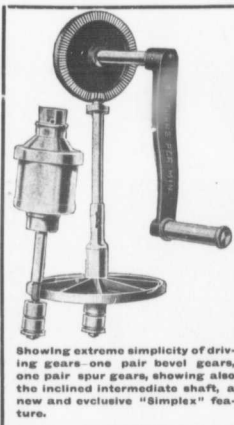


There is a Difference in CREAM SEPARATORS

SOME farmers have an idea that all Cream Separators are alike. Because the machine they are using is not a success they conclude that there is not a better machine and that they will "just make it do for a while."



Showing extreme simplicity of driving gears—one pair bevel gears, one pair spur gears, showing also the inclined intermediate shaft, a new and exclusive "Simplex" feature.

There are many kinds of Cream separators, some are almost useless, some "pretty good," but there is only one make that will give entire satisfaction no matter how difficult the test. The "only" machine is—

The Simplex Link- Blade

This is because it is the only machine having the LINK-BLADE Separating device and the SELF-CENTERING BOWL. These two features alone make the machine superior in construction to any other machine. But! there are other points of excellence about the machine that are just as important, with the result that the SIMPLEX is a machine of life time-lasting value. Our new Booklet is brimful of Separator facts and is free for the asking.

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A. P. E. I. Cow Leads the World

A two-year-old Avshire heifer, Milkmaid 7th, owned by MacRae & Sons, East Royalty, P.E.I., on Aug. 2 commenced her year test in the Record of Performance, in which test she qualified with a milk production for the year of 11,696 lbs., having an average percentage of fat of over 4.4. This is said to be the world's record, the distinction having been formerly held by "Lazel of Samar-hill," owned by Carr & Son, Almonte, N.Y. This animal in one year gave 11,678 lbs. of milk; thus the McRaes' heifer has a lead of 618 lbs.

The heifer Milkmaid 7th is remarkable for her persistency as a milker more than for any great flow of milk in any one day. Her largest record for a month was in September, when she gave 1,000 lbs. On the last day of her test (Aug. 7th) she gave 20 lbs. At the beginning of her test (Aug. 3, 1910), she was two years, 285 days old.

The Canadian record has been held by "Speck of Springbank," owned by A. S. Turner & Son, of Ryckman's Corners, Ont. She commenced her test on September 3, 1909, and was then two years, 319 days old; she gave in the year 10,353½ lbs. milk, with an average per cent. of fat of 4.20.

Farm and Dairy, in its Special Exhibition Number, August 31st, will have more to say about this new world-leading cow

How a Farmer Loses by the Tariff

"I am in favour of the trade agreement," stated Mr. Jas. McEwing, of Wellington Co., recently, "for two reasons I will illustrate: During the 12 months just past I sold off my farm 30 tons of hay. It was worth to me what it was worth in the New York market, less the pressing charges, the freight charges and the duty. The first two charges were legitimate. The third, of \$4 per ton on every ton before it entered the United States, was just that much taken from me and paid into the United States treasury. If there was no tariff on that hay there was \$120 that would have gone into my pocket.

"I have at the present time 33 acres of barley on my farm; averaging it at 30 bushels an acre there is a crop of 1,000 bushels, for which the United States at present charges 30 cts. a bushel before it can enter the country. The United States Government levies a toll of \$900 on my 1,000 bushels of barley. There is a total of \$420 levied by the United States on my produce which the trade agreement will remove. Even taking it for granted that all of that amount did not come to me, at least half of it would, and that is an amount worth while for the average struggling farmer"

Lands, Fisheries, Game and Minerals

A valuable publication has just been issued on "Lands, Fisheries, Game, and Minerals," by the Dominion Commission of Conservation. The book is a large volume of some 525 pages, substantially bound in cloth and fully illustrated throughout with maps, diagrams, and two-color photo engravings. It represents a great deal of exacting research work, and makes available to the average man a mass of instructive and entertaining information otherwise unobtainable by him.

The section devoted to lands describes the agricultural survey of 100 representative farms in each province, made by the Commission of Conservation in order to ascertain just what the condition of agriculture is in Canada. Some of the subjects on which information was obtained are:

rotation of crops, use of manures, prevalence of weeds and insect pests, water and fuel supply and the use of selected seeds. One of the striking facts revealed is that not more than nine per cent. of the farmers of Canada follow any intelligent and effective rotation of crops. By the adoption of more scientific methods which could readily be put into effect, it is estimated that the field crops of the country could be doubled in 20 years. The report is replete with agricultural information of value because it is not hearsay, but a statement of actual facts scientifically obtained by men in the field. An article in Agricultural Production in Canada indicates just what each province has produced of field crops, fruit and live stock since 1891, and also gives crop areas and comparative crop yields.

The book may be had on application to Mr. James White, Secretary of the Commission, Ottawa, Ont.

Pointers for Dairymen

A cross dog has no place in the dairy. He is worth more dead than alive.

It is a mighty poor cow that will

Prize Farms Awards

The relative standing of those farms in Ontario entered in the Interprovincial Dairy Farms Prize Competition has been prepared by the judges and is ready for publication. As yet Farm and Dairy has not received the awards for those farms of Quebec province entered in the competition. The judges have completed their work of judging in the Agricultural Merit Competition conducted by the Quebec Government but have been so busy they have not as yet had an opportunity to make their report.

The report is expected shortly, when all the awards will be announced in Farm and Dairy at the same time.

not respond to good care, good feeding, and comfortable surroundings.

In order that the dairy may be of the highest financial success most of the feed must be raised on the farm.

The man who makes a success of dairying is kind to his family. So the connection? Well, it lies in the fact that the man with a kind disposition is most successful in handling cows.

Items of Interest

The Ontario Department of Agriculture will occupy a tent in the same locality on the Canadian National Exhibition grounds as for many years past. Representatives of the various branches will be in attendance throughout the exhibition with a view to consulting with farmers and others who are interested in the work of the Department.

Alex. Hazellit of Adolphustown, was charged at Nanapanee recently with illegal packing and marking of apples. The complaint was laid by Inspector Brown on the grounds that the apples, when inspected at Montreal, were found immature, wormy and largely culls. Hazellit pleaded guilty and was fined. There has been a great deal of complaint this year about the shipment of green, immature apples, a practice which seems to be on the increase every year. Apples have been sold in Ottawa stores which should have been condemned by the Health Inspector.

Issued
Each Week

Vol. XXX.

A D

Facts in Connection
Which will

RECENTLY received of growing crop. From it I learn farmer 54.9 cents. I presume that this figures are interesting by some Farm and figuring as to how to sow.

COST OF

Year	
Number of replies ..	
at rest and taxes (on	
Paving	
Tarrowing	
Baking	
Seed	
Seeding	
Harvesting	
Interest and depreciation	
machinery	
Miscellaneous	

Total cost per acre

Yield per bushel

Cost per bushel

Our conditions here are in Nebraska, scarcely in setting for us to get about to come to grow a certain crop. It is generally held in Ontario is a merit is true in a sense cented by the that in 1910 Ontario of wheat. It is evidently of considerable a little discussion.



The Government Ex and varieties of crops at Billies of agriculture in