

Clover Seeds

(Government Standard)

No. 1 Alsike.....	\$16.00
No. 2 Alsike.....	15.00
No. 1 Red Clover.....	24.00
No. 1 Alfalfa (Northern).....	16.50
No. 2 Timothy (No. 1 Purity).....	5.50
O.A.C. 72 Oats.....	1.25
Silver Mine Oats.....	1.25
O.A.C. 21 Barley.....	2.00

Terms:—Cash with order. Bags extra, 50c. each. Jute bags for oats, 20c. We will pay freight on clover seeds.

We guarantee our seeds to satisfy you, or you may ship back at our expense.

Ask for samples if necessary.

Caledonia Milling Co., Limited
Caledonia, Ontario



"The Coulters Do The Work"

They cut, crush, smooth, pulverize, and mulch, turning the soil twice—all in one operation. That's why the

"Acme" Pulverizing Harrow

makes an ideal seed bed. Light draft—easy on the horses and YOU ride. There's an "Acme" for every purpose—size 3 to 17½ feet in width. Send for new free book, *The "Acme" Way to Crops That Pay*. Do it NOW.

Bateman-Wilkinson Co., Limited
501 Symington Ave. Toronto, Ont.
No. 23 6½ ft. wide



Cream Wanted

Ship your cream to us. We pay all express charges. We supply cans. We remit daily. We guarantee highest market price.

Ontario Creameries, Limited
London, Ontario

BLACK LEG

LOSSES SURELY PREVENTED by CUTTER'S BLACKLEG PILLS

Low-priced, fresh, reliable; preferred by western stockmen, because they protect where other vaccines fail.

Write for booklet and testimonials. 10-dose pkg. Blackleg Pills, \$1.00 50-dose pkg. Blackleg Pills, \$4.00

Use any injector, but Cutter's simplest and strongest. The superiority of Cutter products is due to over 15 years of specializing in VACCINES AND SERUMS ONLY. INSIST ON CUTTER'S. If unobtainable, order direct.

The Cutter Laboratory, Berkeley, Cal., or Chicago, Ill.

FOR IMMEDIATE SALE Clydesdale Stallions

Cumberland Recruit (imp.) 13372, foaled 1909; sure, active and quiet. Form 1. One Clydesdale stallion, bay, rising two years old. Also a few young Shorthorn bulls. Geo. B. Armstrong, Teeswater, Ontario

Road Making.

There are many miles of roads which must be maintained by some means, more or less inexpensively. On the Dominion Experimental Farms, the Split-Log Drag is found to be one of the most useful implements for this purpose. It is now in use in many localities and an increasing mileage of the rural highways of this country is being kept in repair economically by the use of this simple implement. A dry, sound red cedar log is the best material for a drag, the hard woods being usually too heavy for this purpose. The log should be from seven to eight feet long and from ten to twelve inches in diameter and carefully sawn down the middle. The heaviest and best slab should be selected for the centre, both flat sides to the front and set on edges thirty inches apart, giving the back half a set-back of sixteen to eighteen inches at the right end so that when the drag is drawn along at an angle parallel to the ditch on right side of the road, the end of the back half will be directly behind the front half as otherwise the ditch end of the rear slab would stick out past the ditch end of the front slab, crowding into the bank and interfering with the proper working of the drag.

Two cross-pieces are wedged in two-inch auger holes bored through the slabs and on the right hand side a piece of scantling is inserted between the ends of the slabs. This is of great value in strengthening and stiffening the end of the front slab.

In working a clay or gumbo road it is advisable to put iron on the lower edge of both flat sides. Handles may be attached to a piece of iron similar to a piece of wagon tire, the irons to be hinged to the back of each end of the front slab. By pressing the handles the drag could be raised, thus depositing a load of dirt which is desired to fill a hollow or increase the crown at some particular spot.

A platform of inch boards held together by three cleats should be placed on the stakes between the slabs. These boards should be spaced at least an inch apart to allow any earth that may heap up and fall over the front slab to sift through upon the road again. The end cleats should be placed so that they will not rest upon the cross stakes, but drop inside them. These cleats should extend about an inch beyond the finished width of the platform. An extra weight may be added if necessary but it is seldom needed.

To use the drag, attach a chain to the left cross piece which is behind the front slab, running the other end of the chain through the hole in the front slab near the right end. It is a mistake to hook this end of the chain over the front slab as in the case of the other end, for when the drag strikes a stone or snag there is great danger of toppling forward. With the right end of the chain drawn through the hole in the slab as suggested, this danger is entirely obviated.

The operation of the drag is very simple though there are many fine points that may be learned by experience. For ordinary smoothing purposes, the drag may be drawn up and down the road one or two rounds commencing at the edge and working towards the centre. Usually it is drawn at an angle of about 45 degrees. For the last stroke or two the drag may be drawn backward with the round side of the slab to the front and with comparatively little angle.

There are two stages when roads will drag and one when you cannot do a job satisfactorily. The first stage is when they are in a very sloppy condition in spring or in other seasons after a heavy rain. A road may then be shaped up wonderfully well, and after the surface has a chance to dry a little, before it is cut up with traffic, it will make a smooth, fine road. Dragging at this stage fills ruts and sends the water to the ditches. After this soft stage, comes a sticky stage when the mud will roll up under the drag and the road cannot be reduced to a satisfactory condition. After this again, when the surface approaches a crumbly texture, the drag may be used very successfully. —Experimental Farms Note.

A country boy of three accompanied his parents to his first ball game. After watching the game awhile his gaze fell upon the catcher and he cried:

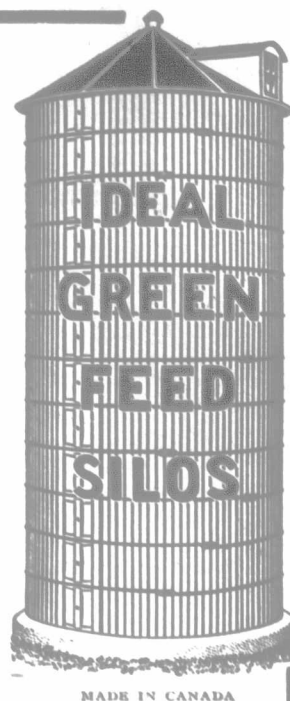
"Oh, mamma, look at the man with a calf weaner on."

Patriotism Demands Grain Conservation

We must save all we can of the 1918 grain crops, so we shall have enough to send to our armies and insure Canada an adequate home supply.

Thousands on thousands of bushels can be conserved if we feed less grain to cattle.

By substituting silage, every Canadian farmer can do his part in the grain conservation movement, and at the same time increase our milk supply so we can send more butter-fat to the boys at the front.



MADE IN CANADA

Get more Milk with an IDEAL GREEN FEED SILO

An Ideal on your farm will cut 15 to 20% off your next winter's feed bill and enable your cows to give 20 to 25% more milk.

It will "put your cows on pasture" from November to April.

Now is the time to buy your Ideal Silo. You can get it installed before the rush of spring work comes on. Write to-day for our catalogue.

THE DE LAVAL COMPANY, Ltd.

LARGEST MANUFACTURERS OF DAIRY SUPPLIES IN CANADA. Sole manufacturers in Canada of the famous De Laval Cream Separators and Ideal Green Feed Silos. Alpha Gas Engines, Alpha Churns and Butterworkers. Catalogues of any of our lines mailed upon request.

Montreal Peterboro Winnipeg Vancouver
50,000 Branches and Local Agencies the World Over

RAISE YOUR CALVES

Sell Your Cream



At a Big Profit

It is sheer waste to raise calves on whole milk when they will grow and develop as rapidly on International Grofast Calf Meal. The calves like GROFAST fine, and it costs but a fraction of the price of milk. Ask your dealer for GROFAST.

Write for booklet, "How You Can Raise and Grow Calves at a Low Cost Without Milk."

INTERNATIONAL STOCK FOOD CO., LIMITED
Ask Your Dealer TORONTO

INTERNATIONAL GROFAST CALF MEAL

Imp. and Canadian Bred Clydesdales

COLUMBUS STABLES

We have on hand at present one of the strongest selections of imported and Canadian bred stallions we have had in the stables in years. A strong combination of size, quality and breeding. We also have 15 in-foal mares, all to the service of horses we are offering.

SMITH & RICHARDSON

COLUMBUS, ONTARIO

Myrtle, C. P. R. Oshawa, C. N. R. Oshawa, G. T. R.

Clydesdales and Shorthorns

I still have some Shorthorn bulls, twelve and thirteen months old. Two grandsons of Old Sort, and four great-grandsons of Royal Blood; these are an exceptionally fine lot; also a number of females. Inspection invited. Apply to

J. B. CALDER, Glanford Station, R.R. 3.

BROOKDALE FARM HEREFORDS

Herd headed by Bonnie Ingleside 7th, the Canadian-bred champion bull at Toronto, 1914-1915. We are offering several young bulls that were Toronto and Ottawa winners this year, all sired by the herd bull as well as a few females in calf to him. Come and see our herd or write us for anything in Herefords W. READHEAD Brookdale Farm MILTON, ONT.

KNIGHTON LODGE STOCK FARM

Offers for sale one Aberdeen-Angus bull, 15 months old, in the pink of condition, and a show animal. Cheap, quality considered.

C. C. KETTLE, Wilsonville, Ont.