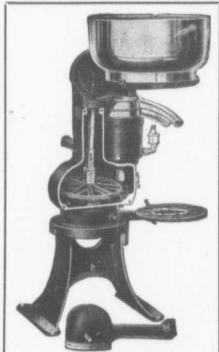


# WEIGHED IN THE BALANCE

Every Separator is "Weighed in the Balance" and most of them are "found wanting."

Not so with the "Simplex" Link Blade with the Self-Balancing Bowl.



The supply can be out of the way of the separator. The oil-drip-pan between base and body, catches all draining.

A striking characteristic of the new model "Simplex" is that the 1100 pound size can be turned by hand at the required speed with ease.

Send for literature giving full information concerning the "Simplex."

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WE WANT AGENTS IN A FEW UNREPRESENTED DISTRICTS

### O. K. Canadian U-Bar Patent Steel Stanchions



Are free and easy on the cattle, but strong and durable, being made of high carbon U-Bar Steel it is impossible to break or twist them out of shape. Throwing bar will not sag and guaranteed not to be opened by the cattle. Write for our prices and circulars on sanitary Stall and Stanchions.

Canadian Potato Machinery Co., Limited  
127 Stone Road, GALT, ONT.

**SOUTHEASTERN FARM LANDS**

Prime land in the Southern States from \$15 to \$25 an acre with abundant rain and most favorable conditions for diversified farming. Good soil produced from 1 to 4 cents per bushel. Long growing season and diversity of crops make this possible. Cheapest for dry-farmers. **Special**—Acre or more pay from \$100 to \$500 an acre. It's your chance to invest—invest these many opportunities. Write, M. V. RICHARDS, Land & Industrial Agent, Southern Railway, Room 1320, Post Office, Washington, D. C.

### Record of Performance Tests

During the year ending March 31, 1911, there have been entered in the Record of Performance test, 250 Ayrshires, 245 Holsteins, 12 Guernseys, 52 Jerseys and 86 French Canadian cattle. Those that have qualified for registration during the same period number 145, the entries for which were recorded in the last report. None of the animals entered in the fiscal year of 1910-11 have yet completed their test.

Official tests are now being conducted in all the provinces of the Dominion except Saskatchewan and Manitoba. At present over 100 herds are represented in the Record of Performance work by the entry of one or more individuals. Breeders of pure bred live stock have shown their appreciation of this test by their action in entering cows in the test, and many have written to the Department at Ottawa expressing their appreciation of the work done and asking that it be continued and extended. A report of the Records made by all cows can be had free on application to the Live Stock Commissioner, Ottawa.

### Report of Dairy Commissioner

The annual report of the Dairy and Cold Storage Commissioner for the fiscal year ending March 31st, 1911, contains information of value to every dairyman and fruit grower in Canada. The various features of the dairy industry in Canada for the last year are summed up in a most complete and comprehensive manner by the Commissioner, Mr. J. A. Rudwick. Twenty-five reasons why the dairy farmer should go in for cow testing are given by Mr. C. F. Whitely. Letters from dairy farmers testifying to the advantages that scores of them have received through cow testing, will make an interesting reading for all farmers who keep dairy cows.

Market conditions and prices in various countries, and more particularly in Canada, Great Britain and the United States, are dealt with by W. W. Moore, Chief of the Markets Division. Of interest to fruit men will be the report of McNeill of the Fruit Division. A post card to the Dairy and Cold Storage Commissioner, Ottawa, will bring this report to you free of charge.

### What is Good Hay?

T. G. Raynor, Seed Division, Ott. Ont.

While the hay crop was, generally speaking, a light one in Western Ontario this year, it was as generally a good one in the Ottawa and St. Lawrence Valleys. It might be classed almost as a "bumper crop" in the latter section. There is, however, more feed value in the Western Ontario hay crop, light as it is, than there is in the Eastern crop under the conditions of harvesting that prevailed.

Both Eastern and Western farmers had good weather for making first-class hay. Most of the Western men start having early enough to save it at its best. Especially is this true in handling the clovers. Unfortunately, there wasn't much to handle. In the East, however, both the clover and timothy came in well. The Eastern farmers seem to be so conservative in their methods that most of them would think it a "sin"—I was going to say "sin"—to start having before the "Glories" of July no matter how the season shaped in maturing it. The result is that about half the timothy had gone to seed before it was cut for hay, and plenty of it is worth more for seed than for hay.

I met a hay buyer in June this year who told me that he had paid demurrage dues on a car of hay for a

day or so in order that the farmers of the district where he was buying might see what first-class hay looked like when baled and ready for shipment to "Uncle Sam's" dairy sections. He pointed out why he could pay more for such hay if they would make it that way than for the hay they were making.

### Items of Interest

The biggest single premium ever offered for live stock will be given at the National Dairy Show, Chicago, Oct. 8-20th to November 24th, to the breeder who can show the best five cows of one of the dairy breeds. This prize is \$1,000. It is not necessary that the breeder exhibiting them own all the cows in his exhibit. In the same class there will be a prize to the second placing of \$250, and to the third of \$100. All entries must be in by October 15th.

The Forest Branch of the Department of the Interior is making a study of the methods followed in the national forests of Montana. A new interest is being evidenced in reforestation and before Forest Branch will be able to advise their correspondents as to reforesting it will be necessary to make a study of various kinds of woods and land to which they are suited. The United States has already spent immense sums of money in such investigations and it is proposed to take advantage of their expenditure.

"Government Assistance to Agriculture in Certain Countries of Europe," is the subject of a new bulletin by H. S. Arkell, B.S.A., Assistant Live Stock Commissioner at Ottawa. This bulletin contains much useful and valuable information regarding the methods followed in European countries in the dissemination of useful knowledge and otherwise assisting in this country and in other those countries. This bulletin will be of interest and profit to Canadian farmers. It can be secured on application to the Live Stock Commissioner, Ottawa.

We must feed our cows more. We must prepare to feed them in summer. If we will dairy in the summer only let us raise enough feed for the year then.—D. Derbyshire, Leeds Co., Ont.

Manure should not be used on grain crops, as it will produce weeds. It should be put on the hoed crop, where the weeds can be killed.—J. H. Grisdale, Ottawa, Ont.

The poor cow is a loss of cash, time and energy. Suppose there were only three cows in each average herd of 14 that were causing a loss to their owners. This would mean 160,000 losing cows in the Province of Quebec alone, and that 90 hours of time was being wasted on each cow each year. In a 20-cent every untested herd there are several losing cows that should be made into beef.—C. F. Whitely, Chief of Records, Ottawa, Ont.

### THERE IS TIME YET

Yes, there is time yet! If you want to get one of the pure-bred pigs, either sex, Yorkshire, Tamworth or Berkshire, that we offer in return for the small club of only six new subscribers to Farm and Dairy, each \$1.00, get after it now. Write Farm and Dairy at once that you will start to get your friends and neighbors to be new subscribers. If we hear from you by Monday, October 16, we will give you extra time to get your club of six. Remember, we usually require nine in a club for this popular and valuable premium. For a list of more six new subscribers will oblige you to a pig. Now is your time! Get busy!

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