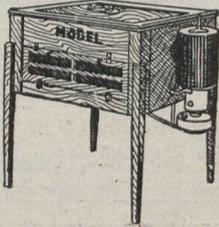


the development of the business. A large list of all kinds of wheel hoes, seed drills, wheel plows and cultivators, and horse hoes and cultivators are listed in the catalog for 1908.

### CHAS. A. CYPHERS' Model Incubators and Brooders

On my Model Poultry Farm I now have poultry numbering **80,000** hatched and brooded in my famous Model Incubators and Brooders. Buying your incubators and brooders of a man who knows nothing (or next to nothing) about hatching and raising poultry is running a useless risk. Don't do it.



I not only sell you a Model Incubator or Brooder, but I add to them the valuable experience of years as shown in their construction. Model Incubators show excellent hatches, hatch every hatchable egg. The Model Brooder grow sturdy chicks.

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**THE MODEL INCUBATOR CO.**  
196-200 River Street TORONTO, ONT.

The "Iron Age" potato planter also is described and illustrated. This implement should be used more extensively by farmers and vegetable gardeners. It is a great labor saver and does the work better than it can be done by hand.

### POULTRY DEPT.

Conducted by  
S. Short, Ottawa

In the February number of THE CANADIAN HORTICULTURIST reference was made to the growing popularity of the incubator which has become such a necessity to successful poultry keeping. It may be in order to enumerate some points wherein the incubator has the advantage in comparison to hens.

In the first place, the hen should never be set in the same pen with laying hens, for the layers will certainly lay in the same nest, and the result is usually one or more broken eggs, which necessitates the washing of the sound egg and a fresh nest to be made. To avoid this difficulty, it is imperative that the setting hens should be in a pen by themselves. Now the trouble begins. Rarely the hen takes kindly to her new surroundings, and great patience, perseverance and temper control are required before Bidy decides to do business at the new stand. With the incubator their trouble is overcome.

The hens in the hatching room require con-

stant watching, to see that they keep to their respective nests, that they do not foul their nests, for if so, as when they break an egg, the nest has to be made over and the eggs carefully washed; in some cases, a most disgusting piece of work. With the machine, this never happens.

During the incubation period the hens should be dusted liberally with an insecticide, to destroy the several varieties of lice which infest their bodies. No matter how faithfully this is done, the chicks are invariably lousy, and have to be treated for vermin every week or two during the first two months of their lives. The machine does not hatch lice as well as chicks, and therefore the chicks escape this, at times, a fatal evil.

Not more than 10 to 12 hens should be hatching at one time in the same pen. It will take more time in feeding and caring for these 10 or 12 brooding hens than one machine and 12 hens will, on the average, not hatch any more chicks than one machine of 120 eggs capacity. Nor is the cost of running the machine very much more than the feeding of the hens.

Any one who hatches by machine will have no trouble in rearing chicks by artificial methods. Brooders are made to resemble the hen as near as possible in providing warmth and light, in conjunction with good ventilation. Thermometers and instructions are provided with all brooders. Watch the one and carefully follow the other, that is, if the operator has had no previous experience. After a few successful trials it is time enough to go in search of original methods, which are expected to be improvements on those approved by the maker of the brooder. If the breeding pens are not now complete, they should be made so immediately, for it is essential to success, and only fair to the machine, that fertile eggs from healthy fowls should be used in the first trial of the new machine.

Fruit growers in British Columbia should be interested in knowing that the Harris Nursery Co. of Penticton, have in stock a general line of fruit and ornamental trees, small fruits and shrubbery.

A Piano for \$25.00.—In every sense of the word the sale of somewhat used, but not badly used, square pianos at Heintzman & Co.'s, Limited, 115-117 King Street West, Toronto, is sensational. The announcement has brought this firm orders from almost every corner of the Dominion. The determination is to clear out every square piano in the place between now and stock-taking, and surely prices like \$25, \$30, \$35, and \$40 will do it—in payments of \$5 down and 50c. a week.



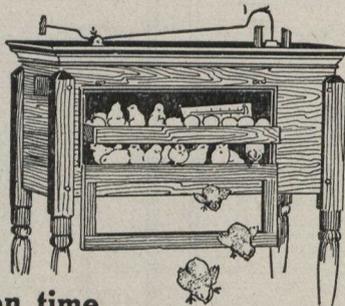
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