

cided that a nation's apple show could not be held in Ontario until Ontario growers are able to compete with the men of the Pacific slope in box packing which art the western growers have down to a fine science. The matter of express rates was also discussed.

Instruction in Box Packing

An expert box packer from Hood River, Oregon, has been secured by the Horticulture Department at the Ontario Agricultural College to give instruction in box packing for two weeks at the College during the time of the Short Course in Horticulture. The trend in the packing of Fancy and No. 1 apples in Ontario is all in the direction of the box in preference to the barrel package. All that Ontario fruit men need to induce them to put up more of their fruit in this attractive package is skilled instruction in the art.

Two courses of one week each will be run concurrently, commencing January 24th. The number of students all sort food should be seasoned with a little salt. The fowls need salt as much as human beings do. The old theory that salt is dangerous to use in poultry food has long since been exploded.

"Counting Chickens Before they are Hatched"

at the I. C. S. Experimental Farms



The Kind of Poultry Raising That Pays

You may know something about poultry-raising, but how to "counting" and "hatching" different, you must learn the profitable science of it at the I. C. S. Experimental Farms. You can learn it, however, from personal instruction by experts who have devoted their lives to successful poultry raising.

This is the kind of instruction given by the International Correspondence Schools, which turns failure into success and ordinary success into a money-making victory.

Every phase of practical poultry raising is completely covered in the I. C. S. Course. For example:

How to select most profitable breeds; feeding; marketing eggs and poultry for profit; natural and artificial breeding; natural and artificial incubation; laying hens; combination plant; poultry appliances; enemies of poultry; poultry houses and equipment; turkeys; water fowls, ducks, etc.

To make this course of instruction most practical and complete, the I. C. S. is associated with the largest and most successful poultry farm in the world—Knox's Poultry Farm, where no opportunity is ever lost for the benefit of those taking the I. C. S. Course.

The I. C. S. Poultry Course answers every question, explains every time and money saving, and gives many times. For full particulars, write at once. The answer is there. Now is the time to begin.

INTERNATIONAL CORRESPONDENCE SCHOOLS,
Box 7000, Scranton, Pa.

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

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.

FEATHERS WANTED—We buy Geese, Duck, Chicken and Turkey Feathers, highest prices paid. Write for price list. The Imperial Waste and Metal Co., Dept. F.D., Queen Street, Montreal.

dents in each course is limited to 30. Persons desiring to take advantage of this opportunity to become expert in box packing should apply immediately to Prof. J. W. Crow. Each application must be accompanied by a fee of \$2.00.

POULTRY YARD

Pointers for Beginners

Mrs. John H. Rosebrough, Brant Co., Ont.

The safest way for those to commence who wish to make a success of poultry raising is to start with a few fowls and learn the business thoroughly. Mistakes are certain to be made before success in any large measure is attained. As soon as the flock is found to be a paying investment, increase the number of fowls.

The time of year that one starts into poultry is not however important. The fall of the year, however, is a good time to start. Then fowls can be purchased for less money than at any other season. It is advisable that the fowls be moved to their new quarters before they begin to lay. If the beginner has had experience in poultry keeping it will be all right to purchase eggs and start in this way. Otherwise they should begin with the fowls, and gain some knowledge of caring for poultry before attempting to raise chickens.

Now comes the selection of a breed. For convenience, chickens may be classified as egg breeds, meat breeds, general purpose breeds and fancy or ornamental breeds.

EGG BREEDS

The egg breeds include the small or medium sized fowls. They are very active, quick to mature, producers of white-shelled eggs, usually non-sitters and rather poor mothers. The various varieties of Leghorns and Minorcas are good representatives of this class. On account of their early maturity they usually begin to lay at the age of four and one-half months.

The meat breeds include the largest fowls: Brahmas, Cochins, and Langshans.

The general purpose breeds consist of fowls of fair size. They will usually produce a good quantity of brown shelled eggs. They are especially adapted to the person wishing a supply of both eggs and meat. Arne has frequently to sell surplus stock in the form of dressed poultry the meat qualities as well as egg production could be considered in selecting a breed. General purpose fowls endure the cold weather well. They are Plymouth Rocks, Wyandottes, Orpingtons, and Rhode Island Reds.

The ornamental breeds are not so well adapted for farm purposes.

The Peterboro Poultry Show

With almost 1,200 entries, all classes well filled and not a cul in the bunch, the poultry show held under the auspices of the Peterboro Poultry Club in the Market Hall, Peterboro, last week, was the most successful in the history of the show. Competition was strong in every class, Orpingtons and Wyandottes being out in greatest numbers, with Plymouth Rocks a good third. Egg breeds were represented by strong classes of Whites, Browns and Buff Leghorns, Black Minorcas and Anconas. Representing the heavy meat breeds were English Dorkings, Buff Cochins and Light Brahmas.

The tender fruit section and Jas. E. Johnson of Simco; D. J. Johnson, Forest; and Harold Jones of Maitland, the apple men.

The question of a national apple show was also discussed. It was de-

Exhibitors were present from Peterboro and all nearby counties. Several of the best shown were owned in Toronto. Miss Mary Yeates of Guelph gave talks on poultry subjects and demonstrations in killing, plucking, dressing and carving birds. Mr. Bennett of Toronto placed the awards.

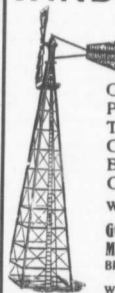
Poultry Pointers

A laying hen always goes to roost at night with a full crop. Buckwheat is used for fattening, and when used will thin the skin of the fowls.

Do not feed fattening foods when you desire an egg yield. Have a purpose in view and feed to maintain it.

Have a screen made to sit soft coal ashes for use on the dropping boards and for a dust bath for birds.

WINDMILLS



Towers diked every five feet apart and double braced

Grain Grinders
Pumps
Tanks
Gas and Gasoline
Engines
Concrete Mixers

Write for Catalogues

GOULD, SHAPELY &
MUIR CO., LIMITED
BRANTFORD - CANADA
BRANCH OFFICE
WINNIPEG, MANITOBA

The Famous "Prairie State" Incubator

is now "Made in Canada" by
Gunn, Langlois & Co., Limited

As the largest egg and poultry house in Canada, we have been trying for years to interest Canadians in "More and better eggs and poultry". The demand for poultry products is growing fast—prices are high—but the supply is not increasing. Why?

Chiefly because, as a thorough investigation shows, Canadian farmers lack the facilities for producing eggs and poultry on a really profitable scale.

To be able to market eggs and poultry in the "off seasons", when highest prices prevail, you must be able to hatch as many healthy chicks as you want, when you want them, and to do this you must have a thoroughly reliable incubator. We found no incubator made here capable of meeting this demand.

We decided, therefore as the first step in helping to make Canada's poultry production what it ought to be, to find, or if necessary invent, an incubator that would make good every time—to manufacture it in Canada—and to sell it at the lowest possible price.

A searching and unbiased investigation of every incubator on the market convinced us that the "Prairie State" is the only incubator whose principle is correct—whose workmanship is honest throughout—whose results have proven, beyond thousands of times, by experts and novices, under favorable and unfavorable conditions, invariably better than any other incubator can produce.

We found more "Prairie State" incubators in use among really successful Canadian poultrymen than all other makes combined. The "Prairie State" has received 326 awards for efficiency in competition with the best of the other incubators in America, and for more than a quarter of a century its popularity has been steadily growing among poultrymen who know.

These facts satisfied us that the "Prairie State" is the incubator Canadian poultry raisers need—the incubator which we could safely endorse, make and sell. So we have made arrangements to manufacture the "Prairie State" in Canada, in our new factory at Ste. Therese, Quebec—the finest wood-working factory in the Dominion.

Our reputation for nearly 40 years of square dealing is behind our positive claim that the "Prairie State" is the best incubator on the market to-day, bar none. It hatches more strong, healthy chicks than any other incubator because—

1. It gives the correct natural heat at both top and bottom of every egg in every part of the tray, regulated to a fraction of a degree.
2. Its sand tray, beneath the egg tray, gives an absolutely even and easily regulated supply of moisture to every egg.
3. It gives a steady, even supply of pure, fresh air, free from any trace of impurities, even in the eggs.
4. It works satisfactorily under practically any and all conditions.

Let us repeat that every incubator we manufacture is honestly made throughout. The machine we send you will be the same in every detail as the "Prairie State" Incubators which have won prizes at every important Exhibition, and which have the great majority of chicks raised at every Agricultural College in Canada.

For fuller particulars read our advertisements which will appear in later issues of this paper, or better still, write now for our Catalogue. It's full of reliable, practical information for everyone interested in poultry and contains the results of actual tests made by poultry raisers throughout Canada and the United States. Just fill in the coupon and mail it—the Catalogue will be sent you promptly—free.

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Address.....

ELM GROVE POULTRY FARM

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

J. H. RUTHERFORD, Box 63, Long Distance Phone, CALEDON EAST, ONTARIO.