHMAN, Pawtucket, R. I.

Chicks must be taught right from the first to eat everything that is good for them, like screenings, millet seed, cracked corn, whole wheat and baked cornmeal cakes pulverized.

Chicks should become quite hungry for their last meal, which should be given them as late as possible, before dark, so that they will eat enough to last them until morning. The last feed should be hard, dry grain.

Chicks should be taken out of the incubator as soon as they are dry, placed in a basket with a piece of flannel under and over them, and the basket set near a stove or in a warm place, and the chicks not fed for 24 hours.

See to it that the chicks never become chilled by huddling in the corners of the brooder outside the hover, for when once they become chilled they cannot get warm, they become weak legged, and sit as close to the heater of the brooder as they can possibly get, while the other chicks stand upon them and crush them; or, having become chilled their food will not digest and they die of bowel complaint.

Another cause of bowel complaint is, that in outdoor brooders, and also some indoor brooders, the front and top are made of glass. Such brooders are all right when the sun is not too hot, unless protected by a shade, the sun will blister the chicks through the glass and give them bowel complaint. A good sign that there is too much sun is, when they all draw together, and huddle up sleeping in a corner of the brooder under the hot rays of the sun. They do this when too hot as well as when too cold.

TELO-ALTO POULTRY PLACE.
Wholly Utility } Eggs, \$1.00 per sitting.
W. h. Wyandottes. } E. F. Youngs, W. Camp, N. Y.

HENS DON'T LAY

voluntarily. The food may go to make meat and bone or it may go to eggs, and the secret of getting eggs when wanted is to turn the food into the proper channel. Lee's Tonic Powder acts on the digestive organs. When fed to cows it increases the flow of milk and when fed to hens it fills the egg basket. Not a stimulant—nothing else like it on the market. We send a 25c. box of the Tonic and a 30c. can of Lee's Lice Killer as samples, for 30 cts. The Lice Killer kills all body lice, mites, etc., on poultry by simply painting it on roosts. Our 68-page book on "Insects" and diseases of poultry, free. Address nearest office.

GEO. H. LEE CO., 1110 Farnam St., OMAHA, NEB.
178 Michigan St., CHICAGO. 68 Murray St., NEW YORK.

BELL'S POULTRY PILLS

No.	Cures
5	Fevers, Inflammation,
10	Bronchitis, Influenza,
15	Indigestion, Crop Bound,
20	Roup, Catarrh, Pip,
25	Chicken-pox, Canker,
30	Diarrhoea, Cholera,
35	Rheumatism, Lameness,
40	Diphtheria, Ulcers Mouth,
45	Constipation, Liver Troubles,
50	Debility, Slow Growth,
55	Worm Diseases, Gapes,
60	Dysentery, Vent Gleet.

BELL'S POULTRY OIL "The External Remedy"
For Wounds, Sores. Application for Lice. Prices—Pills or Oil, one ounce Bottles, 30 cents; two ounce Bottles, 50 cents. Post free.

Bell's Poultry Doctor,
Giving full treatment Poultry and Pigeons, Free to Everybody. Send for it.

BELL'S REMEDY CO., 3 Vesey St., N. Y.

A FEW HENS.

EDITED BY

MICHAEL K. BOYER,

Hammonton, N. J.

Published Once a Month.

Sample Copy Free.

Price, Monthly, Three Cents.

By the Year, Twenty-Five Cents.

Send all orders to

I. S. JOHNSON & CO., Boston, Mass.,
PUBLISHERS.

ADVERTISING RATE:

The rate per agate line is 15 cents each insertion; or 10 cents per line if order is for six months or more. About seven ordinary words make one line. There is fourteen lines in each inch space, single column.

Entered at the Post-Office at Boston, Mass., as second-class matter, by I. S. Johnson & Co., Publishers, 22 Custom House St., Boston, Mass.

EDITORIAL.

Twenty Last July we told our sub-
Pages. scribers that we should give them 50 per cent. additional matter during Volume II, and not charge one cent more than 25 cents for a year's subscription. We did more than that. A FEW HENS started out, originally, with eight pages. Subscriptions at once began to pour in, and each one conceded that they were getting a big bargain for their money. Gradually, as the advertising patronage increased, we enlarged—first to 12 pages—then to 16 pages—and now to 20 pages. This increase of space, while directly attributable to the advertising patronage, has likewise greatly increased the amount of reading matter, so that we are giving the biggest bargain for 25 cents that has ever been attempted by any poultry publication. We have done a great deal more than we promised. Twenty pages means two and a half times the original size of the paper.

Our Readers. Fortunately, A FEW HENS has not only secured a gigantic subscription list, but the quality of that list is strictly first-class. The readers of A FEW HENS are wide-awake, progressive people. They are men and women who are dabbling in poultry for profit. They believe that practical poultry alone is of value, and hence they are buyers. They want the best. They have learned to place reliance in those who advertise in our columns. Time and again we have produced testimonials to substantiate our claims. The wonderful growth of our subscription and advertising patronage, too, has been made by fair means. Not once have we been guilty of trying to build up our business by pulling another's down. We believe in fair play. "Each tub must stand on its own bottom." Both the publishers and the editor of A FEW HENS studies the class of advertisements accepted. The result is that we have had but a few complaints, and all those complaints were quickly and satisfactorily settled. That gives our readers confidence—and that confidence is what we want to complete our success.

No Better Miles Bros., Spring Hill,
Can Be Pa., write, after giving A
Found. FEW HENS a fair trial:

"We are well pleased with A FEW

"HENS, both as a poultry paper and
"an advertising medium, and do not
"think any better can be found.
"For money expended, it has
"brought us at least twice the busi-
"ness any other paper has."

That's rather strong, but we believe it. Those who have patronized Miles Bros. are willing to take their word without question—they say so—and why should not we? Their patrons have confidence in them, and for that reason we are glad to place their testimonial first.

Exceeded His To show how our ad-
Expectations. vertisers treat our readers, we will quote from a letter received from Joseph Donsbach, Rochester, N. Y.:

"Every issue of your paper brings
"me information of a valuable char-
"acter. It was through its columns
"that I noticed an advertisement of
"F. M. Chesbro, of Mongo, Indiana.
"I sent him an order for a pair of
"cockerels, and received a pair of
"birds that exceeded my utmost ex-
"pectations, both in quality and
"price. So I have come to the con-
"clusion that in dealing with adver-
"tisers in A FEW HENS a person can
"rely upon such advertisers being
"men upright in their dealings.
"Your hints to breeders have proved
"very valuable to me, and although
"I have been a subscriber for only a
"short time, I will candidly say that
"I prefer A FEW HENS to any other
"periodical of its kind."

Circulates There is nothing
Everywhere. local about the circula-
tion of A FEW HENS. It goes everywhere—to every state in the Union, to all parts of Canada, and to all foreign countries. For that reason it pays everyone to advertise in it, no matter where they may be located.

"Your paper is paying me first
"rate. It seems to circulate every-
"where. I got an order yesterday
"from Texas, directly traceable to A
"FEW HENS," writes F. A. P.
"Coburn, Lowell, Mass.

Western J. S. Campbell, La
Advertisers. Harpe, Ill., writes that
he feels he cannot get along without A FEW HENS. Of course he cannot. But he is not satisfied with the amount of western advertisers in the paper. He says:

"I wish more western dealers would
"advertise their stock in your paper.
"It is too far to ship a few chickens
"from where most of your adver-
"tisers are located. Lots of farmers
"here would be more interested in
"poultry, and would readily stock
"up with better blood if it was not
"so much trouble."

There are lots of western poultrymen who would like to advertise in A FEW HENS, but they say they cannot see wherein a western advertiser can be benefited by an eastern paper. The above is a good argument to the contrary. Our western subscription list is, we believe, larger than that of many of the western papers. We have surprised more than one timid advertiser in this, and have brought out new advertisers from all

sections of the country—men who never before dared make an attempt. Certainly A FEW HENS is getting on top, and if you want to prosper with those that are prospering, come in before it is too late.

Uncle Who does not know
Dick Young's Uncle Dick Young,
Opinion. of Westboro, Mass.,
the popular pub-
lisher of *Chicken Fixings*? He is a
genius, and what he says goes. More
of him elsewhere, but now what he says
in his 1899 edition:

"Uncle Mike Boyer, of Hammonton, N. J., is the man who proposes to do right tho' the heavens fall. He has clung to a good purpose through thick and thin, cold and heat, riches and poverty. The poultry fraternity owe him an immeasurable debt of gratitude for the experiences he has given and is still giving them thro' his numerous books and A FEW HENS, which is published monthly at only 25 cents per year, and it is the *multum in parvo* of poultry journals.

"Among his books are: Broilers for Profit, 50c; Profitable Poultry Farming, 25c; A Living from Poultry, 25c; A FEW HENS, Monthly, 25c. All the above, together with Farm-Poultry Doctor, 50c, will be mailed to any address for \$1.00.

"May Uncle Mike ever entertain that comfortable feeling which comes from generous deeds and giving good advice, and may his growler never run dry."

An Expert's That veteran newspa-
Opinion. per man, J. C. Ely, of
the *Ohio Poultry Jour-
nal*, has this fine compliment for us in
March issue of his excellent journal:

"M. K. Boyer's paper, A FEW HENS, is a model of condensation. The editor compresses a vast amount of valuable information into comparatively little space."

Mr. Ely's opinion is doubly valuable from the fact that nearly all his life he has been at the editorial desk, and knows how to appreciate the immense amount of work necessary to get out "a model of condensation."

Pleased Otto Anderson, Malden,
People. Mont.: "You may be able
to run your poultry plant
without A FEW HENS, but I am up here
in snow, four feet deep in all my yards,
and for two weeks in February the cold
ranging from 33 to 48 below zero—how
can you expect *me* to run a small poultry
plant without A FEW HENS? So
please don't forget a fellow in need, and
send me the February issue. It is the
first time I have missed a number of
your paper. It has always been very
prompt before."

F. W. Velie, Rlinebeck, N. Y.: "I think A FEW HENS is the best paper, for its size, I have ever had the pleasure to read."

Mrs. Henry M. Billings, Manton, Mich.: "A FEW HENS is really all the poultry paper one needs, as the articles are so clear and to the point. We received several others, but A FEW HENS contains nearly all, boiled down."

Lyman Blair, Greenville, Maine: "Enjoy A FEW HENS very much. Wish it came every week, at an additional cost."

John E. Jones, Montpelier, Vermont: "I subscribed for A FEW HENS last year, and it comes to my address again this year—and will as long as I am in the poultry business, and it continues to be published. It contains more solid facts to the square inch than four poultry papers I have put together."

R. G. Buffinton, Fall River, Mass.: "We receive each month about one bushel of poultry and other papers, but none is looked for with more interest than A FEW HENS. There is something to be learned in each issue, and we are not too old to learn."

J. L. Dickson, Chambersburg, Pa.: "A FEW HENS is the best poultry paper I ever read."

E. F. Youngs, West Camp, N. Y.: "To say that I like your paper is but a mild expression for my regard of this little sheet that comes to me so well boiled down and seasoned for the every day worker."

Frank Mitchell, Swainsboro, Ga.: "I read A FEW HENS and like it very much—the only objection I find with it is that it does not come every week."

Mrs. A. O. Hammond, Hackettstown, N. J.: "Enclosed find my renewal of subscription. I should be sorry to miss the valuable paper from my reading."

E. W. Grubb, Akron, Ohio: "A copy of A FEW HENS was handed me a few days ago by J. R. Campbell, and I enclose my subscription herewith. For good, practical hints on the care of poultry I have not seen its equal."

Otto Pohner, East Liverpool, Ohio: "Of the four poultry papers I have taken the past year, will say that for cheapness and practical reading A FEW HENS beats them all, and just suits a small poultry raiser in need of practical information."

W. M. Lloyd, Tuckahoe, N. Y.: "The unequalled solidity of poultry topics in A FEW HENS just fills the bill."

A. B. Leonard, Taunton, Mass.: "A FEW HENS is an extra fine little sheet."

L. D. Ellicott, Fort Wayne, Ind.: "Am a constant reader of your valuable paper, A FEW HENS, and find much instruction in its columns. It is a veritable *multum in parvo*."

Frank H. Hawley, Le Roy, Ohio: "A FEW HENS simply covers the ground for practical poultry pointers. It is the best thing of the kind in the country."

Frank A. D. Bullard, Segreganset, Mass.: "I always look for each issue of A FEW HENS, and get a lot of instruction from it. I watch with interest the growth of your farm and enterprise."

Alfred Fried, Allentown, Pa.: "I get three poultry papers, but yours is the best."

Samuel Ward Greene, East Greenwich, R. I.: "Your paper, A FEW HENS, is admirable in its condensation and common sense."

John Beerman, Edgewater, Ills.: "Your paper A FEW HENS, can't be beat."

White Wyandottes and Lt. Brahmas, strong vigorous birds from best strains. Eggs, \$1.25 per 13. Regent Park Poultry Yards, Port Chester, N. Y.

The Eureka Nest Box.

In the November issue of A FEW HENS we stated that we were hesitating about putting the Eureka Nest Boxes in our Leghorn pen, as Leghorns being such scarey fowls we feared the constant handling might injure their laying. Mr. Silberstein believing that this assertion of ours has hurt his trade among our readers, sends us the following letter, which we gladly publish:

"May I ask you to rectify an injustice to me? In a recent issue of your always interesting little journal, in mentioning the Eureka you stated that you were afraid to try it on Leghorns because of their nervous disposition, or something to that effect. You didn't mean otherwise than to help me, I know, but to my certain knowledge, this little statement has cost me at least three orders. While exhibiting at New York last week, in conversation with three visitors at different times, this article was referred to and given as a reason why they did not purchase the right to use a nest box.

"As you know, I have kept Leghorns up to last July, and while I am prepared to admit their predisposition to nervousness, I also know that proper care in handling them, no noisy or hasty entrance or exits, will win their confidence as quickly as it will win the confidence of any other breed. In fact, one pullet which I had here, and which I was loath to part with, had a fashion of jumping on visitors shoulders, and looking for their scarf pins, or if the visitor happened to be of the gentler sex, and wore a hat with any green in it, 'Our Jenny' would immediately fly to the hat, and attempt to browse on it.

"If the Eureka is properly built, it can be used on Leghorns as well as it can be on Brahmas, and I still stand ready to return funds to the first man who claims it, should he find the Eureka not to do all I claim for it."

A Contented Boy's Start. The following letter from A. C. Stone, a young man who is endeavoring to establish a poultry plant at Ithaca, Mich., is interesting. This young man will succeed, for he is built of that stuff that is bound to bring success. In partnership with mother, and contented with his lot, is enough to recommend any young aspirant:

"I have intended this long time to write you, and describe, if I could, how and what I was doing. I am a reader of your little paper A FEW HENS, and I

POULTRY SUPPLIES

MAKE A HEN COMFORTABLE AND SHE PAYS.

We carry a full line of everything needful in the poultry yard and hen house. All improved foods, grits, insecticides, medicines, &c. All improved appliances—Incubators, Bone Cutters, Clover Cutters, Vegetable Cutters, Drinking Fountains, &c.

CUT CLOVER HAY

the great winter food, made from best second crop clover, all ready to feed, \$1.75 per 100lb. sack. Write for what you want. We have it. Large Catalogue Free.

HARVEY SEED CO.,
35 Ellicott St., Buffalo, N. Y.



The Sanitary Poultry Drinking Fountain

Hens lay eggs

when fed with the things eggs are made of. Eggs are mostly albumen, produced by the hens from the protein they absorb from their food.

Bowker's Animal Meal gives a hen the maximum of protein and other egg making material. Always sold in yellow bags and packages.

The Bowker Co.,
43 Chatham St., Boston.

EGGS FROM PEN WHITE WYANDOTTES that have been laying since Nov. 14th, headed by cock from A. F. Hunter's great laying strain. \$1.25 per sitting. D. S. CLINGMAN, North Chicago, Illinois.

ROSE COMB WHITE LEGHORNS, exclusively. Large strain; great layers. Buy the best. Cockerels, \$1.00 to \$2.00. Eggs, \$1.00 per 15. JOHN T. PHILLIPS, Dallas, Luzerne Co., Pa.

Golden, Silver and Buff Wyandottes. My birds at the shows scored to 94 points. Lambert, judge. Eggs this season, \$1.25 per 13; \$3.00 per 40. Stock for sale; all farm raised. Breeder 15 years. F. S. TENNEY, Peterboro, N. H.

RINGLET BARRED ROCKS, E. B. Thompson strain. None better. Eggs, \$1.50 to \$3.00 per sitting. Six prizes on 14 birds at Newburgh; 1st pen at Walden, N. Y. Stock for sale: H. T. BROWN, Wallkill, N. Y.

TOWER FARM.

Light Brahmas, White Wyandottes, C. I. Games. Eggs, \$1.00 per 13. I breed for business. Satisfaction guaranteed. Prairie State Sectional Brooder, complete, \$20. Stock for sale, \$1 up. E. D. Ingraham, Ransomville, N. Y.



EASY TO OPERATE.

Any boy or girl can be successful with THE MONITOR INCUBATOR. Automatic regulator. It makes strong and healthy chicks. We pay freight. 100-egg Old Hen Incub. and Brooder \$10. Catalogue Free. The Monitor Co. Box Moodus, Conn.



THE F. P. C. CHICK MANNA

TEN DAYS' FOOD
For Little Chicks when first Hatched. Tested, proven productive of QUICK, STRONG, HEALTHY GROWTH.

Highly Prized by POULTRY RAISERS.

Send for Descriptive Price List of the F. P. C. PREPARATIONS for POULTRY, HORSES, CATTLE, Etc. MANUFACTURED ONLY BY

F. P. CASSEL, Lansdale, Pa.

Sold in the east by Joseph Breck & Sons, Boston; Excelsior Wire and Poultry Supply Co., New York City; Harvey Seed Co., Buffalo, New York; Johnson & Stokes, Philadelphia, Pa.

use it as my guide. I think it leads in poultry literature. My plant is located one mile from town. I have 11 acres, and raise on it small fruit, garden stuff and chickens. The place belongs to my father, who is an attorney in this town. I entered the poultry business three years ago, buying out a half interest of my mother, as she owned the chickens at that time. We then erected some houses which are built on the scratching shed plan, and are 66 feet long, making three coops and sheds. The yards for each pen of fowls are 22 x 100 feet. This is all the coop room I have for laying hens now. I have in all just 125 chickens, some of which are stock of my own breeding. I have one 100-egg and one 200-egg size incubators, and indoor and outdoor brooders, all Prairie State. Last fall I bought a Mann No. 4 Bone Cutter, and also a Mann Clover Cutter. I have in my work-room a 45-gallon cooker, and in this room I also keep my feed, tools, etc. This building stands next to my coops. My mother runs the incubators and bakes the cakes, etc., for the little chicks, and I do the heaviest work outdoors. We intend to raise from 700 to 1000 chicks this season, some of which I shall keep for my own use, some to sell as breeders, and the rest for roasting fowls. Last year I killed and dressed close to 150 fowls for market, and did not have half enough to fill the demand.

"I am next to the oldest of four boys; am 20 years old. All my brothers are at home. The oldest one is stenographer and typewriter in my father's office, and the two youngest ones go to school. My father has helped me and encouraged me, and my good start here in this business is mostly due to him. I like the chickens and also the farm, and there are but few homes more pleasant than mine. We intend this summer to put up some more buildings, a brooder house, incubator room, and some sheds for fattening stock. I must close and go and feed my chickens."

* * *

12,000 Laying Hens. C. H. Payne, C. E., architect and building supervisor, who is also a practical poultryman, has removed from Michigan to Rhode Island, to personally manage the Jamestown plant. Here they are planning for 12,000 laying hens, kept on a system and in houses quite original. The stock from which hens will be produced has been, and is still being carefully selected. "We have purchased birds or eggs from fifty of the most popular breeders," writes C. H. Payne. "All those who have great show records are included, and particularly those to combine Standard requirements with utility. We expect to hatch by the end of April, 2,000 Wyandottes, Rocks and Brahmas, and by the end of May as many Leghorns. The pullets will have the best of houses, in flocks of twenty-five (thirty for Leghorns). Conditions identical, and a system of registration, never before attempted in this country, will be applied by an automatic nest of my own invention. This nest, unlike all others, cannot admit more than one hen at a time; the record is, therefore, certain. Thus we shall have a practical contest of utility points, in which fifty of the

greatest Standard breeders will compete. I believe that nothing of this kind has heretofore been attempted. The points we consider of special merit are early maturity as layers (without forcing diet), number of eggs in winter, number of eggs during first year of laying, weight of first year, weight of average eggs, color of eggs, value of carcass.

"We shall, of course, breed only from those individual birds that score highest in these points, and I believe by a continuous application of the automatic nest, we shall in course of time raise a strain of utility hens that will be world beaters, and will at the same time keep close to the Standard."

* * *

Chicken Richard H. Young, West-Fixings. boro, Mass., better known as "Uncle Dick," has just issued the 22d annual edition of "Chicken Fixings." This annual is devoted to the advertising of poultry supplies, and is, besides, a regular reservoir of comic sayings, wise remarks, and practical information. Uncle Dick is a regular Bill Nye, and we make the following quotations from his introductory:

"As the milk is not all yet extracted from the cocoanut of poultrydom, and as the coming year bids fair to be prosperously *fowl*, we have decided to continue the business at the old stand, where our latch string still hangs out for you to *pullet*. I've made up my mind to keep eternally pegging away at something, and when I've nothing else to do I take down the cobwebs, carefully dust and systematically replace them. I find it pays better to do about as near right as one can—provided he don't lose too much money on the job. In driving nails one stroke of the hammer on the head of the nail is worth more than two dozen on your thumb nail.

"Whatever business you may have, always attend to the business end first and fill all orders promptly. The minor and intermediate details can be adjusted in the intervals. There is always plenty

White Wyandottes and Black Minorcas. Eggs from carefully selected stock, \$1.00 per setting. GEORGE CARTWRIGHT, Box 517, Niles, O.



Which Hens Lay?

WHICH HENS LAY THE INFERTILE EGGS?

WHICH HENS THREW THOSE HANDSOME CHICKS?

The EUREKA NEST BOX

Will tell you all this, and more.

Not a mechanical contrivance. One Eureka answers for each pen. One or two hens does not fill up the box. No traps to set. Wholly automatic. Any one can build it. Building instructions and right to use Eureka for \$3. Pamphlet for two cent stamp. HART NEST FARM, BOX 6, FRAMINGHAM, MASS.

"Best Liver Pill Made." Parsons' Pills

Positively cure biliousness and sick headache, liver and bowel complaints. They expel all impurities from the blood. Delicate women find relief from using them. Price 25 cts.; five \$1.00. Pamphlet free. I. S. JOHNSON & CO., 22 Custom House St., Boston.

of work to be done. No one need be idle for a minute. A well kept house is the result and sure index of industrious hands and a willing disposition. You can generally judge a man's character by the appearance of his premises. Heavy sitters seldom have order or cleanliness about their places. A few minutes of regulation every day is far better than a whole week once a year. It is much cheaper to replace a tool after using it than to hunt an hour for it.

"A place for everything and a time for everything; but everything in its right place and do everything at the right time, and you will lengthen life a number of years by saving time. No person ever got religion or wealth by disorderly, slipshod methods. The same principles apply to the poultry business as to every other. No good results from laziness and negligence.

"Success or failure in the poultry business depends upon the attention given to the details of the work.

"The one who works with system and gives careful attention to every part of

CHICK MANNA



Makes a certainty of growing chicks. If you feed it according to directions you can

RAISE EVERY CHICK YOU HATCH.

It Makes 'em Grow

because it regulates the bowels, promotes good health, begets strong constitution and produces rapid development. Fully endorsed by the thousands who use it. You will be its friend after one brief trial.

Price of Chick Manna } 1 lb. package 10c; by mail 25c. 5 lb. package 40c. 60 lb. case, bulk, \$4.20.

Liberal discount to dealers on case lots.

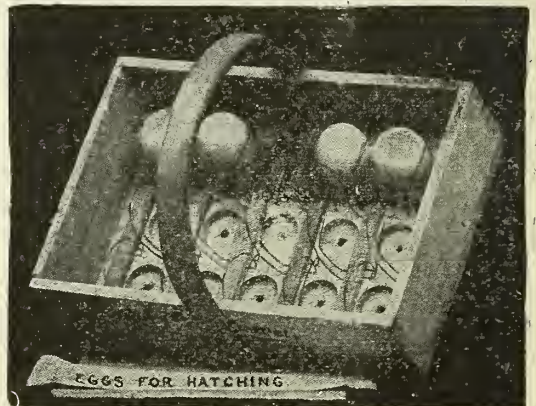
POULTRY SUPPLIES

of every kind and for all conditions and requirements in our illustrated special catalogue. Mailed free to any address.

Johnson & Stokes, 217 and 219 Market St. PHILADELPHIA, PA.

A Problem Solved BY USE OF THE Fanciers' Favorite Package.

It is being rapidly adopted by prominent breeders all over the Union and in Canada and Mexico.



Patented July, '97. October, '98.

Prepaid sample, 20 cents in stamps. Free literature from the WOODS EGG HOLDER CO., successors to the 20th Century Mfg. Co., 211 Locust St., St. Louis, makers of Revolving Cabinets, Crates, Boxes, etc. Canadian, British, French and German patents to be disposed of.

the business is the one who has the choicest product and who finds the readiest market at top prices. This means success. In carelessness and inattention to details is indelibly written the word failure.

"There is room enough for all in this wide world at the top. The poultry industry in this country is only yet in its infancy. The more who launch into the enterprise the better for all. Good natured rivalry generates the very life of trade, without which it would dwarf and die. Monopoly is the mother of stagnation. Variety is not only the spice of life, but the substance of trade. The great schoolmaster, experience, has been teaching these truths for several thousand years, but how slowly the world seems to learn them.

"Those who enter the arena of poultrydom should not expect it will be all profit nor all pleasure. It has its ups and downs like other pursuits. It has its displeasures and disappointments. Don't expect everything will work just as you have planned it. It is a hard thing to drive a hen through a hole in the ground, but induce her to make her exit thro' an aperture 10 feet above ground, and she'll win the cake as a jumper every time. But to induce her to back through the same hole—a whole elevator full of grain wouldn't be any temptation. She isn't in it. Over, under, aside she'll lop, head thro' mesh or between laths, but the real exit she can't, won't, or don't want to find. If she's a full winged Leghorn, she surmounts all obstacles and her feet are soon firmly placed on the summit of a tall pine tree which overtops our hen-yards."

* * *

Encouraging Naturally, A FEW Reports. HENS rejoices in its readers' success. It is at all times pleased to receive encouraging reports—reports that show that our readers, "members of our family," are making a big success of their undertaking. In each issue we strongly advocate sending nothing but gilt-edge goods to market, and we believe that our advice is not given in vain. We have lying upon our desk a letter just received from Dulany & Branin, the commission merchants of New York city (who are advertisers in A FEW HENS), which gives us great encouragement. The following extracts from the letter are sufficient:

"It would surprise you to see the amount of eggs we are getting through our advertisement in A FEW HENS."

"The poultry shipments from A FEW HENS' readers are composed of the fanciest roasting fowls, broilers and squabs—and it seems just the stock that some one has just been inquiring for. What poultryman can be without A FEW HENS? Not we."

The Wyandotte Fowl. Just as we are getting our editorial page ready for press, we received a copy of a Bulletin issued by the Department of Agriculture, of Sydney, New South Wales, which deserves mention. The bulletin is the handiwork of that expert in poultry matters, G. Bradshaw, author of "Profitable Poultry Breeding for the Local and English Markets." Mr. Bradshaw gives the American poultrymen a flattering notice on their creation of the Wyandotte, and tells of their origin. The points of value as a farmer's fowl are carefully explained, and the testimony of both foreign and American breeders is given. A compliment is paid A FEW HENS and our experimental farm for bringing forth the virtues of this breed, for which, of course, we are thankful.

We regret that we have not the space to make extracts from Mr. Bradshaw's book, as we know they would prove interesting to our readers.

Aside from the subject of the book, attention is brought to the Board of Exports for the past year. Last year there have been handled at the Government Export Depot, 28,000 head of poultry, all of which has been sent out of the Colony. Two important results have been thereby achieved—first, the value of the stock on the local market has increased at least 25 per cent., as against last year's prices, and, second, the market has been cleared of large numbers of low grade birds, which will provide room for the constantly increasing supply of better stock. Growers are again reminded that for the British markets nothing but prime young birds are of any use.

* * *

The Natural A correspondent from Method. Tampa, Fla., writes:

"I am a new 'relative,' having been keeping 'a few hens' a few months, and take the 'big block.' I think A FEW HENS is just about the paper. But, as is usual with beginners (what I started to write about was a different thing), there are lots of things

BARRED PLYMOUTH ROCKS. A choice brown egg, heavy laying strain. Strong, vigorous money making birds. Pedigree Coburn-Hunter. Eggs, \$1.25 per 15; \$2.00 per 30. E. W. HARRIS, North Acton, Mass.

Tobacco Dust
Beats the Bugs. Sure Thing.

Try it on your hens for lice, etc. Put some in the dust bath. The hens will apply it to themselves and make it touch the right spot. 2 lbs. 25c.; 5 lbs. 50c.; 15 lbs. \$1.00. W. M. HARMAN, Box 3, Altoona, Pa.

Ray's Buff P. Rocks

Are up among the best. I have bred them from almost the first; buying stock and eggs from the very best breeders in the country. Will sell eggs this season from choice stock at \$2.00 per 15. Mention A Few Hens. A. E. RAY, Amherst, Mass.

I want to learn. But one thing at a time. So I will start at the beginning and ask if you will favor us with an article upon the proper treatment (feed, housing, etc.) or general care of chicks raised with the hen. All of the articles I've seen upon the subject treats of the mode of raising incubator chicks—the author, as a general preamble, almost invariably remarks that as incubators are so generally used, and as it is such an improvement upon the old-hen way, that a comparison is out of the question. Consequently, he (or she) does not consider it worth while to waste any time explaining how to treat hen-raised chicks, and without any more 'to do' sails off into a long set of instructions to incubator users, ignoring the fact that there are several of us who have not got incubators, and, consequently, must still rely upon the faithfulness of 'Old Biddy,' but who are beginners—practically greenhorns—and much more in need of information upon the subject than are those with more experience and better equipped, among which are the users of the incubators.

"Now, I think, and you may find a few more who will agree with me, that your doctrine, as exemplified in A FEW HENS, of devoting your paper to 'utility' in breeds, and the education of the beginner, puts it at the head of poultry papers for our especial use, and, as a matter of course, it is to you that I turn when I am desirous of instruction. Will not A FEW HENS 'take the bull by the horns' in this matter—ignoring all the high-flown paregyrics upon the usefulness and advantage of incubators, and give us a set or series of good, plain, practical rules and advice upon the common everyday raising of chicks, with the assistance of 'Old Biddy?' There are many things that the novice may not know that will benefit or injure the little ones, and he will appreciate any enlightenment you may be kind enough to give him—at any rate *this one* will."

Our friend will find that every now and then we publish a department called "Sitting Hens and Little Chicks," which is devoted to just what our correspondent wants. The editor of A FEW HENS is now at work on a pamphlet telling how to raise and care for chicks by the natural method, which will be announced in due time.

DO YOU WANT LAYERS? My Barred Plymouth Rocks are bred for business. Will sell a few sittings for \$2.00 per 15. Eggs from pure-bred Pekin Ducks \$1.00 per 15. Stock for sale in the fall. GEORGE H. BUTLER, Eliot, Maine.

MR. BOYER recommends my poultry for quality and laying. Be sure and send for catalogue for I can prove to you I have the best and give too much for the money. Winner at New York six yrs. Barred and White Rocks, Rose and S. C. Brown Leghorns, Buff and Wh. Leghorns, Black Langshans, R. and S. C. Black Minorcas, Big White Wyandottes (Brown eggs), Light Brahmas, Pekin Ducks, Belgian Hares. EGGS, \$1.00 per set.

W. W. KULP, Pottstown, Pa.



RICE'S LICE PAINT

FOR POULTRY, LIVE STOCK AND HOUSE PLANTS.

Kills Lice, Mites, Fleas, Ticks and Bed Bugs. Easy to use—Certain to kill. Will destroy all the lice in your poultry house and on your fowls in one night, by simply spraying or painting the roosts, nest boxes, dropping boards and floor. Cannot injure the fowls. Cheapest Lice Destroyer on the market. HALF GAL. CANS, each 50 CENTS; GALLON CANS, each 75 CENTS.

Send for circulars and testimonials describing this wonderful Paint.

For sale by JOSEPH BRECK & SONS, Boston, Mass.; HARVEY SEED CO., Buffalo, N. Y.; C. C. RICE & CO., 178 Michigan Street, Chicago, Illinois.

Notes in Passing.

News in the Poultry World—Hints that May be of Value—Paragraphs from Our Exchanges.

We have a timepiece always true,
Not very old nor very new;
At midnight and the break of day,
Still keeping time in noisy way.
When there's to be a change of weather,
Proclaiming it with ruffled feather.
Each hour throughout the darkest night,
We know our timepiece still is right.
No need have we of watch or clock,
So faithful is our barnyard cock.
—*American Agriculturist.*

A good time to paint.
Poultry syndicates are luxuries.
Careful work is most important.
Don't let the cobwebs get a start.
Be honorable in your competition.
Don't be continually finding fault.
Don't try to live on others' laurels.
Plant trees—peaches, pears or plums.
Right a wrong the moment you see it.
Be careful—"spring fever" is epidemic.
Don't "bite off more than you can chew."
Daily inspect the condition of your flocks.
Have you done your spring "house-cleaning?"
Make the hens "come up to the scratch."
The best results come from careful attention.
Better try to set an example than imitate.
Keep on improving; let each year note progress.
Don't keep hired help that is disagreeable to you.
The White Wyandottes are having a big boom this year.
Don't get discouraged at the first mishap; try again.
Don't kick the editor because his views differ from yours.
Undue excitement does a lot of injury on a poultry farm.
There's a big difference between a breeder and a fancier.
Don't try to build your business up by pulling another's down.
What makes these "Standard-fellows" squirm so much about utility?
Don't call a man a rascal until you have evidence that he really is one.
Are the Houdans losing their standing?
Too good a fowl to be dropped.
Poultry without results is like holding shares in a defunct stock company.
"God helps those who help themselves" has no reference to the chicken thief.
Rub the window panes well with old newspapers—it will let in the sunshine.
Have the place look attractive. The eye of the visitor notes disorder very quickly.
Don't keep on telling what you are going to do—but point out what you have done.
Inland Poultry has sustained a great loss in the death of its editor, Thomas W. Pottage.
At this time of the year the houses should be disinfected and the interior whitewashed.
If you have a complaint to make, remember that best results are obtained by a polite statement.

The best drinking fountains are those that are so constructed that the inside can be readily washed.

The scratching-shed house is of less importance than claimed for it if you fail to keep the floor deeply littered.

Level-headed editors and judges see nothing but good in the utility cause. "Coming events cast their shadows before."

Can utility and fancy really be combined? Can a man successfully carry water on two shoulders? Can he honestly serve two masters?

The changeable and disagreeable weather we had in February and March gave the hens a set-back, and all sorts of complaints about poor fertility, lack of broodiness, etc., come from all sections.

Rush Vaughan, in *Farm-Poultry*, says: "Verily, utility men have a field, and they had better stick to it, and cultivate it thoroughly. Leave the fancier alone with his playthings, and neither envy nor try to imitate him."

In order to properly fumigate the poultry house, writes K. L. Shellberger, put into burning sulphur a pound of old tobacco leaves, or a piece of common resin twice as big as an egg, and close the house perfectly tight. In-

SINGLE COMB WHITE LEGHORNS, prolific laying strain. Eggs per 15, \$1.50.
G. M. BIXBY, Lock Box 28, Elma, Erie Co., N. Y.

BARRED ROCKS, Hawkins strain; \$1.50 for 15 eggs. I warrant 10 chicks.
WM. WALLACE, V. S., Medway, Mass.

W. W. EGGS; 15, \$1; 30, \$1.75; 60, \$3. Norton laying strain. P. Duck same price, Rankin strain. Golden Rule Poultry Farm, C. A. DUNLAP, Falmouth, Me.

UTILITY POULTRY FARM

Yes, that is the name; don't you think it is a good one? What are we doing? Taking care of over 400 chicks, hatched from my utility strain of B. P. Rocks and S. C. WHITE LEGHORNS, which lay lots of eggs during the winter months, and the rest of the year. Practical stock, not inbred. Will sell you some of the same eggs as above, for \$1.00 per setting. Satisfaction guaranteed.
FRANK A. D. BULLARD, Segreganset, Mass.

Some People Don't Care

What they pay local dealers for

Poultry Netting.

You and Your Neighbors can Save Money on Poultry Supplies.

We Offer Special Discounts for early orders. We pay the freight and ship from Colchester, New York, or Chicago. Write today for our price list.

CASE & COMPANY, 46 Main Street, COLCHESTER, CONN.
N. E. Agents for M. M. S. Poultry Fencing.

M. M. S. POULTRY FENCING

is made of the best No. 19 galvanized steel wire, strengthened by a cable selvage and a cable every foot to the height of the fence.

A FENCE, NOT A NETTING.

Its multitude of horizontal wires gives it strength, makes it easy to erect, keeps it in good shape.

50 PER CENT SAVING TO THE USER.

It requires but a few posts and no top or bottom rail. Only genuine when every roll contains the famous M. M. S.

Trade Mark. Descriptive matter FREE.
DE KALB FENCE CO.,
826 High Street, DeKalb, Illinois.

sects cannot live in this kind of atmosphere.

Don't plan for the largest poultry farm on earth—work for profits. A Ham-monton broiler raiser some years ago built himself poor in endeavoring to get a larger brooding house than any in this country. The plant has been practically idle ever since for want of working capital.

Of all the leading industries of rural life, says *Cotton Planter's Journal*, there are none so interesting, so pleasant or so profitable, as that of poultry raising. The universal interest taken today in this branch of agriculture, speaks of its importance as a great factor in our national wealth.

Plaster of Paris is said to be sure death to rats, says *Fanciers' Review*. Mix a little with double the quantity of cornmeal, and the rats will eat it all. After the plaster absorbs the juices of the stomach it "sets," and the rat has an attack of indigestion which is positively fatal.



THE WINTER LAYER

will need a stimulant when the weather gets cold and everything is covered with snow. The very best stimulant known for egg production is

Pioneer Clover Meal

It is finely ground clover hay which has been carefully cured so as to preserve its natural green color and aroma. It is ground by our special made machinery and packed in new sacks. Prices, 50 lbs. \$1.00; 100 lbs. \$2.00; 5 lbs. 25c. Send for FREE sample book; endorsed by all leading poultry editors.

THE BENNETT & MILLETT COMPANY,
Box 11, Gouverneur, N. Y.

1st Cock, 1st Hen, 1st Pullet,

and one special for best Buff Rock cock, on three entries at Newburg, January, 1899. We breed Buff Plymouth Rocks only. Eggs, 1.50 per 13; \$2.50 per 26.
FORD BROS., Oak Hill, N. Y.

90 varieties choice Poultry, Eggs, Pigeons and Hares. Natural colored 60-page book to above, and numerous information, for only 10c. Handsome price-list free. J. A. BERGEY, Telford, Penna.

OTTER CREEK POULTRY FARM, Vergennes, Vt. Light Braunas, B. P. Rocks and W. Wyandottes; brown eggs and bred for business. Eggs that will hatch, 15 for \$1; 60 for \$3; 100 for \$4.

GILT EDGE FARM

Mammoth Bronze Turkeys,
White Wyandottes,
Black Minorcas,

B. P. Rocks and Pekin Ducks. Eggs, \$1.50 to \$2.00 per setting. New Book, "Practical Poultry Culture," 144 pages, 35 cents, post-paid. Thirteenth Annual Cat., free. R. W. DAVISON, Box 10, Glendola, N. J.

CUT CLOVER in sacks. \$1.25 for 100 pounds
J. G. QUIRIN, Tioga Center, N. Y.



Make Hens Lay

When eggs are high. You can do it. This Priceless Secret of Success with Poultry is fully told in our New Poultry Book. It also contains a Monthly Egg Record and Poultry Keepers Expense Account for one year, by which profit and loss can be shown monthly (well printed on good heavy paper) worth 25 cts. It also explains Prof. Corbett's method "How to make \$500 yearly profit with 12 hens," for which he charges \$1. Also much additional information of great value to every poultry keeper. This book sent free, post-paid, as premium with our Paper (Gleanings) three months for 10 cents. Address,
H. P. K., Wayside Pub'g Co., Clintonville, Conn.

Texas *Farm and Ranch* says the desire for great weight in fowls, fostered by the standard, is, we think, progress in the wrong direction. Overgrown fowls are not better than those of normal size in any particular. The breeding and care and selection designed for increasing size would be better devoted to the development of laying qualities and table quality, instead of quantity. Sprightliness and activity are better than lubberly size in fowls or men.

Poultry droppings are an excellent fertilizer for the garden, but the custom of mixing this substance with wood ashes is wrong; it dissipates the ammonia, and thus reduces the manurial value, says Texas *Farm and Ranch*. A little salt mixed with the droppings keeps the mass in better condition than when left to dry thoroughly. The substance should be applied to the soil as fast as gathered, so that the strength may be carried into the ground by the rains, instead of being "wasted on the desert air."

"Is there much poultry left in cold storage in this city?" asked a *Rural New-Yorker* representative of a leading New York commission merchant. "No, it is pretty well cleaned out. There is little now in the refrigerators for the time of year. If there were, the present higher prices would draw it out, as there would be no inducement for keeping it longer." The poultry market is in pretty good shape, and with accumulations well cleaned up, the prospect for the coming crop seems pretty good.

Here's sound logic by the *Reliable Poultry Journal*: Be in earnest! It is the royal road to success in "poultry keeping for profit." Work is what counts—earnest, persistent, intelligent work. Be in earnest and you will succeed! Know what to do, then do it with your might. This will change failure into success, and bring happiness, contentment. The poultry business is not boy's play. Keeping poultry for profit is no longer a mere pastime. For thousands of worthy people it is a means of livelihood, a matter of bread and butter.

P. W., Hanover, N. J., asks: "What do you think of a cement floor for a hen house and scratching shed? Would it be too cold? The rats get in the gravel and pull the dirt out from under the sills." A cement floor would undoubtedly keep out the rats, but a cheaper and better plan is to lay down half-inch wire mesh and cover over it a foot of dirt—sand would be better. This will make a rat-proof floor, and we believe will give better results than would a cement floor.

The April issue of *Ohio Poultry Journal* contains a large portrait of that "great and only" Robert Angus Braden, who has lately thrown off the editorial harness and gone into retirement. There are very few poultry editors who can afford to retire, but then there are very few Bradens in this world! The photo is excellent. Braden's history is good. He won laurels on the field of battle during the civil war; he enjoyed the distinction of city editor on two daily newspapers;

he was defeated for public office; he entered the poultry ranks and built up the *Ohio Poultry Journal* to the top notch of success—and now, at 60 years of age, he retires to a life of ease and luxury. He deserves it all. "What are the prospects for capons?" I asked Mr. De Noyelles of the West Washington market. "The prospect is good now, and prices are higher. The supply from New Jersey is about exhausted, and this gives the western men a better chance." "Are the New Jersey capons better than those received from the west?" "Yes, they are considerably better." "What is the cause of this, breed or feed?" "Probably more in the feeding and handling than anything else. The eastern men have been at the business longer, and understand better the producing of good birds; but the western men are gaining at this, and we now get some from the west that are about as fine as any that are produced in the east. All poultry just now is higher in price, and the market is well cleaned up, so that that, probably, accounts partially for the advance in price."—F. H. Valentine, in *Rural New-Yorker*.

Wh. Wyand., W. P. Rocks and R. I. Reds. Brown eggs from prolific winter layers at \$1.00 per 15. White Wyandotte eggs, \$4.00 per 100. C. A. SANBORN, 42 Fairmont St., Malden, Mass.

WHITE WYANDOTTES. Best of layers. Eggs, \$1.00 per 15; \$2.50 per 39. Guaranteed 75 per cent fertility. E. SCHAAP, Box 121, Woodbury, N. J.

Berwick Farm—Buff Leghorns, Buff Wyand., Wh. Wyand., Ind. Games. Our strain have won prizes in England and America's greatest shows; prolific layers; egg order book now open. Norwich, N. Y.

Lawrence Poultry Yards.

Eggs for Hatching from E. L. Miles and E. B. Thompson's strains Barred Rocks. Northup and Garland strains Bl. Minorcas. \$1.25 per 15; \$2.50 per 30. J. C. GOLDING, Lawrenceville, N. J.

Established 1855.

BENNETT, RAND & CO.,

Commission Merchants,

POULTRY, GAME, BUTTER, EGGS, Etc.

Nos. 19 and 20 North Market Street,
and 19 Clinton Street, BOSTON, MASS.

KLINE'S BUFF ROCKS. Winners at Mt. Gretna, Buffalo, Madison Square Garden, Washington, Hagerstown, Johnstown, Kansas City. Four Gold Specials and Silver Cup. Eggs, \$2; three settings, \$5. Box 308 H. Frank Kline, Spring City, Pa.

Heavy Laying

S. C. BROWN LEGHORNS
and **PEKIN DUCKS.**
Farm-raised thoroughbred stock, bred for eggs only. \$1.50 per sitting; two sittings, \$2.50. Breeders for sale after June. F. CHRISTMAN, Sellersville, (Bucks Co.,) Pa.

A PRESENT

For your Wife, Sister or Best Girl.

To introduce my stock, a large package Plush pieces (for fancy work) free with every order. Eggs, Pekin ducks, \$1.00 per 15. Eggs, B. P. Rocks, \$1.00 per 15. A few choice Cockerels at \$1.00 each. C. H. HARDEN, Jr., McConnellsville, N. Y.

EGGS REASONABLE—From THOROUGHBREDS

90c. for 15, (From Wh., Buff and Bd. P. Rocks
\$1.75 for 30, Wh., Golden and Bl. Wyandotte,
2.50 for 45, Lt. and Dark Brahmas, Wh. and
4.00 for 75, Black Minorcas, Red Caps, S. S.
5.00 for 100, Hamburgs, S. C. Brown, Buff and
Wh. Leghorns, R. C. Wh. Leghorns, Red P. Games,
Houdans and Pekin Ducks. Also \$1.50 for every 15
eggs from Sherwoods, Wh. Wonders, Wh. and Cornish
Ind. Games, Bl. Javas and Am. Dominiques.
Fertility guaranteed. See our catalog; it's free.
Stock for sale at \$1.50 to \$5.00 each. Order remitting
by Post Office Order, or write your wants.
BROOKSIDE PLTY. YARDS, Nelson, Pa.

Up-to-Date Farming gives this advice: Breed thoroughbred stock, sell eggs for hatching, sell breeding stock, raise and sell earlier broilers, raise turkeys, ducks, geese and chickens enough so you will have a good lot to dress and ship to market in the winter, when prices are good, and if you wish ornamental poultry do so, as these always bring good prices, and, above all, have a larger number of laying hens at work all winter, and keep them at it. If you can handle the business properly do not be afraid of overdoing it, for you may increase as much as you please and then you could sell twice as much as you could raise. If you find that you have a surplus of eggs for hatching, or of your breeding stock, all that is necessary to convert them into cash at your price is simply to have them choice. If you find your business growing, increase your facilities and add to the establishment every year.

Northup's Minorcas

NORTHUP'S 1899 Minorea Catalogue, the most complete ever published in descriptions, prices, 1000 winnings, new pictures of buildings and fowls. Contains much information fully indexed under 60 headings. Rose and Single Comb cocks, hens, cockerels and pullets at bargains. GEORGE H. NORTHUP, Box 15, Raceville, N. Y.

White P. Rocks

First Prize Winners wherever shown. Pure white, yellow legs, low combs, Rock shape. Eggs \$2.00 for 15. Satisfaction guaranteed. Headquarters for Poultry Foods and Supplies of every description. Illustrated catalogue of Poultry Supplies sent free. I. F. Schott, Box 194, New Pittsburg, Wayne Co., Ohio.

Over \$14 Per Head

Actual profit on a pen of **White Wyandottes**, as explained in January *A Few Hens*. Eggs for hatching (from stock that averaged 180 eggs each the past year) \$1.50 per sitting. Address, C. K. NELSON, Hammoncton, N. J.

I. K. FELCH & SON,

Box K, Natick, Mass.

Light Brahmas, Plymouth Rocks,
and White Wyandottes,

—BRED ON PRACTICAL LINES.—

Standard Points and Egg Records Combined.
Enclose stamps for 24 page catalogue.

Dulany & Branin,

(Successors to Haines & Branin,)

Commission Merchants,

Philadelphia Poultry; Broilers, Roasters, Fancy Capons, Squabs and Eggs.

Nos. 41, 43 and 45 Hewitt Avenue,
West Washington Market, NEW YORK CITY.

Rose Comb Buff Leghorns.

Good winter layers. Eggs for hatching, \$2.00 per 15. C. THIEME, Palos, Illinois.

HARDY, Northern farm-raised White Wyandottes, Barred Plymouth Rocks and Black Langshans, from best strains. Bred for good layers and choice meat. Eggs, \$2.00 for 40. Stock for sale. BIRCHMEAD YARDS, North Dunbarton, N. H.

INCUBATOR EGGS

from pure-bred White Wyandottes, \$3.00 per 100, SILAS DEAN, Oak Hill, N. Y.

EGGS from the following varieties—15 to setting. S. C. B. Leghorns, Kulp and Wittman strains, 75c. Wh. Wyandottes, Dutton's strain, 75c.; E. B. Thompson's Ringlet Bd. Rocks, \$1.00. All good pens. Bd. Rock Cock, 10 lbs. Daniel O'Neil, Bloomsburg, Pa.

50,000 TREES \$6.00 per hundred and up. Address, LAWRENCE NURSERY CO., Lawrence, Mass.

Our Market Report.

An Accurate Account of the Highest, Lowest and Average Prices for the Best Market Stock, Paid During the Month of March—Goods Not up to the Standard Received Proportionately Less.

NEW YORK.

Furnished A FEW HENS by Dulany & Brantin, 31 Hewitt Avenue, New York City.

	Highest,	Lowest,	Av.,
Fresh eggs.....	32	12 1-2	19
Philada. Roasting Chickens, 17	19	17 3-4	
Broilers.....	60	25	36 3-4
Fowls.....	13	12	12 4-5
Ducks.....	16	14	15
Turkeys.....	18	15	17
Capons.....	23	20	21 2-3

PHILADELPHIA.

Furnished A FEW HENS by Philip Quigley, 303 South Front St., Philadelphia, Pa.

	Highest,	Lowest,	Av.,
Fresh Eggs.....	30	12	16 1-4
Hens, live.....	13	10	11 1-4
Hens, dressed.....	13	10	11 1-2
Roasting Chickens, live....	13	10	11 1-9
Roasting Chickens, dressed	13	11	12 1-2
Old Roosters, live.....	8	6	7 1-5
Old Roosters, dressed.....	8	7	7 1-2
Broilers.....	20	15	18 1-2
Capons.....	18	14	16 1-4
Capons, slips.....	14	11	13
Ducks, live.....	12	10	11 1-4
Ducks, dressed.....	11	10	10 1-4
Geese, live.....	11	9	9 1-2
Geese, dressed.....	9	8	8 1-3
Turkeys, live.....	12	10	10 1-2
Turkeys, dressed.....	14	12	13 1-2

BOSTON.

Furnished A FEW HENS by Bennett, Rand & Co., 20 North Market St., Boston, Mass.

	Highest,	Lowest,	Av.,
Eggs, nearby and Cape	28	15	19 1-2
Eggs, Eastern,	28	13 1-2	18 1-3
Eggs, Vt. and N. H.....	28	13 1-2	18 1-3
Eggs, West'n, selected fresh	28	13	17 1-6
Eggs, Southern	27	13	17 1-3
Eggs, Refrigerator			
Eggs, Lined.....			
Eggs, Duck.....	30	27	28
NORTHERN and EASTERN.			
Chickens, dressed.....	18	18	18
Chickens, live.....	8	8	8
Fowls, dressed	13	13	13
Fowls, live.....	12	10	11
Roosters, live.....	7	6	6 2-5
Ducks, dressed.....	10	10	10
Geese, dressed.....	10	10	10
WESTERN DRY-PACKED:			
Turkeys, drawn.....	13	13	13
Turkeys, undrawn.....	12 1-2	12 1-2	12 1-2
Turkeys, old toms.....	10	10	10
Turkeys, heavy.....	11	11	11
Chickens.....	12	12	12
Fowls.....	12 1-2	10 1-2	11 1-2
Ducks.....	10	10	10
Geese.....	9	9	9
Old cocks	8 1-2	7	7 2-3
Capons, large.....	17	14	16 2-5
Capons, small and medium	14	12	13 1-5
Capons, slips.....	11	10	10 1-2

BUFF P. ROCKS. Four years' trial has proven them extra fine layers; from pens mated to produce layers. Eggs, \$1.00 per 13. F. C. FITCH, Wilton, N. H.

How Many Eggs can we get, and how many fine birds can we raise in a year, is our "llobby." We will help you do the same. Barred and White Plymouth Rock eggs \$4.00 per 100; 15 for \$1.50. Send for circular. HERBERT ESTY, Creston, Ind.

BUFF Wyandottes

EGGS from healthy, vigorous, prolific stock, \$1.50 per dozen. Mrs. M. E. BURNHAM, Calhoun, Ga.

CHILD'S WYANDOTTES SILVER AND WHITE.

WM. H. CHILD, . . . HATBORO, PA.

CHICAGO.

Furnished A FEW HENS by the Sprague Commission Co., 218 So. Water St., Chicago, Ill.

	Highest,	Lowest,	Av.,
Eggs, Duck	20	20	20
Eggs, Goose.....	50	50	50
Eggs, fresh.....	19	11 1-4	13 1-4
Chickens, hens, scalded....	10	9	9 1-2
Chickens, hens, alive.....	10	8 1-2	9 1-3
Chickens, frozen stock....	10 1-2	9 1-2	9 2-8
Spring chickens, scalded..	10 1-2	9 1-2	10 3-8
Spring chicks, dry-picked.	10	9	9 1-2
Spring chickens live.....	10	9	9 1-2
Broilers.....	13	13	13
Capons.....	15	13	14 1-2
Capons, slips.....	12	10	11
Roosters, old, live.....	6	5	5 1-2
Roosters, young, live.....	6	5 1-2	5 3-4
Roosters, dressed.....	6 1-2	5 1-2	6 1-3
Ducks, live.....	10	8	9
Ducks, dressed.....	11	9	9 3-4
Geese, live, frozen.....	\$5	\$5	\$5
Geese, dressed.....	9	8	8 1-2
Turkey hens, dressed.....	13	11	12
Turkey hens, live.....	10	7 1-2	9
Turkey gobblers, y'n'g, dr	11	9 1-2	10 1-3
Turkey gobblers, dressed..	8	8	8

INCUBATORS.

Gold and Silver Medals.
Blue and Red Ribbons.
Diplomas and Sweepstakes.

Our 1898 catalogue tells you all about the world's greatest Incubators and Brooders. Send for one. All machines warranted.

PRAIRIE STATE INCUBATOR CO.,
HOMER CITY, PA.

All for One Dollar!

Profitable Poultry Farming, retail, - - 25 Cents.
A Living From Poultry, " - - 25 "
Broilers for Profit, " - - 50 "
Farm-Poultry Doctor, " - - 50 "
A Few Hens, monthly, one year, - - 25 "
Total, \$1.75.

By ordering at once will send the above collection for \$1.00. Address,
MICHAEL K. BOYER,
Box A, HAMMONTON, (Atlantic Co.,) New Jersey

The Best is None Too Good for the Poultryman.

MICHIGAN POULTRY FARM

has hundreds of high-grade Breeding Birds for sale at prices you can pay. Barred, White and Buff Plymouth Rocks, White Wyandottes, Light Brahmas, Leghorns, Black Leghorns, Buff Cochins, Pekin Ducks. Eggs that will hatch at popular prices. Send 4c for 100-p. Poultry Annual and Catalogue, "Everything for the Poultry Yard." Worth dollars to poultrymen.

GEO. J. NISSLY,
17 Adrian Street.
Saline, Mich.
Established fifteen years.

ANGORA Kittens of pure blood; several colors; \$4.00 each. MAPLEMONT STOCK FARM, Albany, Vt.

STANDARD and business bred White Wyandottes and B. P. Rocks; eggs, \$1.00 per 15; \$1.75 per 30. T. B. BURDICK, Little Genesee, N. Y.

9 Pullets and Cockerel, "Nesmith's" Black Langshans, \$10.00; speak quick. Bantam Incubator cheap. SUMNER JOHNSON, Deering Centre, Me.

PEKIN Ducks that are right. Eggs—12, \$1.50; 100—\$8.00; guaranteed fresh and fertile. W. H. Fordham, Seawanhaka Poultry Farm, Speonk, L. I., N. Y.

TREICHLER'S Poultry Farm, Offers S. C. W. Leghorn and White Wyandotte eggs from utility and beauty stock, at \$1.00 per 15; \$3 per 50; \$5 per 100. Fertility guaranteed. C. F. Treichler, Sanborn, N. Y.

PEERLESS LEG BANDS, POULTRY PRINTING Circulars and sample leg band free. Get my prices on up-to-date printing. "Peerless Leg Bands" STAY ON AND STAY BRIGHT. They are made of Aluminum. Price postpaid, 12, 30c; 25, 50c; 50, 75c; 100, \$1.25. State bred. B. F. Huntington, Platteville, Wis.

For Sale. Eggs, Wh. Minorcas; America's best premium stock, \$1.50 per 15. Address, THEO D. TERRY, Jamesport, Long Island, N. Y.

WHITE P. ROCKS and **WHITE WYANDOTTES** of the finest quality. Three regular prizes and one special, Boston, 1899. Great laying strains; brown eggs. \$1.50 per setting. H. A. NOURSE, Box 1607, Barre, Mass.

WILL EXCHANGE

My select flock of **White Wyandottes** and **50-Egg Incubator** for thoroughbred Pigs. These fowls I kept as breeders before I decided to go out of the business. J. A. Goodwyn, Jr., Elberon, N. C.

THE ONLY ONE

Pike's Lice Destroyer is the only lice killer that is sold on a guarantee to kill lice and mites or money refunded. It is no trouble to use it as the liquid is sprinkled on the roosts and kills the vermin while the poultry sleeps.

Pike's Lice Destroyer, per gallon can.....\$.75
Crushed Oyster Shells, per 100 lb. bag..... .75
Mica Crystal Grit, per 100 lb. bag..... .75
Ground Bone, per 100 lb. bag..... 2.00

Much lower prices for larger quantities. Agents wanted. Send for descriptive circulars.

Ship us POULTRY AND EGGS

Your **SPRAGUE COMMISSION CO.,**
218 South Water St., Chicago.

BROWN LEGHORNS; winners at PITTSBURG. Our hens laid well with mercury 30 below zero. Eggs \$1.00 per 13. ZUNDEL BROS., Grapeville, Pa.

\$1.95 each, is the price of my new Lucky 50-chick Brooder, complete for use. Address, C. V. LOCKWOOD, Hurley, N. Y.

EGGS FOR HATCHING from great layers. My breeding yards, containing on an average of 72 birds, have layed during Jan., Feb., and March, 3,636 eggs. They are also high scoring birds. Eggs from these pens \$1.50 per 15; \$2.50 per 30. Fair hatch guaranteed. Black Langshans, White Wyandottes and Buff Leghorns. JOS. NOSS, New Castle, Pa.

EXCLUSIVELY

Hunter's strain **BARRED PLYMOUTH ROCKS.** Bred for utility as well as fancy; strong, vigorous stock, carefully mated. "Our motto" Honorable Dealing. Eggs \$1.00 per 13. CHAS. PETERSON, No. 85 Smith Street, Perth Amboy, N. J.

BUFF PLY. ROCKS

of the celebrated Nugget strain; bred to win in the show room or egg basket. Can fill a few more orders at \$1.00 per 13. H. F. KEGARIES, Roaring Spring, Pa.

LICE ON HENS,

Plants, etc., destroyed in a few seconds with my apparatus. My Grit machine crushes any kind of grit fine enough for the youngest chickens. Drawings and instructions for either one of the two, 20 cents. Directions for making Dusting Powder, free with apparatus. Drawings for a Self Opening and Closing Nest, free with either of the above drawings. A. R. LORENZ, Box 272, Lancaster, Erie Co., N. Y.

People We Know.

Facts and News Gleaned Especially for A FEW HENS About People We Know.

The Ohio Poultry Journal looks prim in its new dress.

J. P. Heck, Pittsfield, Ills., advertises plans to make what he calls a "Natural Hen Incubator." Meserole's Microcide Cholera Cure is manufactured by B. B. Buffum, Susquehanna Co., Pa. The Dalton Pottery Co., Dalton, Ohio, are offering a poultry fount on the style of a jug with a handle.

The name 20th Century Manufacturing Co., St. Louis, Mo., has been changed to the Woods Egg-Holder Co.

Louis W. Mittendorff, Lincoln, Ills., is one of the most successful breeders of Buff Plymouth Rocks in the west.

"Hints to Poultry Shippers" sent upon application to Sprague Commission Co., 218 South Water street, Chicago, Ills.

D. W. Babcock, Edgewood Nurseries, Cromwell, Conn., has just issued a circular giving bargains in fruits and flowers.

The Western Garden and Poultry Journal, Des Moines, Iowa, has a new and very pretty cover page—a credit to any artist.

The National Rural and Family Magazine, Chicago, Ill., turned their February 2d issue into a special farm-poultry number.

The Elliott Paper Box Co., 463 Atlantic avenue, Boston, Mass., manufacture a superior basket for shipping eggs for hatching.

W. B. Davis, Haverhill, Mass., is advertising his celebrated Blue Barred Plymouth Rocks in a very neat and attractive circular.

The American Incubator Company are now successors to the Von Culin Incubator Co., Delaware City, Del., and are incorporated.

The Standard Green Bone and Vegetable Cutter Co., Milford, Mass., manufacture nine different sizes of machines, ranging from \$6.75 to \$29.50.

W. Theo. Wittman, the Brown Leghorn specialist, Allentown, Pa., will tell you all about his business, in an interesting leaflet, by writing him.

THE LUCKY 13 EGGS, \$1.00. White Wyandottes, White and Barred Plymouth Rocks. MAPLEMONT STOCK FARM, Albany, Vermont

WHITE Leghorns, Barred Rocks, early maturing business birds, \$1.50 for 26 eggs. Large Pekin Ducks, \$1 sitting. R. R. SHULL, Heuderson, Md.

PEKIN DUCK EGGS from Pollard's deep keeled strain, \$1.00 per 12; \$2.00 per 30. J. A. JOHNSON, Briggs Corner, Attleboro, Mass.

THE RECORDER NEST BOX. Do you want your 200-egg bird, and the egg? Do you want your earliest layers, your infertile egg layers, and your egg eaters? If you do, write for circular. W. M. LLOYD, Tuckahoe, N. Y.

Barred Plymouth Rocks, Light Wt. Light Brahmas.

We breed birds fit for any show in the land, and none that do not possess high practical merit as regards early maturity, prolific laying of brown eggs, and fine market poultry. Eggs, \$1.00 per 13; \$5.00 per 100. E. D. PAGE, North Hermon, Maine.

AMERICAN TRAP NEST BOX.

Simple and practical. Plans \$1.00. By its use my S. C. White Leghorns produced 207 eggs per hen in 1898, and won this season 8 prizes at Madison Square, N. Y., and Danbury, Ct. Eggs, \$2 per 15. Circular free. J. H. WOODHEAD, Pleasant Poultry Yards, Box 226, Leicester, Mass.

WHITE WYANDOTTES, GOLDEN EGG STRAIN.

I own "Golden Egg" whose eggs—prize Boston, '98—weigh two lbs. dozen, and are the richest brown. Also 9 of her daughters which I will match against any 9 Wyandottes in U. S. for number and weight of eggs in a year. A lot of other good hens and layers. Eggs, \$2 per sitting; three for \$5. All from the daughters, \$2.00 straight.

WM. E. SARGENT, Lancaster, Mass.

D. LINCOLN ORR, Box 9, ORR'S MILLS, N. Y.

WHITE WYANDOTTES, BARRED PLYMOUTH ROCKS, WHITE INDIAN GAMES, W. C. BLACK POLISH, LT. BRAHMA BANTAMS.

Stock and eggs for sale. Send for catalogue. If you want CLEAR GRIT, OYSTER SHELLS, or any poultry supplies, write me, I answer all letters.

There is no better insect destroyer than tobacco dust—and there is no better party to secure it from than W. Hahman, Allentown, Pa. Look up his advertisement.

Horace M. Deal, Bucyrus, Ohio, is the manufacturer of the Eureka oil cup bracket and perch support, which makes it impossible for lice to reach the hens at night.

The Fanciers' Favorite package for carrying eggs for hatching, manufactured by the Woods Egg-Holder Co., St. Louis, Mo., has been improved by having a handle attached.

The 1899 catalogue and egg record sent out with the compliments of W. H. Scovil, East Lebaun, Maine, breeder of Buff Plymouth Rocks, is a good one. It is worth having.

"Gregory's Feathered Tribe" is the title of a quarterly gotten out by Ira Gregory, Fifer, Mclean county, Ills., to advertise Plymouth Rocks, Bronze Turkeys, Pea fowls, Ducks, etc.

On the Barr's Peach Hill Farm, West Alexander, Pa., Barred, Buff and White Plymouth Rocks and White Wyandottes, besides water fowls are raised. Write them for circulars and particulars.

The Vivine Chemical Co., 53 Cornhill, Boston, Mass., have issued a small booklet entitled "Poultry Keeping and How to Make it Pay." Drop them a postal for it, and say A FEW HENS told you so.

Through the courtesy of the Poultry Monthly, Albany, N. Y., A FEW HENS received one of the Feathered World's (London, England) fine calendars. It is an excellent specimen of color work, and true to nature.

A. F. Ray, Amherst, Mass., is a breeder of Buff Plymouth Rocks that command attention. Mr. Ray has some of the best blood in the country in his yards, and those wishing good stock should note his advertisement.

"Hints to Poultry Shippers and Breeders" is a booklet that will be sent to A FEW HENS' readers by the Sprague Commission Co., 218 South Water Street, Chicago, Ills., if they mention this paper when writing.

The Monitor Incubator Co., Moodus, Conn., have just issued a new catalogue which deserves recognition. Those in search of information regarding incubators and brooders should write at once for catalogue as above.

Victor D. Caneday's pedigreed strain of White Plymouth Rocks are bred both for utility and beauty. Mr. Caueaday's address is Taylors Falls, Minn., and he will be pleased to send his annual calendar to all interested.

The office of the Southern Poultry Journal, Dallas, Texas, was visited by fire, totally destroying everything but the books. The sympathies of A FEW HENS are with Editor McReynolds who has had of late so many crosses to bear.

D. A. Mount, Jamesburg, N. J., won two first prizes at New York show on White turkeys, and two firsts and Specials at Boston. Mr. Mount has extra fine stock in turkeys, and our readers had better correspond with him.

The Lynnhurst Poultry Yards, of Glassboro, N. J., has become famous for its Buff, Partridge, White and Black Cochins, as well as bantams of those varieties. The office of this firm is located at 493 Provident Building, Philadelphia, Pa.

A. E. Felch seems to be surprising the poultry world in general by the business-like tact he displays in discharging his duties as assistant secretary of the American Poultry Association. It don't surprise us, for we know the amount of hustle in Arthur.

Langshans are second to none as winter egg producers. They lay a brown egg that just about meets the ideas of the brown egg fanciers. C. I. Drownie, Sandown, N. H., has stock and eggs for sale of this variety at prices that will give satisfaction.

James M. Smith, Perkiomenville, Montgomery county, Pa., breed eighteen leading varieties of poultry, including turkeys, ducks and guineas. His yards are stocked with some excellent specimens, and we would advise those interested to write him at once for catalogue.

The "utility farm of the age" is a claim made by the Plainfield Poultry Farm Co., Plainfield, N. J. (S. B. Corby, manager). The capacity is 50,000 birds per year. The specialties are Single Comb White Leghorns, White Plymouth Rocks, Barred Plymouth Rocks, and Pekin ducks.

The Egg Record and Account Book, published and for sale by H. A. Kuhns, Atlanta, Ga., is about the most complete work we have yet seen. It is a complete system of poultry book keeping, and we do not hesitate to recommend it to our readers. Price 25 cents per copy. See address above.

A copy of Frank Kline's Poultry and Pigeon Catalogue has been received, which tells all about Mr. Kline's superior Buff Plymouth Rocks. This breed is especially recommended for eggs and table purposes. Mr. Kline is highly recommended for first-class stock

and honest dealings. Write him for catalogue, addressing Box 308H, Spring City, Pa.

Wm. H. Child, late of Glenside, is now located at Hatboro, Pa., where he will be better fitted to do a larger business in his White and Silver Wyandottes. Mr. Child is well known to the readers of A FEW HENS, and those who have dealt with him are loud in their praise of the satisfactory dealings they have had. A FEW HENS can faithfully commend Mr. Child and his stock to its readers.

D. A. Mount, proprietor of Pine Tree Farm, Jamesburg, N. J., writes: "I lately received an order for five White Wyandottes (four females and one male) and two Pekin drakes, from British Columbia. The writer says: 'It is through Uncle Mike Boyer that you get this order.' Thanks for the business. Have just received an order for a pair of turkeys to go to Africa—quite a long trip."

F. A. P. Coburn, proprietor of the Spindle City Poultry Yards, 759 Stevens street, Lowell, Mass., is a progressive and wide-awake poultryman. His specialties are Barred Plymouth Rocks and White Wyandottes. The editor of A FEW HENS has personally inspected his yards, and can assure our readers that what Coburn sells will be right. Each year he aims to improve, and his plant is a hive of industry.

W. R. Curtiss & Co., Ransomville, N. Y., write us that they have sold all their remaining stock of Single Comb White Leghorns to W. H. Warren, of that place, and that they are a fine lot of birds. Mr. Warren will be represented in our advertising columns, and the Messrs. Curtiss endorse him as being a good, practical poultryman, honest, and that he will breed this one variety exclusively for both practical and fancy.

C. C. Shorb, McDaniel, Md., is determined that his customers must be pleased, and anything not satisfactory shall be made so. In his general merchandise business he aims to please his customers, for he finds that a pleased customer invariably returns. He breeds business fowls, and his advertisement of Barred Plymouth Rocks, Indian Games and Pekin ducks show plainly that he has the best blood, for which he asks the lowest prices.

COBURN'S
Barred Plymouth Rocks
and White Wyandottes

Are beauty and business combined.

EGGS FOR HATCHING

from fourteen of the finest pens we ever mated. Send for our new circular; also catalogue of matings for 1899.

F. A. P. COBURN,

E-759 Stevens Street, Lowell, Mass.

WE GUARANTEE YOU

11 Fertile eggs for \$1.50 { FROM OUR
22 Fertile eggs for 2.50 { IMPROVED
50 Fertile eggs for 4.00 { PEKIN DUCKS.
100 Fertile eggs for 7.00

No Pig in the Poke about that. B. P. Rocks, lay with the best in the land, 13 eggs, \$1, 100, \$5. One set. Dux and Rox for \$2.00.

MARYBROOK RANCH, Fanuetsburg, Pa.

OUR WHITE WYANDOTTES are bred for business. Great brown egg layers. \$1.00 for 15. GEO. H. BROWN, Whately, Mass.

S. C. White Leghorn Layers

Good, last spring hatched, at \$1.00 each. S. C. W. Leghorn, W. Ply. Rock, W. Wyan., W. Coch. Bant. and Pekin Duck eggs, \$1.50 per setting. Fine stock. A few birds for sale. Tobacco Dust and Lime-Stone Grit. Wm. HAHMAN, Box 3, Altoona, Pa.

Heavy Laying

Single Comb Brown, White and Buff Leghorns, Black and White Minorcas; Barred, White and Buff Plymouth Rocks; S. S. Hamburgs; White and Golden Wyandottes; W. F. B. Spanish; Rose Comb Buff Leghorns; Pearl and White Guineas; P. Ducks. Eggs, \$1 per 15; \$3 per 60; \$5 per 100.

Bronze Turkeys, headed by 50 pound Tom; eggs, 25 cents each. Look up my show record.

JAMES M. SMITH,

PERKIOMENVILLE (Montg., County), Pa.

P. S. Incubator eggs from good stock B. P. Rocks and S. C. Br. and Wh. Leghorns, \$3.00 per 100; \$5.00 per 200. Send P. O. Money Order or Reg. Letter.

At the New York show over 2,000 chicks were hatched and brooded, and old poultrymen were enthusiastic over the strong, healthy stock turned out by the Cyphers incubators. The Cyphers Catalogue and Magazine of Poultry Culture is a work of art, containing more useful information for the world than any book of its kind ever before issued. It can be had by sending 10 cents to the Cyphers Incubator Co., Wayland, N. Y., and mentioning A FEW HENS.

The Terrace Poultry Yards are located at Spring City, Pa., and devoted exclusively to White Wyandottes. The proprietor, Allen C. Roberts, believes in combining both beauty and utility. He claims that his Wyandottes are white, good shape and size, with an egg record that cannot be beaten. As an exhibitor Mr. Roberts has been very successful the past season, but in that our readers are not particularly interested. See advertisement in this issue.

Prof. Wm. E. Sargent, of Lancaster, Mass., forwarded A FEW HENS' Experimental Farm a sample sitting of White Wyandotte eggs, including an egg laid by his famous hen "Golden Egg" (of which we make reference on page 130 of this issue). They are a pretty brown, while that of "Golden Egg" is as rich a brown as any Brahma egg could be. For size and color they beat anything we have yet seen. Mr. Sargent is advertising in A FEW HENS, and we advise those interested to write him.

After one season's good test of F. P. C. Chick Manna, advertised in A FEW HENS, we are ready to say that for the first 10 days' food, it is the best we have yet tried. Mixed, or rather moistened with milk, it seems to "touch the spot," and the chicks thrive wonderfully upon it. It is no medicine—it is a food that stimulates, and the stimulation is of the proper kind. For full particulars write to F. P. Cassell, manufacturer, Lansdale, Pa., or their agents Johnson & Stokes, 217 Market street, Philadelphia, Pa.

MAPLE SUGAR and SYRUP, our own make. Tubs, cans, cakes or bottles. Standard weight and quality. Price according to quantity. **MAPLEMONT STOCK FARM**, Albany, Vermont.

FOR SALE.

Thoroughbred Rose Comb White Leghorn eggs for hatching. Greatest layers. Premium wherever exhibited. Price \$1.00 per sitting of 15 eggs. Address, T. D. TERRY, Jamesport, L. I., N. Y.

Barred Ply. Rocks.

Thoroughbred stock of well-known brown egg strains. Breeders carefully selected each year for various desirable qualities. Have bred Barred Rocks exclusively for four years. No stock for sale. Eggs, \$1.50 per 13; \$6.00 per 100. Satisfaction guaranteed. **P. B. METCALE**, No. 30 Laurence Ave., Roxbury, Mass.

STOCK and EGGS.

White and Buff Wyandotte, White Plymouth Rock and Black Langshans, Rouen and Pekin Ducks. Stock for sale. Eggs \$1.00 per setting. **A. P. BENSON**, Dedham, Mass.

WHITE WYANDOTTES

\$1.00 per 13; \$6.00 per 100, for eggs from same pens I hatch from for my own use. Their superiors are few, if you wish size, shape, color and laying qualities along with good looks. **Wm. F. Stroud**, Merchantville, N. J.

The Terrace Poultry Yards

WHITE WYANDOTTES
EXCLUSIVELY.

Beauty and Utility combined; winners at following shows in 1898: Mt. Gretna, Pa., Hagerstown, and West Chester, Pa., Washington, D. C. Stock is strong and vigorous; never had rump. Raised cockerels that weighed 9 to 10 lbs.; pullets, 6-12 to 7-12 lbs. Great layers; laid when 5 months old. Eggs, \$2.00, three settings, \$5.00. Visitors welcome. **ALLEN C. ROBERTS**, Spring City, Pa.

A Good Thing

In White Wyandottes, B. P. Rocks. Great layers, quick maturing, handsomely marked. Eggs, 15 for \$1.25; 30 for \$2.00; 100 for \$6.00. Eighty per cent. fertility guaranteed; usually ten per cent. higher. Our circular tells all about it. Write for it.

SPECIAL OFFER: B. P. Rock pullets, large, vigorous, yellow legged, laying heavily, six (6) lbs. or over, \$1.00 each; twelve for \$10.00.

MILES BROS., Spring Hill, Pa.

F. W. Breed writes that the late Chicago show had the "premier incubator and brooder display of the age." He was disappointed in the various manufacturers who were entered, or booked for entry, not giving their incubators a practical public test, with the exception of the Reliable Incubator and Brooder Company, of Quincy, Ill. This company went there to prove the superiority of their machines over all others in the field. "They wanted to meet their competitors on the same open ground, but on a much larger scale than they do in the open market and in actual use as is the case when sold to the leading poultry establishments of the country. They claim a greater percentage of strong, healthy chicks can be hatched in a Reliable incubator, from a given number of hatchable eggs, than in any other machines manufactured. They not only relied on the exhibition at Chicago to conclusively demonstrate this fact to an inquiring public, but they stand ready today, and at all times, to show interested buyers they have what they claim and offer for sale, a machine that, when handled properly and according to directions, will produce a strong chick from every hatchable egg. This is a strong statement, but as long as this firm stands ready at any and all times to prove the truthfulness of their claim in actual competition, it must go undenied by rival firms until they express not only a willingness to place their machines in actual competition with the Reliable incubator, and until they have actually come into work-competition, and defeated this incubator at an exhibition of this magnitude, before as great an assembly of prominent poultry experts as were here gathered, fair play and public opinion bids them for ever hold their peace."

The \$5 Champion Brooder is the perfect embodiment of the successful brooder and its works prove its title to the name "Champion." It has received the unqualified endorsement of the leading poultry authorities in the country, and is in use in a number of the State experimental stations throughout the country. M. K. Boyer, editor of A FEW HENS, and one of the foremost writers in the country, says: "The \$5.00 Champion Brooder is giving the very best satisfaction. At \$5.00 it is the cheapest and best of the good brooders on the market." J. E. Davis, editor of the *Fanciers' Review*, says, "It is perfection as far as a brooder can be perfect. There can be no better brooder than the best, and the Champion is the best." The construction of the case is planned after a system of the most careful and successful experiments to ascertain the best possible form and material to use. The case is so constructed that the brooder can be used either indoors or outdoors, one way equally as well as the other. It is well made, strong and durable, to withstand years of hard usage. The material used is one inch pine lumber, tongued and grooved and planed on both sides. The corners are "halved" or rabbetted, glued and nailed both ways, making it the strongest brooder on the market. The interior arrangement is one of the triumphs of the \$5.00 Champion Brooder; there are two separate compartments, the back is the hover or heating chamber; the front, separated from the hover by a depending partition, is the cooling and feeding chamber. By this arrangement all danger of overheating is done away with. If the hover gets too hot the chicks can move into the cooling chamber, and being inside the brooder there is no danger of taking cold. The heat is diffused uniformly in all parts of the brooder, keeping the sides and ends equally as warm as the centre. The Champion is supplied with a double floor which is so arranged that a small amount of heat can circulate under the floor in order to keep it dry and warm. Messrs. J. A. Bennett & Sons have just issued their new catalogue which they will send free by writing to them at Gouverneur, N. Y.

Poultry raising is an industry of such vast importance that it attracted the attention of thousands of people, and thousands have engaged in its pursuit. Inventors have expended their best efforts to produce the most perfect apparatus for artificial hatching and raising of chicks. In this particular none have been more successful than the Petaluma Incubator Company, of Petaluma, Cal. For a period of over twenty years they have been making incubators and brooders, and the success of the machines in all parts of the world has created such a demand that a factory of immense proportions is in constant operation, employing a large force of skilled mechanics. It is no uncommon thing for from seventy-five to ninety machines to be shipped in a single day from this factory. Recently one hundred and twenty-two incubators were sent out in a single shipment to Australia, being without doubt the largest number of machines ever

sent out by any firm to a foreign port. In a recent contest, in which a very large number participated, 429 reported high percentages of hatch, most of them over 90 per cent., and in 19 cases, the hatch was 100 per cent. The perfection to which these machines have been brought, is the result of over twenty years of constant study and patient experiment, and the results obtained by those using Petaluma incubators demonstrate they are unexcelled. The lumber used in their construction is the celebrated California Redwood, while the interior parts are of the best copper, galvanized steel, asbestos, and other high-grade materials. The egg trays are an especial feature, and to be found in no other, being galvanized steel frames, and corrugated steel wire bottoms made by their own special process, thus making the strongest and lightest egg tray that can be produced. The regulation of the heat is unerringly accurate, and the machines throughout are in every part and particular high-grade. In addition to all this, the Company inaugurated the plan of prepaying the freight to all points in the U. S.; and although California is away out west, it produces first-class incubators and brooders, which can be laid down at your nearest R. R. station, at factory prices, in a surprisingly short space of time, owing to the rapid transit of the present age. A beautiful catalogue is issued and will be mailed free to any one writing the Petaluma Incubator Co., Box 256, Petaluma, Cal.

White Wyandottes exclusively, from good laying strain of farm-raised stock. Eggs 15, \$1.25; 30, \$2.00. Special rates per 100. **W. S. Orr**, Glencoe, O.

TWO 100 capacity self regulating hot air brooders for sale. **D. F. RUSSEL**, Hop Bottom, Pa.

SCHUYLKILL Valley Poultry Farm. Eggs from S. S. and R. C. W. Leghorns, S. C. B. Leghorns, \$1.00 per 15. **J. C. KURZ**, Conshohocken, Pa.

BUY OF WOMAN. Fanny Leominster, Mass., has White Wyandotte eggs for hatching, \$1.00 per 13. **Hawkins-Mack** strain.

Don't Write to Land Agents

But write to a farmer of 17 years' experience in the West for all information needed. Prices of land and all questions answered, 15 cents for each letter. Write to me. **M. E. PITTENGER**, Cornell, Neb.

INCUBATOR EGGS

IMPERIAL PEKIN DUX, \$1.50 per sitting; \$6 per 100. BARRED PLY. ROX'S, \$1.50 per sitting; \$5 per 100. **WAITE POULTRY FARM**, 27th and Olive Streets, Kansas City, Mo.

BUFF LEGHORNS, BARRED and WHITE PLYMOUTH ROCKS, WHITE WYANDOTTES, BLACK MINORCAS and PEKIN DUCKS; strong, vigorous, prolific laying, farm-raised stock. Eggs, \$1.00 per 15; \$3.00 per 50. Circular free. **GEO. A. HURLBERT**, Cuyler, N. Y.

Barred Ply. Rocks,

Bred for Eggs and Meat. Eggs per sitting, \$1.25. **R. B. COMMERFORD**, P. O. Box 432, Vineland, N. J.

BASSLER'S strains of premium fowls, Barred Plymouth Rocks; Light Brahmas; Brown, Buff and Wh. Leghorns, are **BIG LAYERS**. To know positively that this is true, try one or more sittings. 13 eggs, \$1.50; 26, \$2. Cockerels for sale, \$2 to \$3. **W. E. BASSLER**, "Wayside Home" Poultry Yards, Middleburgh, N. Y.

ANCONAS Good strains; great layers; eggs, \$1.50 per 13. **ALFRED CORDES**, Alpine, Mich.

1813 EGGS

from 37 White Wyandottes in 70 days, January 1st to March 11th. A 70 per cent. yield in winter. Eggs, selected pen, \$1.00 per 13; \$2.50 per 40. **E. L. PRICKETT**, Hazardville, Conn.

EGGS FOR HATCHING. Barred P. Rocks, Brown eggs; S. C. W. Leghorns from extra layers. \$1 per 15 eggs. **Frank Dransfield**, Rutsonville, N. Y.

20 FINE, well bred S. C. W. Leghorn Pullets, at 60 cents each, to close out. Eggs, 90 cents per 15. Write. **W. D. MCNAUGHTON**, Tompkins, Pa.

MY WHITE WYANDOTTES are from the best laying strains. Eggs, \$1.00 per 13. **WM. NICHOLLS**, 42 Church Street, Lowell, Mass.

ROUEN and Pekin Ducks, Brown Leghorns, Plymouth Rocks. Eggs, \$1.00. **JAS. TAGGART**, Northumberland, Pa.

PEKIN DUCKS Exclusively; great layers; 13 eggs for \$1.25. **E. S. SCHENCK**, Box 208, Fanwood, N. J.

The Wayside Publishing Company, of Clintonville, Conn., have been represented in our advertising columns for some time. They are the publishers of a paper called *Gleanings*, and in order to introduce it offer to send a book on poultry, and the paper three months for 10 cents. There are a number of valuable recipes in this book, an egg record, and other attractions. Ten cents could not be more wisely spent than in the bargain offer they make. Address your letters to H. P. K., Wayside Pub. Co., Clintonville, Conn.

The following letter from A. J. Silberstein, proprietor of Hartnest Farm, Framingham, Mass., explains itself: "Will you please find room in your next issue to tell your readers not to send me any orders for either Brahma stock or eggs, as I have nothing more to sell. I must confine my operations, until next season, to the sale of the Eureka Nest Box, and the production of as large a flock as I can possibly get out. In the past seven or eight weeks I have refused orders and returned money to the extent of over \$1600, and you can readily understand it is not a very pleasant way of killing time."

D. Lincoln Orr, Orr's Mills, Orange county, New York, is one of the best known poultrymen in the United States. Mr. Orr has built up his reputation on a good foundation by honest dealings. He originated the grit business, and his "Clear Grit" is still one of the leading articles in that line. In poultry Mr. Orr breeds White Wyandottes, White Indian Games, Buff Laced Polish, White Crested Black Polish, Light and Dark Brahma bantams. Besides he deals in poultry supplies of all kinds. If there is anything you want, that no one else seems to keep, write Orr. He generally has it, or will get it for you.

Since W. R. Curtiss & Co., Ransomville, N. Y., have given up all the varieties they kept, and confined themselves exclusively to mammoth Pekin ducks and White Wyandottes, they are doing a much larger business. Their farm has a capacity of 10,000 head annually, and is the largest poultry plant in western New York. Eggs for hatching are sold at \$1 per 13; \$3 per 50; \$5 per 100. Birds from \$1 to \$5. Market poultry is made a specialty on Niagara Farm. The Messrs. Curtiss write the publishers that they consider *A FEW HENS* one of the best advertising mediums in the country, and the very best practical poultry paper published.

Trinidad, Guanajuato, Mex., Jan. 4, 1899.
Geo. H. Lee Co., Omaha, Nebr.—I received the cau of L. L. K., which you sent me last fall or summer. I was very, very much pleased with it, and believe it is just "the thing" for lice.
Very truly yours, WINFIELD SCOTT.

Kosciusko, Miss., Jan. 7, 1899.
Geo. H. Lee Co., Omaha, Nebr.—Last year I got hold of some of your Lice Killer, and liked it so well I want to know whether I can buy it nearer home or not, and if I can't, want to know what a half gallon can will cost me. It is the finest thing I ever saw for mites or chicken lice. Write me. Respectfully,
J. H. LOVE, M. D.

Miles Bros., Spring Hill, Pa., are advertising big bargains in White Wyandottes and Barred Plymouth Rock eggs in this issue. Notwithstanding their low rates, they have paid large prices for their breeding stock. One of the best recommendations for a firm is the favorable opinion of the patrons, and in this the Miles Bros. are indeed fortunate. *A FEW HENS* has had the pleasure of reading some testimonials of buyers, and they all highly endorse the firm for treatment received, as well as praise for the stock sent. The attention of our readers is called to their advertisement in this issue, and those interested in these breeds are advised to write them for full particulars.

The business of the Reliable Incubator and Brooder Co., of Quincy, Ills., is growing with remarkable rapidity. This is not only due to the excellence of the machines, but as well to the honorable methods employed by the management. Customers must be pleased is a motto employed, and it gives the best of satisfaction. Copper pliant leg bands, exhibition coops, etc., are also manufactured by this company. To get a full idea of their business send ten cents for a book of 228 pages which makes everything plain. It tells all about these machines, all about their 122 yards of high class poultry, with cuts of all the leading breeds and varieties, and all kinds of poultry supplies, appliances, etc.

One of the best breeders of Barred Plymouth Rocks in the country is F. P. Colby, Bow Mills, N. H. The editor of *A FEW HENS* personally visited Mr. C.'s yards, and knows whereof he speaks. It will be remembered that Colby's Blue Barred Plymouth Rocks won the grand sweepstakes silver trophy for the ten highest scoring birds at the last Amesbury, Mass.,

show, and also every first prize competed for. Ten of these birds averaged to score over 94 points each, and beating nearest competitor for sweepstakes prize by six points. Mr. Colby will sell eggs for hatching from these birds and their sires, and guarantee prompt and fair treatment to those intrusting orders to him, and will duplicate any poor hatch from his eggs for half price.

WHY DON'T YOU BUY

An Indian Game Cockerel or some Eggs, and raise some chickens worth eating?

Carpenter's Cornish Indians

Are Prize Winners wherever shown. Also breed Fine Black Minorcas. B. Plymouth Rocks bred for utility, and Muscovy Ducks. Stock and eggs for sale.

H. M. CARPENTER, Sing Sing, N. Y.

ECCS, MEAT, POINTS.

I aim to produce birds that combine these three. My birds are heavy winter layers, and make me a handsome profit on eggs. They are unexcelled for broilers or roasters. The beginner about to select the breed he would adopt should investigate the merits of my

BUFF PLYMOUTH ROCKS

My pens contain twenty birds with an average score of 92.9-20, by judge McClave. All headed by choice males, mated to produce winners.

EGGS—13, \$3.00; 26, \$5.00.

FRED. E. PILE, - - - Cleveland, Ohio.

THIS PAPER will cost you only Twenty-five Cents for TWELVE MONTHS. Can you afford to do without it? We accept postage stamps in payment for it. Order at once, so as to get every issue.

Eggs for Hatching.

Will Condition Powder Affect the Fertility of Eggs for Hatching?

On this point M. K. BOYER, of *A FEW HENS*, says he has repeatedly experimented. He, too, like some others, at one time charged condition powders with producing infertile eggs, but the trials made with Sheridan's Condition Powder has fully convinced him that by its use the stock are strengthened and made more vigorous, and such a condition is bound to not only produce strong fertile eggs, but hardy chicks. (Read test case below.)

A Test Case.

FANNY FIELD, in *Farm-Poultry*, July, 1895, says:—

Of course you want to know how the hatching of eggs from my hens, "encouraged" by Sheridan's Condition Powder, turned out, and how the chicks are coming on; and I am as eager to tell as you are to hear. Up to date (July 1) I set one hundred and ninety-four eggs; one hundred and fifty-three hatched, and there are yet twenty-five to hear from. Every chick came from the shell strong and well. We have lost twenty-three, but only one by sickness. Three were crushed by the mother hens, two strayed off in the wet grass after a rain, and died from the effects of the chill, the hawks took five, and skunks gobbled an even dozen.

[NOTE.—It looks as though the Sheridan's Condition Powder improved, rather than injured, the fertility of the eggs, judging from the above test case.]

No Matter What Kind of Foods You Use!

Sheridan's Condition Powder

is needed with it to assure perfect assimilation of the food elements necessary to produce eggs. It is absolutely pure; Highly concentrated; Most economical, because such small doses; In quantity costs less than one-tenth cent a day per hen. Use freely when hens are laying eggs for hatching.

Sold by Druggists, Grocers and Feed Dealers, or sent by mail. Large cans most economical to buy.

IF YOU CAN'T GET IT NEAR HOME, SEND TO US. ASK FIRST.

We send one pack, 25 cts; five, \$1.00. A two-pound can, \$1.20; Six, \$5.00. Express paid. Sample copy "best Poultry paper" sent free. I. S. JOHNSON & CO., 22 Custom House St., Boston, Mass.

HIGHLY bred, farm-raised Scotch Collie registered pups, sable and white, black, tan and white. \$5.00 to \$25.00.
MAPLEMONT STOCK FARM, Albany, Vermont.

Prize Winning Barred Plymouth Rocks

Ten Pullets bred and owned by me, average score over 94 points each, and the birds that bred them are in my this season's breeding yards.

Utility Prolific Layers.

Cockerels bred from Red Headed Brown Eggs, \$3.00 to \$5.00 each. F. E. COLBY, Bow Mills, N. H.

LANGS HANS

will lay the year round; Cold weather don't stop them. I have some grand birds for sale.

COCKERELS, \$2.00 to \$5.00 each.

EGGS, \$2.00 sitting; three sittings for \$5.00.

C. I. DROWNE, Sandown, N. H.

The Fanciers' Review,

CHATHAM, N. Y.

A 16-page Poultry Journal of National Circulation.

50 Cts. a Year, including a

Your Choice of one of the following: "Art of Poultry Breeding;" or "Uncle Rastus' Poultry Book" (humorous). Without book, the price of the paper is

ONLY 35 CENTS A YEAR.

The most practical Poultry Journal published. Mr. Davis writes from three to four pages a month, and as a practical writer on poultry topics he is without a peer. "Questions and Answers" are a valuable feature. Being popular, *THE REVIEW* is an excellent advertising medium, and rates are low. Send 10 cents for three specimen numbers.

For One Dollar and Twenty-five Cents.

Papers and Two Books---Value, \$3.00.

semi-monthly, one year, price,	\$1.00
monthly, one year, price,	.50
POULTRYMAN, monthly, one year, price,	.50
monthly, one year, price,	.25
FOR PROFIT, by Boyer, price,	.50
FROM POULTRY, by Boyer, price,	.25
Total, - - - -	\$3.00

Poultry Papers, price alone, \$2.25.

burg, Pa., that leads the world, because the editor, P. H. Jacobs, is
poultry subjects. Its cover, printed in two colors, makes it an ornament
the less attractive, as you can see by sending for a free sample copy.
cents per year.

The Inter-State Poultryman, of Tiffin, Ohio, fifty cents a year, needs no introduction to our readers, its editor being fully abreast of the times. Published monthly.

A Few Hens, Boston, Mass., has been increased 50 percent. in size. It is edited by the well-known M. K. Boyer. Full of good things, monthly. 25 cents a year. Devoted to every branch of market poultry culture. It is a "boiled down" journal, giving the cream of poultry matter.

Farm-Poultry. This paper is published twice a month, and ranks as one of the best of all poultry papers. It pays practical poultrymen, because it teaches facts, not theories. It is a profitable poultry raising guide for all. Each issue is better than the last. Price, semi-monthly, \$1.00 per year.

A Living From Poultry. By M. K. Boyer. The only book ever written that tells what steps to take to establish a profitable poultry plant. Tells why men fail and women succeed; how much land is needed; best soil for poultry; buying a farm on installments; brief chat on houses, and how they should be built; review of the breeds, and which are best for eggs, broilers and roasters. The crowning feature of the book is the chapter telling what can be accomplished with capital ranging from fifty to one thousand dollars. Price, 25 cents.

Broilers fo Profit. By Michael K. Boyer. The largest and best work ever published upon the subject. It gives both sides; tells the amount of capital, land and time required; the value of incubators, and pointers in running them; explains the brooding system; how to feed and care for chicks; how to dress and ship to market; how to erect a model brooder house, and hundreds of valuable hints. The book is compiled from the experiences of the pioneer broiler raisers in this country. Price, 50 cents.

TAKE NOTICE. If your time is not out for our paper, your subscription will be marked up one year.

The four papers and the two books, all post-paid for \$1.25. Send all orders to us. The combination cannot be changed or filled as above, unless all ordered at one time. Samples free.

A FEW HENS, Box 2118, Boston, Mass.