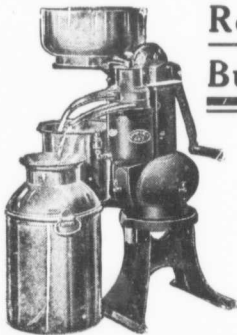


## Rome Was Not Built in a Day



That is a true if a somewhat hoary proverb. In all the realms of science, art and invention, nothing has ever been accomplished by any "sudden flash" of genius, but rather by the system of patient plodding and experiment, and the application of the wise man's principle of "line upon line, precept upon precept, here a little, there a little." That is the story of the development of the cream separator and the milking machine which finds its climax in the perfected

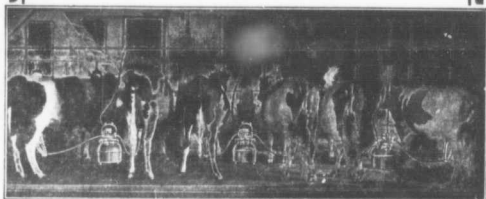
## Simplex LINK Separator AND B. L. K. Mechanical Milker

It has taken many years of patient labor and experiment with all kinds of separators and milking machines to produce the now perfect **SIMPLEX SEPARATOR** and the **B. L. K. MILKER**, two of the greatest money savers and money makers on the modern farm. Write us for information on the B. L. K. Milker and Simplex Separator. Do it now. To-morrow you may have bought a milking machine that will be a disappointment. You take no risk with the B. L. K. or Simplex. They have been a demonstrated success on hundreds of farms throughout the Dominion.

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We want agents in a few unrepresented districts.



## The Ninth Annual Dairy Magazine Number of Farm and Dairy

will be published April 5

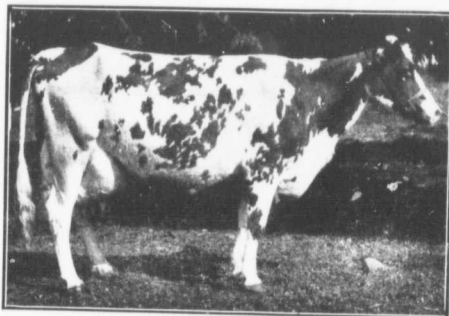
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For Real Protection

gives life time service. It made of the best Open Weave steel fence wire, all sharp points burned out, all the strength and toughness left in. Makes the fence elastic and springy. Will not sag or break under sudden shocks or quick animals. Perfect drainage. Galvanized to prevent rust and the coating will not flake and slip off. Can be stretched over the most hilly and uneven ground. No need for posts or bracing. Every joint is locked together with the well known "Twist-on-Lock". The fencing is strong and gives greatest support and requires only about half as many posts as other fences, and is dead end ending. It also fits the most farm, poultry, fencing and ornamental fencing. Agents nearly everywhere. Agents wanted in unrepresented districts.

THE BANWELL-HOXIE WIRE FENCE CO., Ltd.  
Winnipeg, Manitoba Hamilton, Ontario



Grandview Rose, a Great Ayrshire Matron in a B.C. Herd.

She is owned by Shannon Brothers, Cloverdale, B.C., and is the first Ayrshire cow in Canada with an official record of over 20,000 lbs. milk and 1,000 lbs. butter. Her record is 21,423 lbs. milk and 900 lbs. fat. This is equal to 23,000 lbs. milk record under no-handing rule. She was five years and 22 days old at the commencement of her test, and completed her record on January 31st, 1917.

## The War on Orchard Pests

W. E. Biggar, in The Canadian Horticulturist

THERE never has been a year when disease has caused such loss, especially to the apple growers, as during the season of 1916, nor has there ever been a season when it has been so positively and clearly proven that it pays to spray. Practically all apple orchards where spraying was neglected were worthless, so far as this season's crop of fruit was concerned.

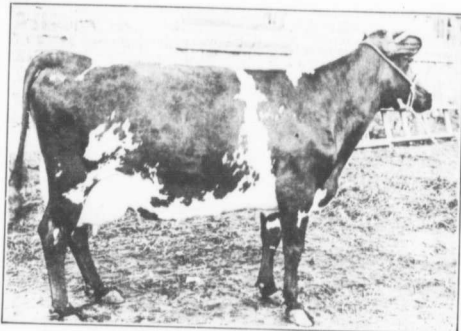
After careful observation I am convinced that the orchard that does not have to fight off disease, but has been relieved from disease by spraying, will be more vigorous and more likely to produce a crop next season than the unsprayed orchard will.

What means are there of controlling the pest of our orchards, aside from what the fruit grower can do? Our native birds are our best friends, and do more in controlling insect pests of the orchards than the average person realizes. It would be difficult to grow fruit successfully without the aid of our birds, even though the fruit grower put up a most determined fight to save his crop from destruction. I believe our birds destroy nearly one-half our insect pests. It is necessary that we do all that we can to protect our friends the birds from their enemies.

The enemies of our native birds are the English sparrow and the cat. Years ago there were great numbers of cave sparrows around every farmer's barns in this section. Their nests were so thick as to nearly touch each other, as they were built under the eaves of the barn. For some time I have not seen one of these birds. Where did they go? The English sparrow came and took possession of their nests and drove the cave sparrow away. Three years after the English sparrow came to my father's barns the cave sparrow had disappeared. One seldom finds the blue bird nesting where once they were numerous. The English sparrow has taken possession of their nests.

It is estimated that each cat devours at least fifty birds a year. If the boys from the towns and villages would shoulder their guns and go hunting cats, instead of shooting our birds, they would be doing a kindness to the farmer and fruit grower.

I would suggest that a tax be put on cats, the same as there is on dogs. It has been proven that children will contract diphtheria from cats. This alone should be sufficient reason for getting rid of them. Let me urge upon every fruit grower not to neglect spraying.



Milkmaid of Orkney—A 1916 Silver Cup Winner.

Mr. Harmon McPherson, Copetown, Ont., is the owner of this grand Ayrshire cow, which is the winning Ayrshire in the B. O. test in the 4-year old class. She has a record of 14,882 lbs. milk and 626 lbs. of fat and scored 14,121 points in the competition. She makes a new butter fat record by an increase of 4 lbs. This record wins for her a handsome silver cup which was presented to her owner at the Ayrshire Breeders' Annual Meeting held in Montreal last week.