

## The "SIMPLEX" Cream Separator

As shown in the illustration herewith, is a convenient machine. It is of convenient height to operate. The supply can be low down, and yet the discharge pipes are high enough up to discharge into standard sized milk cans.

The machine is easily accessible for cleaning. It is substantial and heavy. It will last at least a lifetime.

It will pay you to know all about the "Simplex." There are exclusive features on the "Simplex" not to be had on any other separator.

In addition to the mechanical construction which is all to the good in your favor, we are sure that there is no manufacturer using a higher grade of material than we use in the "Simplex" separators. Take for instance, the bowl spindle. It is made of a special formula, furnished by one of the best metallurgists in the country. In fact, the consulting metallurgist for the leading manufacturers of American automobiles.

This steel is subjected to a special heat treatment, whereby it has an elastic limit, three times as high as ordinary steel. The same is true of the bowl cover, and of the middle point or pinion, that meshes with the larger "pur wheel." It is made of Vanadium steel, or nickel steel, of the same kind that is used in the transmission gears in the best grade of automobiles. We believe that we are the first to use these special alloy steels in cream separator construction.

The "Simplex," as far as we are able to judge, represents a higher manufacturer's cost than any other separator on the market. The two more than all the bearings put together in most other cream separators. And yet on account of the large number that we import, single orders covering over 10,000 bearings at a time, we are able to furnish them as extras at a reasonable price, so that the cost of replacement, if needed, is not more than in other machines.

*We believe that "the proof of the pudding is in the eating."*

*We allow you to try out the "SIMPLEX" on your own farm.*

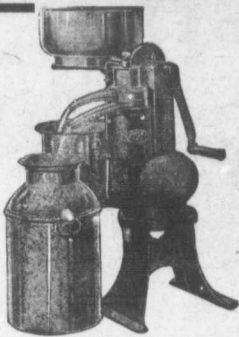
Write us to-day for free illustrated literature about the "Simplex." Arrange to have a "Simplex" Cream Separator on your farm. Then you will make sure that the "Simplex" is the best cream separator for you.

## D. Derbyshire Co., Ltd.

Head Office and Works: BROCKVILLE, ONT.

Branches: PETERBOROUGH, Ont., MONTREAL and QUEBEC, P.Q.

WE WANT AGENTS IN A FEW UNREPRESENTED DISTRICTS



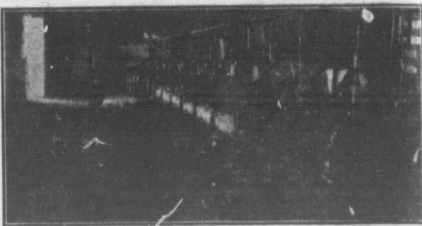
The favorite everywhere it goes. Note its heavy and heavy compact construction, with low-down, handy supply can only 2½ ft. from the floor.

## What Cow Testing Did for W. E. Thompson

WOODSTOCK, situated right in the heart of one of Canada's greatest dairy districts, is the post office address of W. E. Thompson, secretary of the Oxford District Holstein Breeders' Club. Post office addresses, however, are rather deceiving in these days of rural routes, and a Farm and Dairy representative who journeyed to Mr. Thompson's farm some months ago, finally located his "hundred" some five miles from the town. Our object was to inquire into

the average, and these latter did not long find room in the Thompson stables. The best ones were selected as a basis for a new herd. These seedlings was added breeding, and a pure-bred sire has been at the head of the herd ever since.

The progress upward has been steady. In 1908 the herd averaged 10,000 pounds each; in 1909, 10,500 pounds; and in 1911 and 1912 the average was over 12,000 pounds of milk. Thus did Mr. Thompson effect



### A Stable Suitable for Its Pure Bred Occupant

Few dairy farmers have started at the bottom and come more rapidly to the top as a breeder than has Mr. W. E. Thompson, of Oxford Co., Ont. Starting with ordinary grade cattle, he now has a high producing herd of pure-bred Holsteins. His stables have been improved to almost as great an extent as the herd used.

Note the up-to-date equipment herewith.

ways and means followed by Mr. Thompson in improving his dairy herd at such a rapid rate that C. F. Whitley had selected it from the hundreds entered in the cow testing associations in Canada for special mention in his annual report.

We found that Mr. Thompson has no special secrets to divulge, nor is he aware of any royal road to dairy herd improvement. We found that for eight years he has been following the well-established rule of "breed, feed, weed." To this he has added a few purchases, so that whereas he started eight years ago with a grade herd averaging 5,000 pounds of milk a year, he now has a herd of pure-bred registered Holsteins, averaging over 12,000 pounds of milk a year.

Mr. Thompson's eyes were opened to a few things he had not known about his cows the first year he join-

ed an increase of over 100 per cent in production and several hundred per cent in profits by following the well-worn path of "breed, feed, weed."

All of these years the proportion of pure-bred females had been increasing, and at the present time the herd numbers 30 head. A milking machine has been installed, "which is doing grand work," and so pleased is Mr. Thompson with the contrivance that he is planning to double the number of cows, as he believes his 160 acres will feed 20 milch cows, besides the young stock. "The present herd sire is from a daughter of Pontiac amycke, and a son of King Walker. Some semi-official testing has been done and some of the cows have made over 90 pounds of butter in seven days.

Mr. Thompson himself was absent when we called at his home, but Mr.

## The 1915 Harvest

12,896,000 Acres of Wheat will be harvested in Canada this Summer.

Increased prices will prevail—increased prices for every food product our farmers produce.

This means better homes on our farms, better farms, better machinery—more luxuries for the home.

Every Canadian Factory can share in this prosperity. Place your goods where our people will know them. Start in our GREAT EXHIBITION SPECIAL.

August 26th. Reserve Now.

Farm and Dairy - Peterboro, Ont.

### A Dairy Herd of the Money-Making, Interest-Paying Kind.

Nine years ago the herd on this farm had an average production of 4,500 lbs. of milk of each individual in the herd. As a result of this dairy detective work, he found a herd average of 5,000 pounds of milk or a little better, while one cow produced 15,760 pounds in a year, a cow, by the way, that he had purchased at a sale for \$32, neither he nor her former owner having been previously aware of her real value. He found that several cows in the herd were good producers and did more than their share to make the fairly respectable average of 5,000

pounds. Some more were away below

Thompson made an effective substitute in giving information. Later Mr. Thompson wrote us as to the feeding of his herd. "They are only fed twice a day," he writes, "unless they are on official test, when they are milked three times a day and fed after each milking. In the morning the cows are fed silage, then milked, then given roots with meal. After breakfast they get a feed of hay or straw, as the case may be. They have water always before them. At five o'clock they again get their silage, roots, meal, and hay or straw, the same as in the morning."

We Welcome  
Trade Increase  
Vol. XXXIV

Mr.  
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