

Cow-Ease

Prevents Ticks.
KEEPS FLIES OFF
Cattle and Horses

and allows cows to feed in peace, making **More Milk and More Money** for you. A clean, harmless liquid preparation, applied with a sprayer. Keeps cows in good condition, and saves five times its cost in extra milk.

TRIAL OFFER

If your dealer cannot supply you, send us his name and \$1.25, and we will deliver prepaid to your address a half-gallon can of COW-EASE and SPRAYER for applying. For West of Missouri River and for Canada, above Trial Offer, \$1.50.
Satisfaction or Money Back.
CARPENTER-MORTON CO.
BOSTON, MASS.



Dyer's Big Cut in Lawn Fence

Oval top pickets, crimped No. 9 wire, 27-8 inches apart. Cabled laterals, 7 inches apart. Galvanized finish. Handsome and sturdy. Price per foot:

36 in. x 1/2 in. high	42 in. x 1/2 in. high	48 in. x 1/2 in. high
2c.	2c.	2c.

Freight paid in Ontario, south of North Bay. Outside deduct 12c. per foot and you pay the freight.

Painted fence, green or white, add 2c. per foot to above prices. Scroll top walk gates, to match, \$3.00. Drive gates, \$6.50. I supply fencing for every purpose direct from factory and save you big money. Satisfaction guaranteed or money refunded. Remit money order (any kind) or registered letter.

DYER, The Fence Man, Dept. C Toronto

Who Pays the Duty?

You can't get away from the fact that **directly or indirectly** the DUTY has to be paid by the consumer; therefore, why pay fancy prices for calf meals of foreign manufacture when you can buy CALFINE 15 to 20 dollars a ton cheaper and secure at least equal, and in most cases superior, results.

CALFINE

"The Stockman's Friend"

is a pure, wholesome, nutritious meal for calves. It is now in use on many of the largest and best equipped dairy farms in the Dominion.

Ask your dealer for a 100 lb. bag of CALFINE as a trial—you will soon be back for more. If your dealer does not handle it, write us. We will do the rest.

Feeding Directions Sent on Application.

Canadian Cereal & Milling Co. Limited
TORONTO, CANADA

WANTED-CREAM

Highest Toronto prices paid for cream delivered at any express office. We pay all charges, furnish cans free, pay accounts fortnightly, engage man to collect at some points. Ice not essential. Write for particulars.

THE TORONTO CREAMERY CO'Y, LTD.
Toronto, O. tarlo

Shorthorns—Nine bulls and a number of heifers for sale at very reasonable prices.
Robert Nichol & Sons, Hagersville Ont

QUESTIONS AND ANSWERS. Miscellaneous.

CATTLE TAGS.

1. What is the most convenient way of distinguishing the individual cows of a large herd?
2. Is there any other handy way than tags, and can you refer us to some firm which manufactures tags?

Ans.—1. An ear tag is as good as any. 2. See the advertisement of F. G. James, Bowmanville, in this journal.

ORCHARD CROPPING — PEAS — BUCKWHEAT.

1. What is best to sow in an apple orchard to fatten pigs for next fall? Was plowed and manured last fall, intended for corn, but as too late now, would like to try next best.
2. What is the latest peas can be sown for pigs?
3. Do you consider buckwheat a profitable crop for a backward season like this?

Ans.—It is not the best kind of orchard practice to sow a crop with a view to providing feed for pigs. The orchard should be seeded in June, or the first of July, with a crop allowed to grow, and then plowed under next spring. Alfalfa would be good for this purpose, and would supply some grazing by fall. Rape would be fairly good, only that it makes disagreeable apple picking. 2. We would not care to risk sowing after the middle of June, and would much prefer earlier seeding. 3. Yes, in many cases.

FIELD PEPPERGRASS — TREFOIL.

1. Is the accompanying plant, found growing in new alfalfa seeding, a noxious weed, and if so, what treatment will be most effective?
2. Is there more than one variety of alfalfa? Here and there through the field, coming strong to head about June 6th, there were little yellow blossoms showing, unlike the purple flowers I was looking for.

Ans.—1. The weed is field peppergrass, or cow-cress (*Lepidium campestre*), occurring in some of the clover-growing districts of Ontario. The plant produces several stems, branched above. It is a species closely allied to the wild peppergrass (*Lepidium apetalum*), but can be distinguished by the small, boat-shaped pods. The weed is not troublesome in many parts. If the alfalfa is cut before it seeds, little trouble will be experienced. Where seeds are formed it should be pulled. Fields in regular rotation give little trouble. Working immediately after harvest, and again in the spring until June, when a fodder crop can be planted, is recommended. 2. The yellow blossoms are those of trefoil clover. There are several varieties of alfalfa, but the trefoil is an altogether different genus and species. In most districts it is considered as a weed.

HYDRATED LIME FOR SPRAY MIXTURES.

A local dealer offers me hydrated lime (powdery) at 25c. per 40-lb. paper sack. Will it answer for making spraying mixtures as well as the lump, white lime, such as we get from Beachville, Ont.?

For making Bordeaux mixture, will it be quite satisfactory in the proportions of 4 or 5 lbs. lime to 4 lbs. bluestone?

Ans.—I do not recommend the use of hydrated lime in making lime-sulphur, because the lime-dealers tell me that Guelph limestone (I mean Guelph formation) is largely used in making it. The Guelph limestone contains a high percentage of magnesium, and this substance is objectionable in several important ways in making lime-sulphur. Were it hydrated lime, guaranteed to have been made from Beachville or St. Mary's lime, I should recommend it.

On page 3, Bulletin 198, I have given a list of the best limes to use. White lime is not at all a proof of a pure lime. For instance, Guelph kilns turn out a white lime and Rockwood a gray lime, but both belong to the Guelph formation, and both are suited for making concentrated lime-sulphur. The color of the lime is not a test of its purity. A lime may be excellent for building purposes and very poor for making lime-sulphur.

L. C. HARRIS

Ontario Agricultural College

\$15.95
AND UPWARD
SENT ON TRIAL.
FULLY
GUARANTEED.

AMERICAN SEPARATOR

A brand new, well made, easy running, easily cleaned, perfect skimming separator for \$15.95. Skims one quart of milk a minute, warm or cold. Makes thick or thin cream. Thousands in use giving splendid satisfaction. Different from this picture, which illustrates our large capacity machines. The bowl is a sanitary marvel and embodies all our latest improvements. Our richly illustrated catalog tells all about it. Our wonderfully low prices on all sizes and generous terms of trial will astonish you. Our twenty-year guarantee protects you on every American Separator. Shipments made promptly from WINNIPEG, MAN., ST. JOHN, N. B. and TORONTO, ONT. Whether your dairy is large or small get our great offer and handsome free catalog. ADDRESS,

AMERICAN SEPARATOR CO., BAINBRIDGE, N. Y.



LIVINGSTON'S OIL CAKE MEAL

Is the most wholly nutritious stock food you can buy. Made of the purest Linseed—by the celebrated Old Patent Process (which makes it keep three or four years, if necessary)—proved by feeding tests, both practical and scientific, to be 95% digestible.

Even if LIVINGSTON'S OIL CAKE MEAL costs twice as much as the other foods which do not keep and cannot be half digested, it would pay every farmer and dairyman to get LIVINGSTON'S OIL CAKE MEAL. The cost is only a trifle higher.

LIVINGSTON'S OIL CAKE MEAL is really cheapest in the end—quickly increasing and improving the milk and healthily fattening cattle.

As your dealer. If he cannot supply you, write us:

THE DOMINION LINSEED CO., LIMITED
Baden, MANUFACTURERS Ontario

MAPLE LODGE STOCK FARM

1854 — 1912

Have desirable Shorthorns and Leicester sheep. Cows are high-class milkers. A handsome young Clydesdale stallion for sale.
A. W. SMITH, Maple Lodge, Ontario
Luanan Crossing, G. T. Ry., one mile.

Don Jersey Herd

Offers young bulls and heifers for sale; heifers bred to Eminent Royal Fern.
D. Duncan, Don, Ont., Duncan Stn., C.N.R.
Phone Long-distance Agincourt.

Brampton Jerseys

cows and some calves for sale. Production and quality.
B. H. BULL & SON, BRAMPTON ONT.

High Grove Stock Farm

No better Jersey blood in Canada. Stock all ages and both sexes for sale.
Arthur H. Tufts, P. O. Box 111, Tweed Ont.
When writing please mention The Advocate

Balaphorene A. J. Jerseys—Foundation stock, St. Lambert, Coomassie, Combination; stock from a grandson of Bim of Dentonia; also a grandson of the great Blue Blood of Dentonia, for sale. W. Wyandotte eggs, \$1 per 13. **Joseph Seabrook, Havelock, Peterboro Co., Ont.**

SPRINGBURN AYRSHIRES

Owing to remodelling our barns we do not care to carry any bulls over the summer months. Three yearlings and five early spring calves to select from. Prices right for prompt delivery. Always about 50 head of females of all ages to select from. Tuberculin tested.
McMILLAN & LEGGAT, Trout River, Que.
Bell telephone, Huntingdon 81-21. Carr's Crossing, G. T. R., Huntingdon, N. Y., C. R.

Ayrshires and Yorkshires—We have still some good young bulls. Now is the time to buy for the coming season, before the best go. We have females any age, and can fill orders for carlots of Ayrshires. Pigs of either sex on hand.

ALEX. HUME & CO., Menie, Ont.

City View Ayrshires All from R. O. P. ancestors. Young bulls of January, March, May and July, 1911; also calves of 1912. Right good ones. Males only for sale. Write, phone or call. **JAMES BEGG, R. R. No. 1 half mile west. ST. THOMAS, ONT.**

Hillcrest Ayrshires—At head of herd is Ivanhoe of Tanglewild, a son of the champion Ayrshire cow, Primrose of Tanglewild, R. O. P. test 16,195 lbs. milk and 625.62 lbs. fat; 60 head to select from. Inspection invited.
F. H. HARRIS, Mt. Elgin, Ont.

STONEHOUSE AYRSHIRES

Are coming to the front wherever shown. Look out for this at the leading exhibitions. Some choice young bulls for sale, as well as cows and heifers.
HECTOR GORDON, Howick, Quebec.

Choice Ayrshires 10 choice cows and heifers for quick sale. Good tests, heavy producers, high testers. Prices low considering quality. **WILLIAM THORN, Trout Run Stock Farm, Lynedoch, Ont.** Phone in house.

Ayrshires of production, type and quality. I can supply Ayrshires that will please the most exacting critic. Young bulls or females of any age, the kind that swell the bank account.
R. M. Howden, St. Louis Sta., Que. L.-D. phone.

Burnside Ayrshires

Champions in the show ring and dairy tests. Animals all ages and both sexes for sale.
R. R. NESS, Howick, Quebec
Long-distance phone in house

