

Another "Simplex" Feature

Easy Access To Gearing

NOTE the illustration. Instant access to the gearing of the separator is had by removing the large housing on the rear of the machine, and without disturbing any of the moving parts.

THE entire machine can be taken apart in two or three minutes and reassembled in about the same time.

THE clutch is the one-piece automatic safety clutch that has been so successfully used on the previous "Simplex" models.

AS far as possible the parts in all four sizes have been made alike and interchangeable. These include the principal parts of the frame, the gearing, bearings, tinware, etc. It is only by this system that such a

High Grade Machine

can be purchased at the prices.

THE ease of running, ease of cleaning, simplicity, self-balancing bowl, interchangeable spindle point, low-down supply can, the general pleasing appearance, and the perfect skimming of the "Simplex" make it the favorite everywhere it goes.

THERE are other advantages in favor of the "Simplex." These are explained in our literature, which will be mailed to you free on request.

BEAR in mind, too, that we are agents for the B-L-K Mechanical Milker. Tell us how many cows you milk, and we will give you estimates on what it will cost you to install a B-L-K.

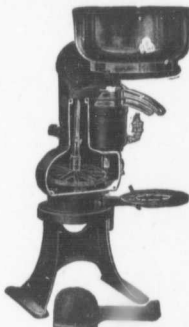
SEE our Exhibit of Milking Machines and Cream Separators at Toronto and Ottawa Exhibitions.

D. Derbyshire & Co.

Head Office and Works - - - BROCKVILLE, ONT.

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

WE WANT AGENTS IN A FEW UNREPRESENTED DISTRICTS



Showing Simplicity and Accessibility of gearing. Removing the body-housing exposes the gearing and lower bearings of the Simplex.



Give her a chance

A Cow's daily work is to produce milk. If she rests well and breathes pure air—if you make her comfortable—she does more and better work—she gives more and better milk. We had a book printed about this very thing. "The Proper Housing of Cows."

O.K. CANADIAN
STALLS AND
STANCHIONS

Every farmer interested in the profit end of the dairy business can have a free copy of this book by writing for it.

Canadian Pacific
Machinery Co. Limited,
GALT, ONT.

AGRICULTURAL EDUCATION IN RURAL SCHOOLS OF ONTARIO

Rural Education Discussed in an Important Educational Gathering at Guelph—Public School Inspectors Meet for Conference—The Rural Schools of the Future.

THAT "the rural school is capable of immensely greater service in ministering to the intellectual, social and spiritual needs of the population," is the opinion of all who have given earnest attention to the question of the improvement of rural conditions, a question that is now receiving much of the thought and attention of the best minds of the country. This growing conviction that the country school and the country school teacher must play a larger part than they now take in the life of our rural communities has led to the employment of various means to that end.

The chief agency so far employed has been the Ontario Agricultural College, especially the Nature Study Department under the direction of Professor S. B. Crookshank. The means employed, in cooperation with the Department of Education, are chiefly three-fold. First, and probably most important is the training of teachers. For some years, groups of teachers of the Normal Schools, who completed their course at Easter, have had the privilege of taking, free, a 10 weeks' course at the O.A.C., finishing before the summer vacation. Besides this there has been given a summer course, of five weeks, during each of two successive summers. By this means a body of teachers is being gradually trained for teaching in the rural schools, some of the subjects that have a close relationship to country life.

OTHER EDUCATIONAL AGENCIES The District Representatives of the Department of Agriculture are in many cases devoting, with excellent effect, a part of their time to the encouragement of school gardens, home gardens, school fairs, and other means for promoting knowledge of and interest in things pertaining to the farm. By the employment of Field Agents for Agricultural Education, who have jurisdiction of districts of considerable area, help and encouragement are given to teachers who are attempting the work.

Realizing that while progress is being made, the movement is necessarily slow, and that the most important element of success is the formation of an enlightened public opinion, a conference of school inspectors was held at the Agricultural College during the last four days of the teachers' summer course in order that these officials might be fully informed as to what is being attempted, as well as being better acquainted with the benefits and possibilities of the work. Accordingly, they met at the O.A.C., Guelph, on Monday, the 4th of August, for a conference the Public and Separate School Inspectors of the Province. Practically all were concerned with the work of the rural schools were present.

The forenoon was devoted to a study of the different branches of agricultural industry and the afternoon to discussions on the various agencies that are being employed to bring the work of the rural schools more fully into touch with the life and activities of the country. On Tuesday forenoon the possibilities of crop improvement were dealt with under the direction of Professor Zavitz. Wednesday forenoon was devoted to animal industry and dairymachinery with Professors Wade and Dean Leung. On Thursday attention was devoted to poultry, fruit growing and bee-keeping, under the guidance of Professors Graham, Crow and Pettit. A part of each morning was spent with the professor in viewing the department of the farm devoted to the par-

ticular subject under consideration for the forenoon. This was followed by lectures and discussion in the hall. These were of a decidedly practical character and well calculated to show the possibilities of the rural school and to suggest ways in which it can render more efficient service for the betterment of rural conditions.

The afternoon meetings were devoted to a consideration of the various agencies for the improvement of rural education. On Tuesday, county clubs, school fairs, potato contests, etc., were dealt with, showing how effective all these things have been made for the awakening of interest and promotion of better farming wherever undertaken with enthusiasm. Wednesday was devoted to reports from field agents, and a few minutes were given to the most interesting feature being the testimony that when agriculture has been taught in the schools both trustees and ratepayers are anxious for its improvement. It was the chief of teachers take place are willing to make sacrifices to secure those who have been trained for the work. Thursday p.m. was given to a consideration of the various agencies in the form of township boards and township trustees' associations.

EVENING SESSIONS

The evening meetings were a feature of the conference. On Monday night President Crookshank spoke of rural problems in Ontario, and the relation of the Agricultural College thereto, in his characteristic lucid and forceful way.

The consolidation of rural schools was dealt with on Tuesday night in a masterful manner, by Mr. S. C. Monahan, of the United States Bureau of Education. In an illustrated address he reviewed the history of the movement in the Republic to the south. In some of the States the movement has gone almost as far as it is possible for it to go, the whole of the rural schools being consolidated with the exception of a few in impossible positions in outlying districts. In this respect Ontario is very far behind as practically nothing has been done here. After listening to the story of what the consolidated rural school and the township high school has accomplished for rural education in the States, the conviction is left that in that direction there is a large measure of the solution of the problem is greatly strengthened. When the people of our rural communities fully awake to the benefits of consolidation, and aside their prejudices, and will go in for cooperation in schools as well as in other things, a long step will have been taken toward the end in view.

THE SCHOOL OF THE FUTURE

The aim and purpose of the gathering cannot be better stated than in the following words from the leader announcing the meeting:

"Agriculture for rural schools does not mean merely an additional subject. It means a new purpose! It means a new method! It means a new school! It means education for the country life!"

"The Country School of the future will not be a new kind of school, however, simply because it has added a new subject to its list of studies. But in the teaching of this new subject it will find a new sense in the community, and a new meaning in education for country people."

"It will be the local experimental farm in a simple, but effective way, it will introduce new artists of farming."

(Continued on page 9.)

Issued
Each Week

Vol. XXXII.

THE

The First of a Series
in Ontario. The

THE title of the book has been "The Rural School at Durobin" serve the end of the farm at present when the dairy has recently it is the lines that suggest profits.

Durobin Stock is present site by present owner, who of the virgin force of Lake Simcoe, owner left the farm rather the firm by that name, in connection with the interest in a practical 100 acres from time had 600 acres.

FARM CR

This acreage has the acreage now operated of three farms constantly under cultivation was good land following on continuing the soil is undergoing in regard to fertility.

The father of the Donald Gunn, of Toronto, holdings personally farming followed with pleasure than profit. who had lived in the joint management of Agricultural College. The changed into the Donald Gunn would be money on fancy terms.

DAIRYING

To men, like man who have founded practically with their made to pay hand manager of Durobin change was made established. Up till farming had been today, after a trial of has been increased in his milk to help keep The methods of operation slightly as time mental idea of milkin a good return for