

HORTICULTURE

Changes in the Fruit Division

Mr. P. J. Carey, Chief Fruit Inspector for Western Ontario, has been appointed Packing and Orchard Demonstrator for the Fruit Division, Ottawa. Mr. Carey has shown particular aptitude for this kind of work, and the demand for his services has become so insistent that the Minister of Agriculture has indicated above.

Mr. R. R. Waddle, Dominion Fruit Inspector for the Lake Erie Counties, is promoted to the position of Chief Inspector for Western Ontario.

Representations having been made to the Minister of Agriculture that unscrupulous packers were taking advantage of the fact of there being no

The soil-drainage also will generally be good on a high, rolling exposure. "Fruit trees can't stand wet feet." Perfect soil-drainage must be provided, if it is not already present. Tile or open drains may be called into use. If tile is used it should lie in the middle between the rows, to effect even drainage and to prevent as far as possible the filling of the drain with roots.

Stocks for Spy Trees

I intend setting out next spring about 400 Northern Spy apples. Do you advise too grafting some other apple?—K. S. Peel Co. Ont.

The Northern Spy apple is successfully grown in your section of the country, I believe, without top-grafting, but when grown in this way the trees usually require a long time to come into bearing. I think if I were setting out Northern Spys in any quantity in your section, I should top-graft using Tolman Sweet, Pearsall, or McManis White as stocks for this purpose.

Northern Spy when planted in large blocks is non-productive. You do not state whether you intend to set 400 Northern Spys in a solid block, or whether you intend to place other varieties in the same plantation. It is considered to be a much safer plan to plant a variety which blossoms at the same time as Northern Spy for the purpose of furnishing pollen for cross-fertilization of the blossoms. Baldwin is a very satisfactory variety for this purpose.—Prof. J. W. Crow, O. A. C., Guelph, Ont.

Canadian Record of Performance

That the importance of an official record of production in breeding stock is each year becoming more generally recognized by dairymen in Canada is clearly indicated by the success and steady growth of the Canadian Record of Performance. The expansion of the work has now necessitated the appointment of additional inspectors. A year ago there were three men in the field. Six men are now devoting all their time to the supervision of tests in Ontario and Quebec, and a special inspector has been appointed for the Maritime Provinces.

In report No. 4, of the Canadian Record of Performance, just to hand, some notably high yields are recorded and previous Canadian records and even world's records in different classes are broken. One of the truly remarkable records is that of Briery 2nd of Springbank, a two year old heifer, owned by A. S. Turner and Son, of Ryckman's Corners, Ont., who produced 14,131.35 lbs. of milk, and 520.49 lbs. of fat. Another notable record in the same class is that of Milkmaid 7th, with 11,673.5 lbs. of milk, and 42.76 lbs. of fat. Milkmaid is owned by Andrew McCrea, East Royalty, P.E.I. The most notable production recorded for a Holstein is that of May Echo with 23,707 lbs. of milk, and 832.64 lbs. of fat. Another noteworthy record is that of Lulu Keyes in the two-year-old class with 19,258 lbs. of milk, and 542.67 lbs. of fat. Jerseys and Guernseys under test also made creditable showings, but space forbids extended mention of the many good records made.

Last year, ending March 31 1912, 801 animals were tested and 160 qualified. This shows a most satisfactory increase over the year previous, when 596 animals were tested, 145 qualifying. To meet the demands of breeders for some recognition of cows that qualify in so far as yield and milk and butter fat is concerned, but which fail to calve within 15 months after the commencement of the test, it has been decided to publish these names in an appendix, but no certificates will be issued.

Opportunity to Buy Up-to-date Dairy Farm

See Farm and Dairy Front Cover This Week

I am retiring and offer you an unusual opportunity to buy my first class, improved, modern dairy farm. Were I continuing to farm any longer I would not want anything better than where I am.

See for yourself the character of my place. I show you my buildings on the front cover of Farm and Dairy this week.

350 Acres—250 Acres under Cultivation

Clay Loam Soil

The farm contains 350 acres, more or less, 200 acres under cultivation, the remainder in pasture and woodland. The soil is a rich clay loam. Three living springs on the farm. Water is placed in all of the stables and buildings.

Has been run as a dairy farm for over 30 years. The home of 70 head of registered Holstein cattle. It is known as the Fairview Stock Farm. It is conveniently situated and with good shipping facilities. The G.T.E. crosses the farm; trains stop within 10 rods of the house.

Situated in the township of Leeds, two and a half miles from Gananoque, on the main road. Farm is in first-class state of cultivation.

The buildings are in first-class condition. Barn, 86 x 46; drive house and horse stable, 34 x 60; sheep pen; pig pen; two silos; open shed; implement buildings; hen-

house; blacksmith shop; and windmill.

The house is brick, also has frame kitchen and wood shed; all metal roofed; seven bedrooms; two halls; parlor; drawing room; dining room; kitchen; pantry; closets; furnace; telephone—in fact, every convenience.

There is a beautiful terraced lawn, with cement walk up to house.

All near to school and cheese factory on farm.

All near to school and cheese factory on farm. Reason for selling, I am retiring. Were I to farm any longer I could not want anything better than where I am.

I have been breeding registered Holstein cattle for the last 12 years but have never advertised very largely as I have made good sales for my cattle near at home.

I offer you this farm as a going concern. The land is fertile and rich. It will make you money. I will sell it reasonable, and well worth the money.

Write me now for particulars. Come and inspect the farm. This place will do well by you as it has done well by me.

HOLLAND CONNOR, Gananoque Jct., Ont.

\$2500 PRIZE CONTEST

Farm and Dairy offers \$2500 in prizes or cash in a great contest to secure new subscriptions. This is the opportunity to earn in a few weeks spare time work more than you can save in years.

Thousands of our readers who want fine horses, pianos, motor cycles, victrolas, cameras and other things, feel that they can not spare the money. Here is the great opportunity to get them at no expense.

Hundreds have earned fine premiums for getting subscriptions and found it easy. Let us tell you what they say and how they work. It will be easier still in this contest when your friends know you are working in connection with others.

Choice of Cash or Prizes

A Prize for Every Contestant

GRAND PRIZE \$350 Horse and Buggy

SECOND PRIZE \$250 Driving Horse

THIRD PRIZE \$200 Piano or Organ

FOURTH PRIZE \$200 Motor Cycle

SPECIAL LADY'S PRIZE \$25 Pearl Pendant

SPECIAL BOY'S PRIZE \$45 Cleveland Bicycle

SUNDAY SCHOOL PRIZE Organ or Piano

SOME OTHER PRIZES \$100 Grandfather Clock

\$75 High-grade Dairy Cow

\$50 Victor Victrola

\$35 Diamond Ring

\$35 Fur Overcoat

Shot Gun, Gold Watch, Fur Robe, Camera, Clock, Carving Set, Fur Mittens, Skates, Safety Razor, Pocket Book

\$10 CASH

To the person who enters the name of the person who wins the contest. Enter your own name or a friend's.

Can you earn \$10 easier?

FARM AND DAIRY.

Enter this name in your \$2500 prize contest. Send all want advertisements, samples, circulars and helps.

Name

Address

Sent by

(Mark an asterisk by your name when writing contestants)

Orchard Drainage

By K. A. Kirkpatrick

There are two types of drainage that must be kept in mind in locating and planning an orchard: air-drainage and soil-drainage. The selected spot should be high; for cold air seeks the lower levels, and frosts come first in "pockets" and low-lying places. If a valley or coulee is chosen, there should be a wide opening at its lower end. A rolling site, somewhat elevated, will usually afford good air-drainage.

Seldom See

A body like this, but your horse may have a horse of this kind.

ABSORBE

It will clean them out of without laying the horse up. No blister, no hair grow, no sore bottom. Absorbine your cure for

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