

CANADIAN AIRMOTORS FURNISH POWER



FREE

For farmers in all parts of Canada. Why not for you? The lightest breeze is enough, no gale too much for it. Let us show you how much it will do and little it costs.

WRITE FOR FREE CATALOGUE

Ontario Wind Engine & Pump Co., Limited
Winnipeg TORONTO Calgary

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

Shortshorns, Berkshires, Cotswolds

Nine bulls from 9 to 11 months, cows, heifers and heifer calves; over 50 head on hand. No Berkshires to offer at present. A few shearing ewes for sale.

Chas. E. Bomycastle,

P. O. AND STA., CAMPBELLFORD, ONT.

GEDARDALE SHORTHORNS—Shortshorns of all ages, pure Scotch and Scotch topped, imp. and Canadian-bred, choice heifers, choice young bulls, also the stock bull Lord Fyvie (Imp.); anything for sale.

Dr. T. S. Sproule, M. P., Markdale, Ontario

Cattle and Sheep Labels

Size	Price doz.	Fifty tags
Cattle	75c.	\$2.00
Light Cattle	60c.	1.50
Sheep or Hog	40c.	1.00

No postage or duty to pay. Cattle sizes with name and address and numbers; sheep or hog size, name and numbers. Get your neighbors to order with you and get better rate. Circular and sample. Mailed free. **F. G. JAMES, Bowmanville, Ont.**

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.

Jerseys for Sale—Five pure-bred registered Jersey cows, and good ones, just freshening, from two to six years old; at dairy prices. **A. HUGHES, Sarnia, Ont.**

QUESTIONS AND ANSWERS. Miscellaneous.

HORSESHOES—ENGINEER'S PAPERS.

1. What do you think of — — — horseshoes?
2. Who would I write to regarding the getting of traction engineer's papers for operating an engine in the Saskatchewan district? **A. R.**

Ans.—1. We have had no experience with the shoes referred to.

2. Apply to the Provincial Department of Agriculture, Regina, Sask., for full particulars.

SHARING STRAW.

1. A takes land from B on shares. Is A entitled to the same share of straw, if there is nothing said about it but where A was to stack straw?

2. Can A take his share of straw home or sell it?
Ontario.

Ans.—1. Yes.

2. Yes; that is, he ought to have either his share of it, or be allowed for same, if B should prefer its not being removed from the farm.

FERTILIZING POTATOES.

1. I have read the article in your April 18th issue entitled, "Estimating the Value of Fertilizers." Fertilizers are used very little in our vicinity. In fact, I don't know of anyone using them around here. We have been growing potatoes quite extensively, but have been relying on clover sod and barnyard manure as fertilizers. This year I will be rather short of the latter, as it takes a large quantity for corn and potatoes both. I have been thinking of trying a commercial fertilizer on a three-acre field of loamy soil, from which I cut a heavy crop of red clover last year, and also a second cutting for seed. I want to put potatoes in the field this year. Would you please advise me re the proper proportions of each fertilizer to use per acre, and where they can be got, as there are no agents around here that I know of. Should the fertilizer be applied when the potatoes are planted, or before? We use a planter, which has a fertilizer attachment, and could put it on with it.

2. Could you let me know where sweet clover seed could be got? **W. G. A.**

Ans.—1. As your soil is a clover sod, it is not likely very much nitrogen will be needed for a potato crop. Try about 100 pounds of nitrate of soda, or perhaps less; from 300 to 400 pounds of acid phosphate, and 150 to 200 pounds of sulphate of potash. Write advertisers in this journal for prices.

2. Correspond with seedsmen advertising in "The Farmer's Advocate."

SILO VENTILATION—SOWING ROOTS—EXPULSION OF UTERUS.

1. In the silo at Weldwood, did you make any provision for ventilation? Is this necessary to keep the silage perfectly? Some leave an opening at the top of roof, over which is built a cupola with open sides. If this is advisable, what size hole should be left for a 14x40 ft. silo?

2. When should mangels, turnips and sugar-beets be sown, and in what order; also amount of seed per acre of each to sow to give heaviest yield in a good seed-bed?

3. I lost a valuable sow. She farrowed all right, and went full time, but in about 24 hours she expelled the womb, and although replanted, she died shortly afterwards. Please give the cause if not a disease? **N. M. A.**

Ans.—1. We made no provision for ventilation in our silo, and do not consider it necessary.

2. Mangels and sugar-beets should be sown just as soon as the land is ready to work in the spring, usually right after the seeding of cereals. Sow about four pounds of seed per acre. Turnips should be sown later, about 15th June is a good time. About two pounds per acre is a good seeding.

3. Expulsion of the womb, while not common, occasionally occurs. It is impossible for us to state the cause. She may have been unduly weak from some cause, may have been overfat, or difficult parturition may have induced the expulsion.

Ideal Green Feed Silos

ONLY the best grade of Canadian spruce, especially selected for our exclusive use, is employed in the construction of Ideal Green Feed Silos.

All lumber is thoroughly air-dried, and after being finished is saturated with an especially-prepared sealing solution, used exclusively by the De Laval Dairy Supply Co., Limited, which prevents rot or decay, reduces the tendency of the staves to swell or shrink, and prevents the acid in the ensilage from injuring the staves.

This secret sealing solution with which all our silo lumber is treated adds from two to three times to the life of our silos compared with other silos not so treated.

All our stave wood is of uniform size and age, thus ensuring an even swell and shrinkage throughout.

All Ideal Green Feed Silos are hooped with round iron hoops every 30 inches apart, and the hoops at the bottom where the strain is greatest are made heavier. Only malleable iron lugs, made after our own exclusive process, are used. These are much superior to cast iron hoops by reason of their greater ability to resist the action of our Canadian frosts.

The materials and construction throughout of the Ideal Green Feed Silos are of the very best, and everyone contemplating the erection of a silo this year will find it to his advantage to get our specifications and prices before contracting for the erection of a silo.

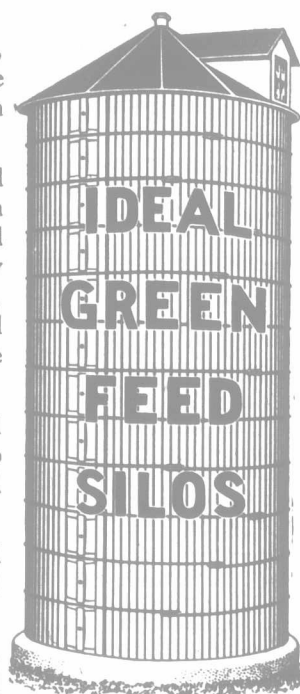
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LARGEST AND OLDEST SILO MANUFACTURERS IN CANADA

173 William St., MONTREAL

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All doors on the Ideal Green Feed Silos are self-sealing.

Doors are only 6 inches apart, can be removed instantly, and are always air-tight.

The roof is self-supporting; built without rafters.

Dormer window facilitates filling silo clear to the top. All sizes furnished.

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, mention "The Advocate."

Balaphorene A. J. Jerseys

Foundation stock, St. Lambert, Coomassie, Combination; stock from a grandson of Bin 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.**



Burnside Ayrshires

R. R. NESS, Howick, Quebec

Champions in the show ring and dairy tests. Animals all ages and both sexes for sale. Long-distance 'phone in house

SPRINGBURN AYRSHIRES

Owing to remodeling 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. **McVILLAN & LUGGAT, Trout River, Que.** Bell telephone, Huntingdon 81-21. Carr's Crossing, G. T. R., Huntingdon, N. Y. C. R.

Choice Ayrshires

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

Ayrshires of production, type and quality. I can supply Ayr hires 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

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

Bred for production and large teats. Record of Performance work a specialty. Fly head to select from. Prices right.

FRANK HARRIS, Mount 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.

Maple Soil Stock Farm

of High-Testing Holsteins—I have at present some bull calves, with dam and sire; dam averaging over 25 lbs. of butter in 7 days, testing better than 4 per cent. Phone connected.

H. C. Holtby, Belmont P. O., Ont.

Belmont Sta., C.P.R. or Grandview Sta., C.N.R.

Holstein Bulls for sale

Springbank farm is offering two choice bred Holstein bulls for sale at reasonable prices. For particulars write to: **Wm. Barnett & Sons, Living Springs P. O., Ont.** Fergus station, C.P.R. and G.T.R.

Maple Line Holsteins and Yorkshires

Herd headed by Homestead Countess Sir Abbekerk 2nd, whose dam, sire's dam, grand dam, average 29.61 lbs. butter 7 days. For sale at bargain prices, choice bull calves from R.O.P. cows. **W. A. BRYANT, Middlesex Co., Cairngorm, Ont.**