

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."

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



D. Derbyshire & Company

Head Office and Works: BROCKVILLE, ONT.

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

WE WANT AGENTS IN EVERY DISTRICT

COLD STORAGE AND A MARKET



Butter and Cheese Makers desirous of selling their products in Montreal will always find buyers and excellent Cold Storage facilities at the

COLD STORAGE COMPANY'S STORES

there. Leading Factory men throughout the country have for years made use of these stores as a market, obtaining the highest prices for their Goods with immediate payment. Write us and learn how this is done.

COLD STORAGE COMPANY

Grey Nun and William Street
MONTREAL - QUE.

It is desirable to mention the name of this publication when writing to advertisers.

A Generous Contribution

The Canadian Salt Company, of Windsor, through its manager, Mr. E. G. Henderson is so thoroughly impressed with the benefits that is likely to arise through the holding of the prize farms competition that is being held this year in Ontario by Farm and Dairy, that it has contributed \$200 towards the expenses of the competition. In making this contribution, Mr. Henderson wrote Farm and Dairy as follows:

"This Company will subscribe \$200 towards your Prize Farms Competition.

"As you are aware, we take great interest in the farming industry, and especially anything that pertains to dairying, and if anything can be done to teach farmers that it is most essential that barns, stables, buildings and everything relating to the dairy industry, should be kept in a scrupulously clean condition, we will be glad to assist and think you are to be highly commended for your action in this matter."

Such letters as the foregoing show plainly how thoroughly the firms that send them appreciate the value of these competitions. They are encouraging us to extend the scope of the competition.

A Boon to Ontario Farmers

Valuable work is being done for the cause of agriculture by the various branch departments of the Ontario Department of Agriculture. These offices with their representatives are now established in 11 counties, namely: Essex, Norfolk, Waterloo, Simcoe, Ontario, Victoria, Peterboro, Prince Edward, Perth, Dundas and Carleton. Results accomplished to date have well justified the expenditure, and it would seem that the time is not far distant when every county in the Province will have a branch office of the Department within its bounds. Some idea of the nature of the work of these offices and the results being accomplished may be gained from what is being done in Victoria County. The branch is located at Lindsay and is under the direction of Mr. D. A. MacKenzie, B.S.A. An editorial representative of Farm and Dairy recently called on the Department.

Mr. MacKenzie has been visiting a large number of public schools throughout the county and introducing his work among the teachers and among the boys who have reached an age where an agricultural course in the Collegiate will determine their future success on the farm. The boys, we learned, seemed very enthusiastic. A large agricultural class is expected to enroll in the Collegiate next September.

WEED COMPETITION

Mr. MacKenzie has introduced an excellent scheme for getting the boys interested in weeds. He has inaugurated a competition in the public schools. Any rural school in the county may compete. Under the supervision of the teacher in charge and with the co-operation of the pupils, troublesome weeds are gathered, mounted and left with the Department of Agriculture to be judged at the Lindsay Fall Fair. Competent judges will be appointed later. Prizes in money are given for the seven best collections. In addition, a shield will be given the schools winning first prize. The collections become the permanent property of the Collegiate for botanical work in the agricultural class. A large number of schools have entered the competition. It will prove valuable in that the boys are becoming interested in the weed problem.

Three miles west of Lindsay, on the farm of Mr. W. West Arksay, the Department is carrying on some artificial fertilizer experiments. Mr. Arksay has a field which was a dense swamp three years ago. After cleaning and draining it, he found that the exces-

sive nitrogen present, due to an over-supply of decayed organic matter, gave too much straw compared with the amount of grain. Other food elements essential to the plant's development, were lacking. Appearances of his crop on that field now, show the value of these fertilizer experiments, as the grain is not only further advanced but is of better color and much more promising than that which received no fertilizer.

EXPERIMENTAL PLOTS

The Department has an acre of land to the rear of the General Hospital within the town limits, for experimental purposes. This land is divided into plots 1 x 2 rods. Six different varieties of oats which were grown by Victoria County men and which won the six highest awards at Ottawa in the seed-grain competition, are being grown and compared on these plots. Different varieties of wheat, barley and emmer show their adaptability to that particular soil. Timothy, tall oat grass, fall fescue and orchardgrass show the comparative value as permanent grasses. Varieties of silage corn planted are looking splendidly. They serve to show the best strains for silage purposes. Three varieties of sweet corn are being tested also. Early amber sugar cane, tosunite, kaffir corn and cow-peas show to the observer their manner of growth and demonstrate their value.

DRAINAGE PROBLEMS SOLVED

The drainage problem in Victoria County is one of foremost importance. Mr. MacKenzie's work in solving the drainage problems is being highly appreciated. Many farmers are availing themselves of the golden opportunity offered to have surveys made. Large areas of land that were considered of little value because of not being underdrained before the Department of Agriculture gave generous aid, now give excellent crops and good all Lindsay branch is spacious and attractive and farmers are warmly welcome to call and get information.

Judging the Prize Farms

The work of judging the farms entered in the dairy farms competition being conducted over Ontario by Farm and Dairy is nearing completion. Mr. R. H. Ness, of Howick, Que., the well-known old model farmer of Quebec, has only one or two more days' work judging the farms in Eastern Ontario for the first time. It is expected that Mr. Glendinning, who is judging those farms entered in Western Ontario, will complete his task this week or early next.

The farms entered in the special competition for Peterboro County were judged on Monday and Tuesday a week ago. Mr. Ness, the judge, was accompanied by an editorial representative of Farm and Dairy. Two of the five farms entered in this special competition are not devoted to dairying. The other three are entered in both the local and the general competition. These farms are of unusual merit. They will give a good account of themselves in the final decision.

IMPROVED STOCK

A pleasing feature of these farms is the quality of the stock kept. In one instance the cattle kept were all registered, while each of the others had some registered stock and their grade cattle were of an exceptionally high class. An outstanding feature of Mr. J. K. Moore's place, Peterboro, is his well kept herd of grade Holstein cattle. He has 24 head of milking cows. For the month of June they gave a return, as recorded by the registry, of over 1,000 lbs. a day, they having given 31,000 lbs. for the month and had received no other feed than what the pasture provided. Mr. Moore takes the best of care of his cows. He sprays them daily with Dr. Williams' Fly preparation to keep them from

(Continued on page 5)