

## There is a Difference in CREAM SEPARATORS

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

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

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.

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 lifetime-lasting value. Our new Booklet is brimful of Separator facts and this free for the asking.

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WE WANT AGENTS IN A FEW UNREPRESENTED DISTRICTS

## YOUR BARN SHOULD HAVE A BT HAY UNLOADING OUTFIT IN IT



1st. Because it will enable you to unload in from three to five minutes the largest load. No other investment of the same amount of money will save as much time or hard work.

2nd. Because the BT is the best line of hay tools built. We build Steel, Wood, Rod and Cable Truss Outfits and Forks and Slings of every description. It will pay you to find out their merits before you buy.

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**"PRETTY BROS., - FERUS, ONT.**  
We also build Litter Carriers, Steel Stalls and Stanchions.

## Entries in Prize Farms Contest

With the possible exception of two entries concerning which there has been some correspondence, the entries in the Interprovincial Prize Farm's Competition for 1911 and 1912 have closed. Altogether there are 35 entries compared with 46 entries in the competition held two years ago. As, however, 10 of these entries are from the province of Quebec, it will be seen that the number of entries from Ontario in this competition are much less than in the competition held two years ago. We find it hard to account for this as the competition has been equally as well advertised, the only possible explanation being the extra shortage of labor.

The fact that three counties in the province of Quebec have entered almost one-third as many farms as the whole province of Ontario, shows that the farmers of this famous section of Quebec are thoroughly progressive and indicates, as we have intimated before, that Ontario will have a hard time in the Interprovincial Contest next year. The famous gold and silver medal farm of Mr. R. R. Ness, of Howick, Que., is included among the entries from that province.

Owing to the fact that only six entries were received from districts 4 and 5 in western Ontario, in each of which 10 prizes were offered, the committee, in accordance with the rules of the competition, has revised these districts, making them into one, and including two cities from that portion of the county of York, east of Yonge street, that otherwise would have been in district No. 4, covering all of western Ontario and York county.

The judging of the farms will commence in Quebec during the first week in July. In the province of Quebec, through the kindness of Hon. Mr. Caron, Minister of Agriculture, arrangements have been completed with Mr. I. J. A. Marsan, of L'Assomption, Que., the secretary, by which the judges sent out by the Quebec Department of Agriculture, to judge the farms entered in a special contest being held in that portion of Quebec this year by the Quebec Department of Agriculture, will also judge the farms entered in Farm and Dairy's Prize Farm's contest. These judges are Mr. Thomas Drysdale, Allan's Corners, County of Chateaugay, and Arsene Dennis, St. Norbert, County of Berthier, P. Q., who have been kind enough to consent to act. All the farms entered in Farm and Dairy's contest, with the exception of the farm of Mr. Ness, which being a gold medal farm, is not eligible to compete, have been entered in the Provincial Farm's Competition this year. The courtesy of the Quebec Department of Agriculture, and of the officers of the Provincial Farm's contest, in granting this assistance, is much appreciated.

The farms in Districts 2 and 3 of Ontario, will be judged by Mr. Henry Glendinning of Manilla, president of the Eastern Ontario Dairymen's Association, and the well known institute speaker and dairy authority, who judged the farms in western Ontario in the contest held two years ago, assisted by Mr. F. E. Ellis, B.S.A., one of the editors of Farm and Dairy. The farms in western Ontario will be judged by Mr. Simpson Rennie, Ontario's famous gold medal farmer, and by Mr. Chas. C. Nixon, B.S.A., another of the editors of Farm and Dairy.

### THE CONTRIBUTORS

One noticeable feature of the Prize Farm's Competition held this year, is the fact that only four farms in Ontario that were entered in the contest held during the past two years, have re-entered this year's contest. The prize-winning farmers of the past competition seem content to rest upon their laurels.

The farms entered in the various districts are as follows:

District No. 1.—Including the counties of Chateaugay, Beaurivage and Huntingdon, in the province of Quebec.—Jas. Ritchie, Dewittville; John Brown and John W. Logan, Howick Station; John Geddes, Andros; Geddes and R. D. McNeill, of Ormstown; Jas. McKell, Riverfield; Alex Younie, Brysonville; R. R. Ness, Howick, and Stirret Cameron Dundee, Que.

District No. 2.—That portion of Ontario lying east of Kingston.—J. D. McInnes, Glen Payne, Ont., Stormont county; J. E. Goldwell, City View, Carleton county; W. W. Hicock, Sealey's Bay, Leeds County; T. J. Graham, Britannia Bay, and W. F. Bell, Britannia Bay, Carleton county; Wm. Wightman, Lancaster, Glengarry County; Wm. H. Gallinger, Cornwall, Stormont county.

District No. 3.—That portion of Ontario lying between Toronto and Kingston, not including the county of York.—J. A. Stewart, Sr., Meira, Northumberland county; Chas. Dunn, Little Britain, Victoria county; S. A. Northcott, Tautou, Ontario county; C. H. Hosen, Keena, Wm. Telford, Bridgenorth, and C. & E. Telford, Bridgenorth, Peterborough county; E. Budd, Preciscous Cors., Northumberland county; R. G. Gorman, Ontario county; Jas. Gay, Frankford, Northumberland county; Geo. W. Anderson, Rossmore, Prince Edward county.

District No. 4, being all of western Ontario, including all of York county.—Wm. James and R. F. Hicks, Newtonbrook; W. A. Patterson, Agincourt, and J. C. Bales, Lansing, all of York county; Ont.; Jas. Patte, Bradford; Isaac Holland, Brownsville, Oxford county; Wm. Jull, Norwich, Oxford county; A. S. Turner & Sons, York, Westwindsor county.

It will be noticed that famous York county has four entries or more than any other county, as was the case two years ago. Peterboro, Northumberland and Carleton counties each has three, and Ontario and Stormont counties two each. The noted dairy center, Oxford county, in which Farm and Dairy has a larger number of subscribers than in any other county in Ontario, it being followed closely by Peterboro county, has only one entry, while other noted dairy counties such as Perth, Middlesex, Elgin and Deserudas, have no entries. Farmers in these counties knew about the contest but seemed unprepared to take part and, therefore, the honors in this contest will go elsewhere.

## Shipping Peaches to Great Britain

Great interest was taken last season in the trial shipment of peaches sent to Great Britain by the Dominion Cold Storage Branch. Commodities arrived at from these shipments are summarized in a bulletin No. 27, issued by the Department of Agriculture, as follows:

"These trial shipments have demonstrated that Canadian peaches can be delivered in Great Britain in good marketable condition provided proper care is exercised in packing them for shipment. Only peaches of good quality, of large size and with a certain amount of ripeness, of which the peaches can be cooled before shipping they may be picked in a more mature condition, which would add to their flavor, size and appearance. Only a comparatively small quantity of peaches can be disposed of in Great Britain at the prices realized for our shipments the past season, and if growers desire an outlet for a considerable quantity at a lower price will have to be accepted. The number of growers who are in a position to successfully cater to this export trade is limited, and any increase of acreage grower or shipper, following the average slip-ship method, nothing but disaster may be anticipated."

Issued Each Week

Vol. XXX.

EFFECTS James

Will Mustard Can be

To successfully cultivate, it is to omit a crop from this practice, however, is so on high priced land, every year and successful same time, other means for destroying weeds are we have in spraying.

Considerable experiments determine if weeds can be chemical solutions. Replication stations carried to show that certain we such treatment. In order of spraying solutions of Co., Ont., Mr. I. F. Mc Representative of the Department for the county, tions in different parts of Sunnidale Townships during 1910. Two acre plots badly infested with weeds sprayed on farms at Hampton, Brentwood, others. The demonstration days, and farmers who the work gathered to see were made and applied.

The apparatus used was a simple one. An outlet and pump was mounted on a pair of cultivated axle, which supported the barrel. A brass tube in the rear of the platform with the pump by a hose nozzles on the tube, one in the centre, the distance raised about 18 inches. raised or lowered by means the nozzles could be spray downwards or towards cart was drawn by one horse.

There was not much the horse, or broken do cart. No damage to the a few days after the spray was used. A spray used, with two men ample pressure for six number of nozzles the considerable area in a

SPRAY MAT

The materials used were iron sulphate (red). The iron sulphate was