

**R. O. P. for Pure Bred Cattle**

According to Report No. 5 of the Canadian Record of Performance for pure bred dairy cattle conducted by the live stock branch of the Department of Agriculture of Canada, 746 cows and 25 bulls had up to the end of March, 1913, qualified for registration of Performance. The cows were divided among the several breeds as follows: Ayrshire, 325; Holstein-Friesian, 337; Guernsey, 13; French-Canadian, 21, and Jersey, 30. The bulls which qualified on having four daughters in the Record of Performance, each from a different dam, consisted of 15 Ayrshire and 10 Holsteins. A fact worthy of special attention is that several of the highest producers were milked three times daily for

varying lengths of time. Noted among these is Belle of Wellington, a mature Ayrshire cow, which gave 16,632.82 lbs. of milk and 311.46 lbs. fat, and Rosa Omega, a mature Holstein-Friesian, with a record of 18,003.7 lbs. of milk, and 574.07 lbs. fat. Many other excellent records not confined to any one breed, were made during the year.

This report contains the regulations governing the work, the standards for registration for the different breeds and the records of cows that have obtained certificates of the Record of Performance. A copy of this report can be had by making application to the Publications Branch, Department of Agriculture, Ottawa.

**AD. TALK**  
CCXXVIII**Making vs. Saving Money**

How much value are you planning to add to your farm during 1914? Unquestionably or otherwise that is the question we all ask ourselves each season. For every one expects to make some headway. How are you planning to add this value during the coming year?

It is to be a new barn, some new labour-saving machinery, some better stock or new fences, or are you the "old-fashioned, successful farmer" who puts a big "wad" in his savings account and draws 3 per cent. on it?

There is a vital relationship to-day between the big savings bank account and the tendency to take things easy.

Our up-to-date, progressive farmer to-day seldom has a savings bank account of any size. He cannot afford to loan his hard-earned dollars to the bank for 3 per cent. He can earn more than that on it by investing it in better equipment—in making his farm factory more efficient. He knows that the best of equipment is a money-saving investment—that a gasoline engine is cheaper to do work about the barn and more reliable than hired men—that the best fences are not too good for him—in short, that every improvement on the farm is an increase in his capital—with a corresponding return on the investment.

Farm and Dairy will issue its Sixth Annual Farm Improvement Number on May 7. If you are out for suggestions to improve your 100 acres watch its advertisements closely. Our advertisers will be on hand with everything for your needs. (Note low prices of fencing.)

We guarantee them all to you if in writing you mention—FARM AND DAIRY.

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**The Experimental Farms Report**

The information contained in the Annual Reports of the Experimental Farms of the Dominion Department of Agriculture is so varied and complete as to render these yearly volumes almost worthy the name of "Encyclopaedia of Agriculture."

The Experimental Farms System embraces the Central Farm and twenty branch farms and stations, each manned by a staff of specialists. At these widespread, well-equipped institutions practically every phase of agriculture, from the study and suppression of plant diseases to the breeding and raising of all manner of orchard, garden and field crops, and classes of farm animals, are taken up. In addition, seven outlying sub-stations carry on and report upon work of an agricultural nature.

The report for the year ending March 31st, 1913, makes a volume of nearly 700 pages crammed with the heat of what was accomplished and found out during the year. The information is so classified and treated as to be readily available to the reader in whatever subject he may chance to be interested. A large edition has been printed so as to supply for some time at least every applicant who will drop a card for a copy to the Publications Branch, Department of Agriculture, Ottawa.

An act was introduced recently in the Ontario House, the object of which is to amend the Tile Drainage Act. In the past money has been loaned to farmers for the drainage purposes at four per cent, principal and interest to be repaid in annual payments covering 20 years. The recent act, as introduced by Mr. Lucas, Provincial Treasurer, calls for an increase of the rate to five per cent on the money loaned, and the farmer is given the option of repaying the loan in either 10 or 20 years.

# You need a new DE LAVAL CREAM SEPARATOR NOW

**1<sup>st</sup>** If you are still using some gravity or setting process of creaming—

BECAUSE your cows have likely freshened now and your supply of milk is greatest.

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BECAUSE your young calves will thrive best with warm, sweet separator skim-milk.

BECAUSE with your increased milk flow your greater waste of cream, without a good cream separator, must run into more money than you can afford to lose.

**2<sup>nd</sup>** If you have a very old De Laval or an inferior separator of any other kind whether new or old—

BECAUSE the losses of the poor separator from incomplete skimming, and the tainted product of the hard-to-clean and unsanitary separator mean most when your volume of milk is the greatest.

BECAUSE of the ample and "more than advertised" capacity of the De Laval, with which you can separate more quickly and save time, when time means most to you.

BECAUSE an improved De Laval Cream Separator is so much simpler and more easily handled and cared for than any other, and you can't afford to waste time these busy days fussing with an inferior or half worn-out machine.



BECAUSE the De Laval Separator of to-day is just as superior to other separators as other separators are to gravity setting.

These are all facts a De Laval catalogue, to be had for the asking, helps to make plain, and that every De Laval local agent is glad of the opportunity to prove to any prospective buyer. If you don't know the nearest De Laval agency, simply write the nearest main office, as below.

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