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1 1/2 Horse Power	\$39.00
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I am offering this month a fine lot of Young Pigs, six to eight weeks old, from large stock of quick maturing strains of the best breeding. Pairs and trios supplied not sold. Also sows in pair to a show boat.

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GUELPH, DEC. 5th-10th, 1914

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Entries Close November 19th

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264 Eggs per year from one hen

and course that is a world's record, but a hen has to keep up a pace not behind that to make money for you as she should. Egg records are not as much a matter of breeding as they are a matter of feeding.

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MADE IN CANADA

—is a mixture of roots, herbs and spices which supplies to the system of the hen the element necessary to maintain the highest state of health. It acts as a tonic, particularly to the egg producing organs and the digestive tract. It makes them less liable to any disease, its value is indisputably proven by the sale of over five million boxes. It is absolutely guaranteed to increase egg production or the price will be refunded. Sold in 25c. doz. and 5 lb. packages by dealers everywhere.

We have just got out the "International Poultry Guide," a book which contains about all there is to know about chickens. Send for it —Free.

INTERNATIONAL STOCK FOOD COMPANY, LIMITED
Dept. F. D. Toronto, Canada 137



Value of Hen Manure

A recent bulletin of the Maine Agricultural Experiment Station shows that the poultryman or farmer can materially add to the profits of his business by properly caring for the droppings of his fowl. For example it is shown that the droppings from 1,000 fowls if preserved without needless loss are worth at least \$300 per annum, and this estimate is based on the assumption that less than half of the droppings, or only 30 pounds a hen a year, can be collected.

According to the Maine station the droppings should be collected daily, and mixed with substances which will (1) prevent loss of nitrogen, (2) add sufficient potash and phosphoric acid to make a better balanced fertilizer, and (3) improve the mechanical condition of the manure so that it can be applied to the land with a manure spreader.

This can be done as follows: To each 30 pounds of the manure add 10 pounds of sawdust, good sized loam, or peat, 16 pounds of acid phosphate, and eight pounds of kainit. Such a mixture will contain about 1.25 per cent of nitrogen, 4.5 per cent of phosphoric acid, and 2 per cent of potash, which used at the rate of two tons per acre would furnish 50 pounds of nitrogen, 185 pounds of phosphoric acid, and 80 pounds of potash, and at the present price of fertilizing ingredients, is worth about \$10 a ton. The mixture would furnish a well balanced stable fertilizer, which although not fine enough to work well in drills, can be successfully applied with a manure spreader. The treated manure should be well sheltered until time to apply to the land, that is, shortly after plowing.

Seed Corn for Ensilage Production

(Continued from page 4)
germination test. It was found that corn shipped on the ear germinated on an average nearly six per cent better than that which was shelled, while the proportion germinating 90 per cent, and over was much higher. A number of the samples on the ear were low in germination, but in nearly all cases this corn was not planted. Some of the shelled corn was dead, but this could not be detected as in the case of ear corn, and it was planted. The results of the covering crops. All of the standard varieties were grown, but among the 50 varieties represented in the inspector's reports, many of them are very inferior.

Will Field Root Seed be Scarce in Canada?

(Continued from page 5)
should be added to the straw. In order to provide for ventilation, however, the straw on top of the stack should be left uncovered in spots about four feet apart, or the pit be provided with special air shafts. The thickness of the covering layers of straw and earth will depend upon the severeness of the winter. For colder parts of Canada a 12 to 18 inch layer of straw covered with a layer of earth six to nine inches deep can be recommended for the coldest part of the winter. In the spring the layer of earth should be removed and, generally speaking, the thickness of the covers be modified according to the temperature.

The Equivalent of 2 Tons of Bran For \$30.00

You get this and more when you buy a ton of our "Good Luck" Brand Cotton Seed Meal. This meal is guaranteed with the Dominion Government to contain a minimum of 41 1/2 per cent protein. You take no chances.—Place an order to-day and commence using this high-quality feed.

Prices: In ton lots, \$1.50 per 100 lbs. In 50 lb. lots, \$1.35 per 100 lbs. In 25 lb. lots, \$1.50 per 100 lbs. Terms—Cash with order.

Crampsey & Kelly Devereaux Bldg. TORONTO

FOR SALE AND WANT ADVERTISING THREE CENTS A WORD, CASH WITH ORDER

FOR SALE—A Choleo lot of Silver Wyandottes at a bargain.—Frank McDermott, Tavistock, Ontario.

CLEARING SALE—To make room our offering Blue Andalusian and Silver Campine stock at greatly reduced prices. Satisfaction guaranteed.—W. E. Pakenham, Norwood, Ont.



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Gunn's Shur Gain Beef Scrap furnishes animal matter rich in easily digested protein. Ten pounds in one hundred pounds of grain will balance up your rations. Try Gunn's "Shur Gain", Shell, Grift. Poultry Bone, Charcoal, Alfalfa Meal, Scratch Food, and laying Mash.

Gunn's Shur Gain Hog Meal will make your grain go nearly twice as far.

For further information write

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Foot
The epidemic that United States such as the worst that ever discovered in the States in the Chicago area for disinfecting prime fowl have been to the States. An unfortunate break in the line at the time of the show in the yards, Chicago has received exhibition hope is expected to exhibit below to the business of America's check the business yards amount \$1.00 000.

The I
This volume by Chicago... program, the opening the attention record by interest... dents' National Dairy Contest consisted of 16 different and coming of the east to result was the Ohio idea of the various when we scholarship to cups.

In the juvenile presenting steins and... There was stein class widely distributed Algonquin grand champion Korndyke, shown by... ewa, Wis. male champions were Ohio: M. Kesh, Wis. Ill.; J. Iwan F. E. K. Hermon S. E. C. Sch...

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