

TWO GREAT HELPERS

In the harvest season or in fact at any season, do you ever begrudge the time it takes you to do the milking and the separating, if so we have something to say to you.

With our

"Simplex" Link Blade Separator

the women folks can do the separating, and do it too without it being any strain on them. The cow supply can and the ease of operation of the "Simplex" made it a favorite of the women folk and it is easy to clean and keep clean, too.

With a

B-L-K MILKER

a boy can milk the cows and can milk 20 of them in an hour.

That may seem a little steep to you, but it is being done, and the owners of the B-L-K are loud in their praises.

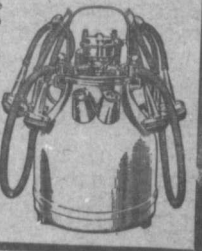
If you drop us a card we will send you our literature on any of our lines.

We are also dealers in all kinds of cheese factory, creamery and dairy supplies.

D. Derbyshire Co., Ltd.

Head Office and Works:

BROCKVILLE, Ont.
Branches: Peterborough, Ont.
Montreal and Quebec, P.Q.



3 Grand Varieties--Good as Gold

Beans—Refuge Wax—Pods round, clear and transparent and of handsome appearance. Is tender, very productive, free from rust, and stands dry weather well. $\frac{1}{4}$ lb. 15c., 1 lb. 45c., 5 lbs. \$1.40. Postpaid.

Corn—Golden Bantam—An early, hardy, productive variety, of finest quality and delicious flavor. It is a rich, cream yellow, deepening to orange-yellow when ripe. $\frac{1}{4}$ lb. 15c., 1 lb. 50c., 5 lbs. \$1.40. Postpaid.

Peas—Breeze's Early Settler—A grand extra early, wrinkled marrow peas, possessing the rich flavor and quality of the best late varieties. It attains a height of about 1 1/2 ft., and is very productive. $\frac{1}{4}$ lb. 15c., 1 lb. 40c., 5 lbs. \$1.75. Postpaid.

If sent by Express at purchaser's expense, deduct 10c. per pound.

BROUCE'S Seeds are the cheapest, because they are the best.

FREE Our handsomely illustrated 150-page catalogue of Vegetable, Farm and Flower Seeds, Plants, Bulbs, Poultry Supplies, Garden Implements, etc., for 1916. Send for it.

John A. Bruce & Co., Ltd. Hamilton, Ontario
Incorporated under the laws of Canada.

Activities of the District Representatives

ONE owner of a ditching machine made some very tempting offers to the farmers in the Dundas district, where drainage is needed so badly. His terms are at the rate of 25 cents a rod for a 2 1/2 foot ditch with five per cent. off for cash and no interest charged if payment is made on December 1, 1916. Where a farmer will give his note subject to bank approval, the payment will be extended to December 1, 1917, the note to bear interest for one year at seven per cent.—J. C. Duff, Grey Co., Ont.

Sheep in Muskoka and Parry Sound.

"The Course in Agriculture at Pownassan is the most satisfactory course we have far as attendance goes, of his three conducted in my territory this winter. We had twenty regular students last week, besides a number of older men who dropped in occasionally. The boys attending are all young fellows, ranging in age from about 18 to 30 years, and they are attending regularly.

"It is just possible that we may be able to organize a Wool Growers' Association at Pownassan this spring. I might say that annually there is shipped or taken from the country surrounding Pownassan approximately 350,000 worth of livestock. One drover alone shipped 3,000 sheep from Pownassan last fall. A number of the farmers have excellent flocks of sheep, the Shropshire bred being the most popular. One large sheep ranch of about Pownassan consists of 3,000 acres of mostly rough land which could be cultivated. This was only started last summer, and at the present time the proprietor has 150 ewes. He has built up-to-date sheep barns."—F. C. Paterson.

Brockville Ayshire Breeders Meet.

"At the annual meeting of the Brockville Breeders' Ayshire Club at Brockville there was a good representative attendance of the Ayshire breeders of the county, and a useful meeting resulted. The members of the club are very strongly in favor of having milk supplied to cheese factories, etc., according to test."—W. H. Smith.

Hastings Co. Farmers Co-operating.

"By special request I addressed the Sidney Farmers' Club at Aiken's Corners, where about fifty farmers assembled to hold the second annual meeting of their Club. The Club did nearly \$4,000 worth of business last year. In several lines the members of the Club claim to have patronized at reduced prices. The Club has also installed a 4-ton scale at Sidney Crossing, and have a largely signed petition to present to the Grand Trunk authorities requesting a station at that point. The Club is also using its strongest influence to secure additional telephone service not now available.

"The Anson Farmers' Club has ordered a carload of raw limestone dust, which is to be tried out in an experimental way by many of the members of the Club."—A. D. Molnau.

Young Farmers Busy in York County.

"On Wednesday we had a combined meeting of the Junior Farmers' Improvement Association at Beckmond Hill. We had a large attendance of boys from all parts of the county. The morning was spent in discussions by the boys on the different competitions and other phases of the work. They took hold of it well, and everything passed off well. These competitions seem to be more popular than ever in this county, and several of the boys expressed their desire of taking part in them next season.

"In the afternoon it was decided to form a County Board of the Junior Farmers' Improvement Association.

We have at present three Junior Farmers' Improvement Associations, and they each elected two directors to this board, and from these were chosen the officers. The following officers were elected:

"President, Robert Watson, Woodbridge; Vice-Pres., Angus Cowleson, Queensville; Secretary, F. O. Sullivan, Tofield; Committee, Walter Bellock, Westport; H. Smith, Aurora, and Jas. Hope, Newmarket."—J. C. Strickley.

Domestic Science Course in Middlesex.

"The Domestic Science Course which closed this week was exceptionally well attended with an aggregate attendance of 1,270 at the 19 demonstrations given, making an average attendance of 66. The afternoon demonstrations were more fully attended, being as high as 127 out in an afternoon. To show how much this class was appreciated, the following says that one or two of the women drove nine miles to the course after milking six cows and doing their house work."—R. A. Pinn.

Feeding Cottonseed Meal

COTTONSEED meal is a rich protein concentrate and therefore of particular value to the dairy farmer. An analysis of the digestible protein in a hundredweight shows its value very clearly. As compared with 37.2 lbs. of digestible protein in 100 lbs. of cottonseed meal, there are only 112 lbs. in bran, 16.7 lbs. in brewers' grain, and in linseed meal 39.2 lbs. Cottonseed meal is also very rich in fat, feeding 12.2 per cent.

Last year cottonseed meal was by all means the cheapest food for dairy cows on the market, with the possible exception of brewers' grain. Cottonseed meal has an advantage over brewers' grain, however, when it comes to balancing up a ration consisting largely of home grown food stuffs, which are usually deficient in protein. For this purpose cottonseed meal, in spite of its higher price this year, is still the cheapest food available.

This concentrate must be fed with caution, as it has been proven that hundreds of cattle have been killed by judicious feeding of cottonseed meal. One pound in the ration is enough at first. The usual amount fed does not exceed three to three and one-half pounds for a dairy cow, and best results are obtained when fed in combination with lighter foods, such as hay or mixed with ensilage. Some feeders give as an advantage six pounds of cottonseed meal to heavy milking cows, and claim that they can thus increase the milk yield without any harm to the cow.

The man who is attempting to establish a market for fancy butter has an additional reason for being cautious in the feeding of cottonseed meal. Fed liberally, it produces butter of poor flavor, which has the appearance of being overworked. All evidence on hand shows that it hardens butter, gives it a tallow consistency, and makes it deficient in natural color. Fed in reasonable quantities, however, cottonseed meal produces a satisfactory butter, which is firmer than ordinary butter, and would stand shipping better in warm climates. All are well advised to leave cottonseed meal absolutely alone when feeding calves and pigs.

No animal responds more quickly to kindness than the dairy cow. No animal will punish its owner for harsh treatment with a dollars and cents discount, more quickly than the cow.

Trade increas

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pend on you to feed him therefore, large dairies, among farmers, use of the land in Canada we to yields. Last to the rainfall, beyond anything in the West a yielded 75 bush which ran over forage crops over

These exceptional weather conditions best farmers have. There is no reason in the aggregate are at the present who are only to handle the land method as their do not realize the digested fertility, market demands in farming methods our total yields in intelligence and aing practice.

Ticking

We must have something that will and one of the first feed is palatability a cow eats 100 pounds certain amount she can be induced will get more than Palatability in the eat the extra amount.

Another important the feed. You may a cow, but if it reduce it you may the transaction. T that 10,000 pounds or from \$60 worth. sider the cost.

When Of all succulent acceptable to the fa the cow as any. It pal cows in Ontario grown successfully, pal recommendation large amount of it. Last fall we harvested \$5 acres at the Expe Besides a succulent