

# A BUMPER CROP

The Western farmer looks to his wheat fields for his harvest. The dairy farmer depends largely on the product of his dairy. A great deal of the dairy farmer's

success depends on the make of Cream Separator he uses. The up-to-date dairy farmer will use none but the best. Are you up-to-date?

The "SIMPLEX" Link-Blade Cream Separator is built on scientific lines. It is the only cream separator having the Link-Blade Device and the Self-Balancing Bowl. These are features exclusive

that you can get in no other cream separator.

Write for our New Illustrated Booklet, fully describing the "Simplex" machine. It is FREE and is brim full of SEPARATOR facts.

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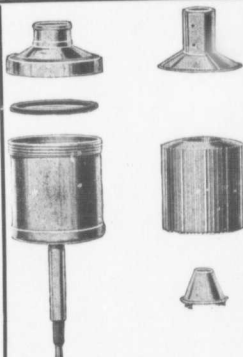
The largest load can be handled in two or three lifts with the BT Sling Outfit.

The BT Sling Car never injures the rope. Any sized rope, 3/8, 1/2 or 1 inch may be used in it. It has the largest draft wheel, and puts the easiest bend in the rope, so that the draft is lighter than with any other car.

The BT Sling Car will work with a fork without chains. "PUT BT SLING OUTFIT IN BULLY FOR HEAVY WORK." It is the one to buy. Write for our catalogue.

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The Link-Blade Bowl complete. This Bowl, 900 lbs. capacity, is only 4 1/2 in. diameter, 5 in. deep, and runs only 7700 R.P.M.

### Much Information of Value

Information of the most practical and valuable nature and covering many lines of agricultural endeavor is contained in the 36th Annual Report of the Ontario Agricultural College and the Experimental Farm, which report has been received. Although issued later than it should have been, to be of most use to the farmers, the report contains matter well worth taking time to read. There are many things featured in the report which will prove invaluable to seekers after information along special and diversified lines. For instance, we might mention a detailed report of the comprehensive experiments of Prof. Wm. H. Day, on the matter of making cement tile. The average of the report is devoted to the detailing of the results secured from making cement tile experimentally at the College.

Then in the report from the dairy department are set forth the results of many experiments in cheese making and butter making. Professor Dean has tabulated his conclusions in his neat lucid style, making his section of the report of inestimable value to dairymen.

**AYRSHIRE IN THE LEAD**  
The summary of the records for the dairy herd show the cost of milk production and the average net profits, which latter is in favor of the grades, followed by the Jerseys, after which come the Ayrshires, leading the Holsteins. This comparison is scarcely fair as the records are clearly states. All dairy farmers will want to read this section of the report. Reports on the cost of raising lambs and experiments with swine are of more than ordinary interest and furnish data, which fill a long-wait.

In the swine experiments alfalfa made a remarkable showing and indicated the great possibilities of this crop in reducing the cost of producing pork when it is fed along with a meal ration. Concluding his report on swine, Professor Day states that the hog is able to give a good account of the food it consumes when sold at six cents or more a pound.

**FACTS ABOUT POULTRY**  
Farm and Dairy readers who have to do with poultry will be interested in some features of Prof. W. R. Graham's report in which he deals with the matter of "breeding layers" and "hatching quality of the egg as influenced by the stock." Professor Graham has secured what may be termed wonderful results from his laying hens, and in his report are given the facts which will enable others to place themselves in the way of approximating his satisfactory results.

Prof. C. A. Zavitz, in his section of the report, sets forth a vast fund of interesting knowledge in regard to field husbandry, or farm crops, which every farmer may read and study for some evenings with great profit to himself.

**ABOUT FARMERS COOPERATING**  
While it is not possible in a short review to cover all of the features of the College report, we would draw special attention to what Mr. LeDrew, the lecturer in Economics, has to say in regard to cooperation. Mr. LeDrew last year made an extended visit to the British Isles and Europe to study the methods of cooperation as employed by the farmers in those parts. What he has to say on "Why Ontario Farmers do not Cooperate" and "The Place of the Middleman" will prove of interest and value to every farmer.

The College report is free to those who ask for it from the Department of Agriculture at Toronto. Everyone not on the regular Farmers' Institute mailing list and receiving the reports should procure for themselves a copy and profit in so far as possible from what is contained therein.

### Results of O.A.C. Exams.

The medals, scholarships, and prizes awarded to students at the Ontario Agricultural College for work during the past year are as follows: Governor-General's Silver Medal, S. H. Hopkins, Lower Nicola, B.C.; the George Chapman Scholarship, J. Miller, Mt. Elgin, Ont.; prizes \$10 in books, Valued, J. J. Brinsma, G. J. Jenkins, Timmorden, Ont.; first in general proficiency first and second year work, S. H. Hopkins, Lower Nicola, B.C.

Scholarships awarded on first year work: money and practice, \$30 in cash: Agriculture, S. G. Freeborne, Magnetawan, Ont.; Biological Science, J. F. Nash, Windsor, Ont.; English and Mathematics, H. Winslow, Chelsea Green, Ont.; Physical Science, P. Waterhouse, Killiney, Ireland.

**Special Prizes in English:** This year, H. S. Rylie, Oakville, Ont.; second year, H. King, Hickson, Ont.

Space does not permit us to give the proficiency list in full. In the first year 147 students wrote upon the examination, 81 in the second year, and 49 in the third year.

The results of first year examinations, arranged in order of proficiency, for the first 20 students follow: The maximum marks were 2,500: 1, Nash, 2,178; 2, Winslow, 2,142; 3, Freeborne, 2,097; 4, Freebonds, 2,019; 5, Davis, 2,012; 6, Hunt, 1,981; 7, Johnston, 1,932; 8, Waterhouse, 1,961; 9, Kelleher, 1,927; 10, Puleston, 1,909; 11, Leppan, 1,906; 12, Kingsmill, 1,854; 13, Robb, 1,848; 14, Good, 1,840; 15, Rogers, 1,824; 16, Berger, 1,806; 17, Hare, 1,806; 18, McLaurin, 1,780; 19, Laidlaw, 1,775; 20, McLoe, 1,767.

**Second year:** maximum marks, 3,100: 1, Hopkins, 2,426; 2, Hestall, 2,229; 3, Stanley, 2,378; 4, King, 2,261; 5, Kay, 2,261; 6, Davies, 2,257; 7, Britton, 2,247; 8, Bramhill, 2,198; 9, Henry, 2,189; 10, Whirling, 2,162; 11, Reid, 2,135; 12, Beckett, 2,127; 13, Tregillus, 2,135; 14, Nixon, 2,108; 15, Wilson, 2,082; 16, Fry, 2,072; 17, Stark, 2,058; 18, Stairs, 2,038; 19, Coleman, 2,022; 20, Coles, H., 1,980.

**Third year:** maximum marks, 2,100: 1, Van Sickle, 1,664; 2, Gibson, 1,610; 3, Aikenhead, 1,568; 4, son, 1,495; 5, Phillips, 1,490; 6, Beaupre, 1,552; 7, Lund, 1,411; 8, Be Reeves, 1,409; 9, Bradt, 1,362; 10, Macdonald, 1,335; 11, McTaggart, 1,310; 12, Dawson, 1,305; 13, McLoe, 1,297; 14, Diaz, 1,288; 15, McCallish, 1,288; 16, Baldwin, 1,285; 17, White, 1,281; 18, Green, 1,277; 19, Ross, 1,275; 20, Murray, 1,271.

### The Rural Publishing Co., Ltd.

The Annual meeting of the Rural Publishing Company, Limited, publishers of Farm and Dairy, was held in the office of the Company, Peterboro, March 25, 1911. Reports presented showed that the Company had made gratifying progress, particularly during the past two years. The auditor's report showed a net profit of \$100,000 in the operations of the Company amounting to many thousands of dollars. The expenses of the Company for the year 1910 were shown to have been less than they were for 1909 whereas the receipts of the Company during 1910 showed an increase over the receipts of 1909, of over 22 per cent. Comparison of the receipts of the Company during the year 1908, the receipts during 1910 showed an increase of 49 per cent.

The election of officers resulted as follows: President, W. V. Ballantyne, of Peterboro; Sec.-treas. and Manager, H. J. H. Jones, of Peterboro; Publishing Director, H. B. Cowan, of Berlin; Loro: directors: B. Reed of Berlin; A. C. Hallman, of Gresham; J. N. Farn, of Danboro; J. R. Dargave, of Leno; and H. J. C. Spurling, of Leno; and H. Jones, of Maitland.

### Issued Each Week

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### SUPPLEMENT

### Crops to Supplement

THERE are but few crops to supplement. While I claim strong should be greatly to emphasize some of supplementing, best kinds of fodder crop, hot, dry periods during greatly reduce the amount of the pasture from the past not made, there is of milk of the dairy herd of young stock, and in increase in the weight of animals. A wise careful provision to pastures either by the mer fiddlers or by firm of silage which can be required in the summer are a number of supply that can be used to a of which are as follows: (2) A mixture of oats Millet, (4) Corn.

**ALFALFA AS A GREEN**  
The growth of alfalfa has been increasing of few years. It can be lent advantage for the hay, of green fodder. As a green fodder crop the pasture lands, it very best. The green large and is continue the season; its stooking excellent; it will stand four cuttings in one year, and nutritious. A crop possesses a green green fodder for several re-seeding. It is land, as so much of it is obtained from the from the atmosphere, relished by practically fodder is so rich in that it becomes part of the summer when the lively light in produce

**A MIXED CROP**  
Numerous experiments the Ontario Agriculture comparative yields of and peas both separate the production of greater results have been as compared with