



IDEAL GREEN FEED SILOS
ARE VERY DURABLE

Only Canadian Spruce lumber especially selected for our own use is employed. This is saturated with a solution which prevents rot and decay and reduces the tendency of the staves to swell or shrink and adds two to three times to the life of the Silo.

Each Silo hooped with heavy round iron hoops every 30 inches apart. Only malleable iron lugs are used.

We want you to have our Ideal Green Feed Silo Book
If you are a cow owner a postal card request will bring you the book free of charge.

De Laval Dairy Supply Co., Ltd.
MONTREAL PETERBORO
WINNIPEG VANCOUVER

"NINE LIVES"
Be sure that you buy your batteries with this trademark



XCELL DRY BATTERIES
are guaranteed to outlive and outlast all other makes. Extra lives have been given to the Black Cat. Write for Catalogue

CANADIAN CARBON CO., 95 KING ST. W., TORONTO 8

Insist that you are supplied with

RICE'S PURE SALT

There is none better.

North American Chemical Company
Clinton, Ontario.



PURE-BRED REGISTERED
Holstein Cattle
The most profitable dairy breed, greatest in size, milk, butter-fat and in vitality. Send for FREE illustrated descriptive booklets. **HOLSTEIN-FRIESIAN ASSOCIATION**, F. L. Houghton, Sec., Box 127, Battleboro, Vt.

The Maples HOLSTEIN Herd
Headed by Prince Aggie Mechthilde. For sale at present: Choice bull calves, from Record of Merit dams with records up to 20-lbs. butter in 7 days. All sired by our own herd bull. Prices reasonable.

WALBURN RIVERS, FOLDENS, ONT.

Evergreen Stock Farm 4 bulls, 12 mos. old, from officially backed ancestors, running from 18½ lbs. at 3 yrs. to 22 1-3 lbs. as matured cows, and on sire's side from 24 6-10 to 29 lbs. of butter in 7 days. Write, 'phone or come to F. E. Pettit, Burgessville, Ont.

TREASURE VALLEY Shorthorns Pure Scotch, of most fashionable breeding, Scotch-topped, of heavy milking qualities. Heifers and young bulls of show-ring form, high in quality, low in price. A. G. Smillie, R.R. No. 2, Kippen. Hensall Stn., L.D. Phone.

HOLSTEINS AND YORKSHIRES
Minster Farm offers swine of both sexes and bull calves from R.O.P. cows with records up to 14,752-lbs. milk 1 year. All records made under ordinary conditions. For extended pedigrees write: **RICHARD HONEY & SONS**, Brickley, Ontario

Holsteins and Tamworths
I am over-stocked, and will sell a lot of young cows and heifers, winners and bred from winners; officially backed and right good ones. Also Tamworths of all ages.

R. O. MORROW & SON, Hilton P. O., Ont. Brighton Station. 'Phone.

Maple Hill Holstein-Friesians—Special offering: My junior herd bull, Choicest Canary, son of Nannet Topsy Clothilde, 30.33 lbs.; also choice bull calves.

G. W. CLEMONS, R.R. No. 2, St. George, Ont.
For Sale—Jersey cows and heifers and bulls for exportation. All pedigree and Herd-book stock. For further particulars apply to **A. T. SPRINGATE**, Breeder and Exporter, Gorey, Jersey, Europe.

Questions and Answers.

Miscellaneous.

Weed in Alfalfa.

I am sending a plant found in my alfalfa field. Is it a species of alfalfa?
J. C. B.

Ans.—The specimen arrived in rather poor condition, but it is clearly not a species of alfalfa. It is likely rocket, a weed quite common in some samples of European alfalfa.

Pasture for Calves.

Having plowed the ground in the orchard, I would like to sow something suitable for calf pasture that would be ready for use in a few months. As I am a constant reader of "The Farmer's Advocate," kindly let me know the kind of seed, when to sow, and how thick to sow?
C. A. M.

Ans.—At this date, probably you could not do better than sow oats, or a mixture of oats and peas. Prof. Zavitz's annual pasture mixture would also be good, and the clover would come on in the fall. Sow 51 lbs. of oats, 30 lbs. of Early Amber sugar cane, and 7 lbs. of red clover per acre. It comes on fast, and should be ready for pasture in six weeks.

Protection from Lightning.

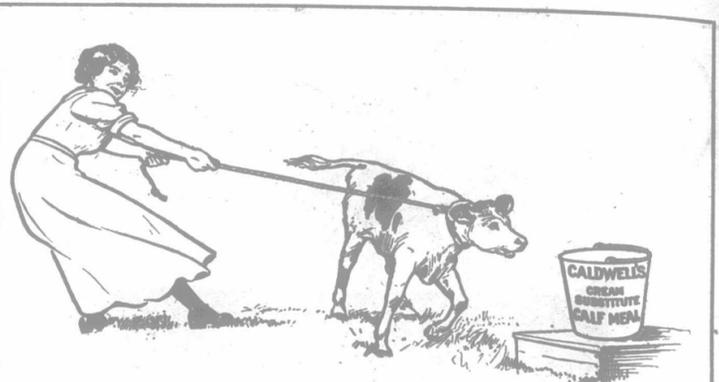
I intend to put four zinc ventilators on my barn, 3½ feet in height. How would it do to put a copper wire along top of ventilators, and down each end of barn into damp ground? Would it do to put wire through steel fasteners on top of ventilator, or should they be made of copper? Would this make a good protection against lightning?
L. S.

Ans.—Almost any kind of metallic connection between a roof and the earth, furnishes a measure of protection from lightning. We would, however, recommend having wire laid along the ridge, and in contact with each ventilator, as it passes it, rather than the plan you suggest. Would also advise a cable of galvanized-iron wire instead of a single copper wire as conductor. In proportion to cost, iron is a more efficient and safer lightning conductor than copper. Fasteners should be of the same metal as the rod itself.
T. B.

Trouble with Rented Farm.

I have rented a stocked farm on a lease of three years. In the said lease, it is stated that I am paying rent for 10 cows, and that all stock is to be left as taken. The rent I am paying is \$275 per annum, which I consider rather high. The owner told me that all cows would freshen very early. The first instalment of the rent comes due September 1st. Now, when I came in possession of the farm I did not find 10 cows as stated, but 6 cows and 4 heifers coming two years old. I have been here now three months, and up to last week I have only had two cows milking but now I have four cows and two of the heifers, and will start the factory next week with this number, which will only bring me a small milk check. The landlord died the first day we came here, and now the farm is owned and managed by his widow (when I said managed, I mean in the way of paying taxes, etc.). Can I compel her to reduce my rent, or put me on fresh milkers; or, failing to do either, could I leave four heifers when my time is up?
A FARMER WHO WANTS JUSTICE.

Ans.—There seems to have been no stated time mentioned in the lease at which the cows were to freshen. Are all the heifers with calf, and due to drop calves this summer? If so, they could be called cows without much mistake. If all the cows and heifers produce calves in seasonable time, it is scarcely likely that you could get the rent reduced, or other cows substituted. We see no great objection to leaving in-calf heifers when your time is up, in the place of the four two-year-olds taken over when the place was rented, provided the landlord is satisfied they are as good as those leased. These matters you should be able to adjust between yourselves without trouble. If the lease says the same cattle must be returned as taken over, of course, it must be lived up to.



It isn't an easy job holding them back from

Caldwell's Cream Sub-stitute Calf Meal

---it's the MODERN way
---the ECONOMICAL way
---the PROFITABLE way

of weaning up or raising calves for beef or to replenish your Dairy Herd and you can raise as fine calves with it as you can on whole milk. But—

Keep on selling the milk. Caldwell's Cream Substitute contains the same nutriment and costs far less. Ask your Feedman about it or write us.

THE CALDWELL FEED CO., LTD., DUNDAS, ONT. 39

LAKEVIEW HOLSTEINS

Herd headed by Count Hengerveld Fayne De Kol, by Pietertje Hengerveld's Count De Kol out of Grace Fayne 2nd. He has 12 daughters already in the Record of Merit, and many more to follow. Junior sire,—Dutchland Colantha Sir Mona, by Colantha Johanna Lad out of Mona Pauline de Kol (27.18 butter) the dam of one daughter over 30-lbs. and one over 27-lbs, also the dam of the World's champion junior three-year-old for milk production. A few bull calves for sale.

E. F. OSLER - Bronte, Ont.

AVONDALE STOCK FARM Herd bulls: Prince Hengerveld Pietje 8230 (50582). Sire, Pietje 22nd Woodcrest Lad, out of Pietje 22nd, 31.00 lbs. butter 7 days; greatest imported cow, and one of the greatest young sires of the herd, having already sired a 35-lb. 4-year-old daughter. Dam, Princess Hengerveld De Kol, 33.62 lbs. butter 7 days, highest record daughter of Hengerveld De Kol, with 116 tested daughters. King Pontiac Artis Canada 10042 (72294). Sire, King of the Pontiacs, greatest living sire of daughter of Hengerveld De Kol. Record, 31.8 lbs. butter 7 days, 128 lbs. 30 days, 1,076 lbs. 365 days. Young bulls from these two great sires for sale, from cows with records up to 29 lbs. Write us, or better come and see them. Visitors always welcome. Address all correspondence to:

A. C. HARDY, Owner. **H. LORNE LOGAN, Mgr.,** Brockville, Ont.

Service Bulls and Bull Calves from A. R. O. Dams.

Sons of Johanna Concordia Champion, No. 60575, one of the richest bred and best individual bulls of the breed. His granddams, Colantha 4th's Johanna 35.22 lbs. butter in seven days, fat 4.32 per cent.; and Johanna Colantha 2nd 32.90 lbs. butter in seven days, fat 5.02 per cent. Average butter in 7 days 30.06 lbs.; average fat 4.67 per cent. If you want to increase the butter fat in your herd, let me sell you one of these bulls. I can spare a few good cows and heifers bred to the "Champion." Write me your wants and I will try and please you.

MAPLE AVENUE STOCK FARM, L. E. Connell, Prop., Fayette, Fulton Co., Ohio. U. S. A.

FAIRVIEW FARMS HERD

REMEMBER:—Pontiac Korndyke sired the bull that sired the new 44-pound cow. Do you want a sire to use that has such transmitting ability? If so secure a son of Pontiac Korndyke, or Rag Apple Korndyke 8th, the strongest bred Korndyke bull in the world.

E. H. DOLLAR, Heuvelton, N. Y. Near Prescott, Ont.

SUMMER HILL HERD OF Holstein Cattle and Yorkshire Pigs

Do you realize that you must have another serviceable bull soon? Better go down to Hamilton right away and see those well-bred fellows with high official backing, that you can buy well worth the money from

D. C. FLATT & SON, R.R. No. 2, Hamilton, Ont. 'Phone 2471.
Of course, we always have lots of pigs, all ages.



Holsteins One six year old cow due this month also fine 2 and 3-years heifers, bred; also a few Yorkshire pigs ready to wean.
A. WATSON & SONS, St Thomas, Ontario.
L. D. 'Phone Fingal via St. Thomas.

BRAMPTON JERSEYS The spring trade is on; we are doing the largest business we ever did, chiefly with our old customers; young bulls and heifers from sires with tested daughters.

Several imported cows and bulls for sale. Canada's Greatest Jersey Herd.
B. H. Bull & Son, Brampton, Ont.

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