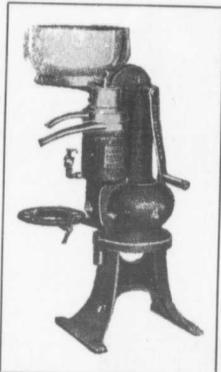


SPLENDID TESTIMONIALS



Recently a user of a **Simplex Cream Separator** said that a neighbor was planning to buy a new separator but before doing so he intended "looking around." As the result of the investigation the neighbor decided on the Simplex as a machine offering the best investment. So must it ever be.

Another thing, — the demand for Simplex Separators during 1910 was so great that we were unable to fill all our orders. We have provided against such a condition arising during 1911.

Remember all our machines are easy running, —our separator with a capacity of 1100 lbs. per hour turns **by hand with ease.**

Before buying a separator or replacing your old machine by a new one if you will investigate the qualities of the Simplex but one result will follow, you will get the **Simplex Link-Blade Separator** with the **Self-Balancing Bowl.**

SEND FOR OUR FREE ILLUSTRATED BOOK

We also handle all lines of Dairy Supplies

D. Derbyshire & Company

Head Office and Works: BROCKVILLE, ONT.

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

WE WANT AGENTS IN A FEW UNREPRESENTED DISTRICTS

THE LITTER CARRIER THAT SELLS ON ITS MERITS

WHY? BECAUSE:

The "B" LITTER CARRIER dumps to either side in discharging. Having double purchase and a straight gear, lifts much easier than other makes. Every carrier is thoroughly tested before leaving the factory.

Before buying a litter carrier outfit you should see different makes in operation. This is the only way to insure getting the Best.

Our catalogue is free. In writing let us know how many feet of track you will require.

We also manufacture Hoop Stalls, Stanchions and Hay Tools.

BEATTY BROS., FERGUS, ONT.

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

Ontario Experimental Union

In the words of the Honorable Sidney Fisher, Minister of Agriculture for the Dominion, who attended its sessions, the Ontario Agricultural and Experimental Union, which met for its thirty-second annual meeting in Guelph last week, January 10-12, Professor C. A. Zavitz has perfected the work of this organization to an extraordinary degree. The Experimental Union and the Guelph College have been a tower of strength to the agriculture of Ontario. These institutions have cost some money. The money has been well spent and it has brought and is still bringing a great return to the agriculture of the province.

The annual meeting of the Union this year was held some weeks later than on former occasions. Previously the meeting has been called early in December at the time of the Guelph Winter Fair. This year it was decided to convene at the time of the Short Courses in stock and seed judging at the College.

Student farmers were given much food for thought by Mr. C. C. James, Deputy Minister of Agriculture for Ontario, who delivered an address at one of the evening sessions. He instanced the fact that financial men, public men, and city men generally are interested in our work; afterwards he enlarged upon the problems now before wide-awake, intelligent farmers. He showed that the day of wheat farming and wheat alone, as we once knew it in Ontario, was past. The day for barley, and barley only, likewise, had gone. Now, we should devote our attention to raising high-class stock, dairying, fruit-growing and poultry.

PAY HIGHER FOR LABOR

Touching upon the labor problem, Mr. James said that the day of cheap labor had gone and it would never come back in our time in this province. Our farmers must adapt themselves to conditions as they find them and prepare to meet a yet further raise in wages for laborers. Those who assert that they cannot afford to pay more for farm labor, make their rating by old standards, whether or not one can afford wages of a certain rate depends upon the results he gets. A farmer should ask himself "How much can I make out of a man's labor?" One farmer, Mr. James said, can afford only \$10 a month, while his neighbor can well afford to pay \$25, \$30, or more. A farmer of skill, ingenuity with his work well systemized, can take high-priced labor and make money out of it.

THE MAN WHO SUCCEEDS

The statement was advanced by Honorable Sidney Fisher that farmers of Ontario to-day who are making the most money are graduates of the College. He pointed out that the man who succeeds is the man who makes use of his brains, and that the most successful man to-day must not use his muscles too much lest he become tired to an extent where he could not exercise his brains to the best advantage. He quoted statistics showing the value of our aggregate crops for the Dominion to be over \$600,000,000 this year. It would be no tribute at all for us to add at least 20 per cent. to these crops, and make the five hundred become six hundred millions. It would require no more capital; rather a little more knowledge and a little more care applied to the work which lies in the hands of the farmers, who, if they would but do as well as they know, would easily accomplish this result. The Minister went into details concerning the work of some of his most important departments. Much of his address will be reproduced in Farm and Dairy later, as space permits.

The retiring president, G. S. Henry,

of Orillia, placed the large responsibility, which rests upon students and ex-students of the College, squarely upon them in his presidential address. The College, he said, could only touch the fringe of the farming population. Ex-students were expected to become leaders in their respective communities and they should be instrumental in bringing about a general uplift in agriculture, raising the standards of production, demonstrating the dignity of our calling and generally upholding the status of the farmer, who should be recognized as equal to the best.

The main interest of the meetings centred in the reports of the secretary, Prof. C. A. Zavitz, who gave the results of co-operative experiments in cereals and legumes, fertilizers on farm crops, and experiments with potatoes, sweet corn, field roots, grasses, clovers and alfalfa. Those results will be given in full, as they are available in future issues of Farm and Dairy.

VALUE OF EXPERIMENTS

The Professor, before enlarging upon the results secured, impressed upon his audience how much we in Ontario owe to the thousands of farmers of the province who year after year are carrying on experiments with farm crops. We do not realize either the great value of these experiments to the experimenter himself and his neighbors. He also paid tribute to the splendid work and the untiring efforts of his assistant, Mr. Squirrel and Messrs. Gray and Whiteside.

The remarkable progress in the work in connection with the Union was shown by reference to the history of the organization. Whereas 25 years ago there was but one line of experiment attempted, this year there were 39 complete experiments and some 12,000 experimenters. One of the main objects of this experimental work in Ontario is to help farmers to help themselves, and to encourage them to do better work than they have been going in the past.

1 LB. INCREASES TO 900 BUSHELS

The Union is of inestimable value to the country at large through its distribution of pure seeds of choice varieties of farm crops. True, this seed grain is sent out in small lots. That, however, does not minimize the value of this work, as may be instanced in the case of Mr. John Elder, a man from Huron County, who was present at the meeting and who, from the one pound of O. A. C. No. 21 Barley, which he secured from the Union, increased the seed to over 900 bushels in three years.

Addreses other than those previously mentioned were made by Prof. S. F. Edwards, who reviewed results of co-operative tests in seed inoculation with legume bacteria; Dr. G. C. Creelman, Prof. R. Harcourt, A. H. McLennan, of the O.A.C.; P. P. Farmer, Toronto; Morely Pettit, Provincial Apiculturist; Prof. S. B. McCready, who gave a most important report on the extension work with the Public schools, as carried on through the school's division of the Union, Prof. E. J. Zavitz, J. Lockie Wilson, G. A. Putnam and others. Space does not permit of us giving details of their addresses this week.

OFFICERS

The officers elected are: Pres., W. J. Lennox, Newton Robinson; Vice-Pres., Prof. W. A. Goble, Woodstock; Sec'y, J. S. Squirrel; Treas., Asst. Sec'y, W. J. Board of Control, Dr. Creelman, R. I. Moorehouse, Cairo; J. H. Hare, Whitby; Nelson Montclair, Stratford; G. B. McCauley, St. Catharines; W. Dawson, O. A. C. Andlers, A. W. Mason and R. R. Graham.

Renew your subscription now.