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FARM AND DAIRY

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POULTRY YARD

Brooding and Feeding Chickens

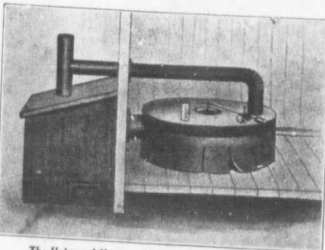
W. H. Elford, Peterboro, Ont.
A brooder is a necessity where the eggs are hatched artificially. We keep chickens in the incubator 24 to 36 hours and then transfer to the brooder.

For a brooder, we prefer the round Universal Hoover set right in the colony house. The temperature in the hover when the chickens are put in should be 75 degrees. This temperature is held for three or four days and then reduced gradually. The chickens should get plenty of fresh air. We clean out the brooder every morning without fail, putting in fresh material.

Grit should be fed first to the chicken. The yoke of the egg is in the body of the newly hatched chicken. This explains why they do not want food for two or three days after hatching, and it also explains why grit should be given them immediately. Without grit, the yoke cannot be worked up.

Digestive troubles ensue and the chicks die.

I do not believe that soft feed is necessary for chickens. In fact, it may be positively injurious. I would feed chickens dry feed from the day they are born. The only soft feed I consider advisable at all is hard-boiled eggs taken from the incubator at the first test. These eggs should be broken up finely and mixed with grain. Green feed is also an



The Universal House - Accommodation for 50 Chicks

One of the most satisfactory means of artificially brooding chickens is afforded by this device, which after the chick can be without artificial heat, will afford permanent quarters for the brood.

essential. If early in the season, sprouted oats are a convenient food.

Considerations in Marketing

"I have just purchased 41 turkeys from a lady who refused to sell them to me for three cents more per pound three months ago," said an extensive poultry dealer to an editor of Farm and Dairy recently. "Some people will never sell anything as long as they see any prospects of a slight advance in price. The labor and feed over are necessary to carry poultry over the winter."

"Consider the case of this lady. The 41 turkeys which were purchased from her weighed 525 pounds. We purchased these for 13 cents a lb. As the price which we wanted them last fall was 16 cents a lb., she had a straight loss here of \$15.75. In addition these turkeys must have weighed 25 lbs. less than they did last fall. This at 16 cents a pound is \$4.00. To feed these 41 turkeys for three months would cost \$30. The loss from holding the turkeys over in hope of a slightly higher market was \$49.75 and the labor thrown in. It does not always pay to hold over poultry in the hope of two or three cents more per pound."

Poultry and Eggs

Poultrying in Canada has dropped off. We market only about \$25,000 worth of poultry products, when our output should be ten times that amount. Mr. J. W. Flavell, for whom most of the hens in Ontario work, has written an open letter, in which he shifts the blame to where he says it belongs. He complains that "the farmers of this and other provinces have been diverted from poultry raising." Why? Mr. Flavell, as the largest egg-swallower in Canada seems to argue that the farmer does a sort of sheer spite, to make a short supply for his string of butcher shops and to cheat the bacon he sends to England for its immemorial accessory. The farmer tells another story. He refuses to increase his production simply because the cold-storage firms and middlemen hold the channels of distribution so strongly that he cannot get adequate returns for his labor. The farmer feels, besides, that increased production would only accentuate the evil.

He will probably find his remedy in co-operative marketing.

Meanwhile, nobody thinks of blaming the Canadian hen. She runs up her capacity. Her triumphs in season are frequent and proud as the cackling sheeps. She will pay 100 per cent. her first laying year. But one hen cannot do more than one hen's work, no matter how she tries. As much of a nation's wealth is built on her products, we must all be interested in the obstacles that come between the egg and the ultimate consumer.—Collier's

Imported Champion Percheron Stallions for Sale

The winners of all Firsts, Sweepstakes and Medals at Toronto and Ottawa Fairs. Prices below all competitors, quality and breeding considered. Terms to suit the buyer.

Come to the House of the Prize Winners

JOHN HAWTHORNE

SIMCOE - ONTARIO

GUNNS

"Prairie State" Incubators

Get the Most Chix

because they come closer than any other incubator to matching Nature's own conditions. The hen sitting on the ground is still, on a small scale, the most successful hatcher. But she can't hatch 20 or 30 dozen eggs at a time, and she won't hatch them at the right season to make winter layers or cockerels that are ready for market at off seasons, when prices are highest.

The most successful Canadian poultry raisers therefore use the "Prairie State" incubator because it practically equals, on a great big scale, the hen's success with her little setting.

Gunn's Prairie State Incubators are built not so much to sell, as to hatch chicks. Note that. We are making incubators and marketing them at rock-bottom prices simply because they will help in our campaign for "More and better eggs and poultry"—not because we want to make profits out of incubators.

Gunn's Prairie State Incubators are honestly made in our own factory at Ste. Therese, P.Q.—the finest wood-working factory in the Dominion. No poor material or flimsy construction is tolerated, for we have a reputation for 40 years of square dealing at state.

They are designed so that the heat is distributed evenly to every egg in the tray. There are no cold or hot spots.

The correct temperature is maintained, within a fraction of a degree, whether the temperature outside the incubator be zero or 80 degrees.

The moisture and sand tray gives an absolutely even and easily regulated supply of moisture to every egg. This prevents drying up the eggs, and brings out big, strong, healthy chicks.

An even supply of fresh air, free from lamp fumes, is provided, greatly increasing both the hatch and the vitality of the chicks.

Thus Gunn's Prairie State Incubator supplies so perfectly the conditions of natural hatching that it not only brings out a very high proportion of chicks, but the chicks live. When

GUNNS UNIVERSAL HOVERS

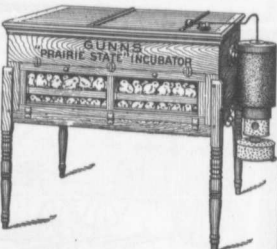
are used for brooding, results are even better than those secured by natural methods. These Hovers enable you to raise chicks successfully at any season and in any numbers. Gunns Combination Colony House Brooders make the most convenient, practical equipment known.

Write for our book on Practical Poultry Raising. It tells all about the "Prairie State" line, and how to raise poultry for profit by common sense methods that have proved successful. Meantime, note these prices:

GUNNS
Prairie State Incubator
No. 0—100 hen eggs—\$18.00
No. 1—150 " "—22.50
No. 2—240 " "—32.00
No. 3—390 " "—38.00

GUNNS
Universal Hover
With lamp, lamp case and smoke conductor \$7.00

GUNN, LANGLOIS & CO., LIMITED, 238 ST. PAUL STREET, MONTREAL.
"Gunn's Prairie State Incubator Gets Chix."



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CASEIN

It is profitable to convert small or large amounts of skim-milk into dry Casein. Write for our proposition and state amount of milk you have daily in fluid season.

The Casein Mfg. Co.
11 PINE ST. NEW YORK CITY

ELM GROVE POULTRY FARM

FOR SALE—Good Cockerels. Single Comb Black Minorcas, & C. White Leghorns, Rose Comb Brown Leghorns and Rouen Ducks.

J. H. RUTHERFORD, Box 82, Long Distance Phone, CALEDON EAST, ONTARIO.

AUCTION SALE OF FIFTEEN IMPORTED GLYDES DALE FILLIES

AT OMBURY GRANGE STOCK FARM, OMBURY TOWN, on the second day of the Great Spring Show, 18th May. They are by Baron's Best, Lord Berwent, Pride of the Lothians, Sir Geoffrey & Silver Cup. This is a rare opportunity to buy the best at the lowest prices.

D. McEACHRAN

FOR SALE AND WANT ADVERTISING TWO CENTS A WORD CASH WITH ORDER

HARDWOOD ASHES—Best fertilizer in use. George Stevens, Peterboro, Ont.

SILVER GREY DORKING EGGS from good laying strain, \$1.00 for 15. 30 pullets of this grand breed laid over 500 eggs from Dec. 12th to Jan. 11th, 1911. Jas Stonehouse, Port Perry, Ont.

WANTED—Persons to grow mushrooms for use in waste space in gardens, yards, sheds or collars. \$1.00 to \$3.00 per week. Send for illustrated booklet and full particulars.—Montreal Supply Co., Montreal.

PURE BRED FOWLS GIVEN AWAY FREE in return for new yearly subscriptions to Farm and Dairy. A club of four new subscribers will bring you a pair of pure bred standard fowls. Write Circulation Manager, Farm and Dairy, Peterboro, Ont.

FOR SALE—Iron Pipe, Pulleys, Belting, Etc., Chain Wire Fencing, Iron Posts, etc., all cheap. Write for list. The Imperial Stating and Metal Co., Dept. F.D. Queen street, Montreal.

THERE IS AN ENORMOUS DEMAND for Dairy and Stock farms products in the South. The U.S. Government in its Agricultural Year Book says: "While the Southern Dairyman will have some difficulties that are not found in the Northern sections he also has many advantages over the Northern Dairyman in milder climate, cheaper buildings, greater variety forage crops and good market." We have a large list of farms for sale in the rich Piedmont section at \$10.00 to \$75.00 per acre. Foot hills, no malaria, out door work the year round. Death rate in Greenville is 1 to the 100. Write for descriptive booklet. Goldsmith & Agnew, Greenville, South Carolina, U.S.A.