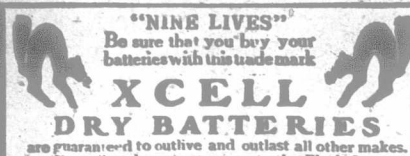


**Calves Without Milk**  
**BLATCHFORD'S CALF MEAL**  
 The Complete Milk Substitute  
 The result of over 100 years' experience with calf-feeding. The only Calf Meal made in an exclusive Calf Meal Factory. As rich as new milk at less than half the cost. Makes rapid growth. Stops scouring. Three calves can be reared on it at the cost of one. Get Bulletin, "How to Raise Calves Cheaply and Successfully Without Milk," by sending a post card to STEELE, BRIGGS SEED COMPANY, Toronto, Ont.



**"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., 65 KING ST. W., TORONTO 2



**Lump Rock Salt, \$10.00 for ton lots, f.o.b. Toronto**  
 Toronto Salt Works, 128 Adelaide Street E.  
 G. J. CLIFF, MANAGER, Toronto Ont.




**For Sale**—Jersey cows and heifers and bulls for exportation. All pedigrees and blood-book stock. For further particulars apply to A. T. SPRINGATE, Breeder and Exporter, Gorey, Jersey, Europe.

**HERD BULL** for sale. Count of Lakeview (0076); calved March 28, 1910. Bred by Lakeview Stock Farm, Bronte, Ont. A splendid stock-getter. Over 80 per cent of his get are females. Must sell him as I have a number of heifers from him of breeding age. He is quiet and sure. Also two young bulls now ready for service, bred by Count of Lakeview whose dams are granddaughters of Johanna Rhue 4th Lad. Straight and nicely marked. Will sell a few cows due to calve this month. Bell 'Phone, Fenwick Stn G. V. ROBBINS, RIVER BEND, ONT.

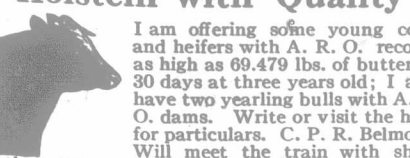
**Lawtherne Glen Holstein Herd**  
 Offer young bulls ready for service, one from Calamity Howie, winner of 1st prize in cow class at Guelph, 1912; also a half-brother to Pontiac Jessie, sweepstakes heifer under 36 months; also a few females. Prices reasonable.

Write for particulars, or come and make your choice. MARTIN McDOWELL, Eastwood Sta., G. T. R., Oxford Centre, Ont.

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



**Holstein with Quality**  
 I am offering some young cows and heifers with A. R. O. records as high as 69,479 lbs. of butter in 30 days at three years old; I also have two yearling bulls with A. R. O. dams. Write or visit the herd for particulars. C. P. R. Belmont. Will meet the train with short notice. 'Phone connections. H. C. HOLTEY, Belmont, P. O., Ont.



**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.**  
**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.  
**FOR SALE** Holstein Bull (13767)  
 Registered 18 months, sire Sir Admiral Ormsby, Dam Effie Abbecker. A Snap, must be sold at once apply M. J. McPherson, Puslinch, Ont.

**Questions and Answers.**  
 Miscellaneous.

**Red Clover Seed.**

Can you let me know, through your paper, of a farmer who has three bushels of red-clover seed for sale, also some timothy seed?

J. M.

Ans.—Such questions can only be answered by referring our correspondents to our advertising columns. Seedsmen and farmers advertising could supply you.

**Installing Milling Machinery.**

Could you tell me where I could procure a book on installing machinery in mills, etc.?

E. H. W.

Ans.—Try some up-to-date stationary store, or a publishing company. We do not carry books on this subject, as it is not directly connected with agriculture. Do the manufacturers of milling machinery not install the machinery?

**Carrots and Roots for Horses.**

1. Are carrots injurious to a mare with foal?  
 2. How do they compare with turnips and mangels as food?

R. R.

Ans.—1. No, not if she is accustomed to being fed on them, and they are not fed in too large quantities.

2. They have a slightly higher feeding value than turnips or mangels, and are more relished by horses.

**Feeding Oilcake to Hogs.**

1. We have a couple of old sows we are trying to fatten. Could oil-cake meal be fed to them with profit, and if so, in what quantities?

J. H.

2. In what quantity should oil-cake meal be fed to little pigs, between two and three months old?

Ans.—1. This depends somewhat upon the other feeds fed. Start on 1 lb. each per day, and increase a little as required, up to 1½ lbs. per day.

2. From ½ lb. each per day, up to 1 pound.

**Silage Corn -- Steers Scour.**

1. What variety of corn is best suited to Lambton county for silage purposes?

2. When planting, is it a good policy to mix different varieties of seed?

3. I am feeding two-year-old steers sheaf corn in the morning with grain on; alfalfa hay at noon; straw at four o'clock with three quarts oat and barley chop; sheaf corn at night, and watered twice a day. Some steers are inclined to scour. What is the cause? What is best remedy? Will feeding scorched oats benefit?

L. H. V.

Ans.—1. There are several good varieties, as White Cap Yellow Dent, Bailey, and Leaming. These are three of the best Dents.

2. We would rather sow them separately.

3. Decrease the amount of feed for a few days, when probably the trouble will cease. The trouble may be an epizootic affection, or it may be due to the quality of the feed.

**Hoop Silo -- Feed Hopper.**

1. Can you give me any information regarding elm-hoop silo, built of elm hoops and two-ply of inch lumber?

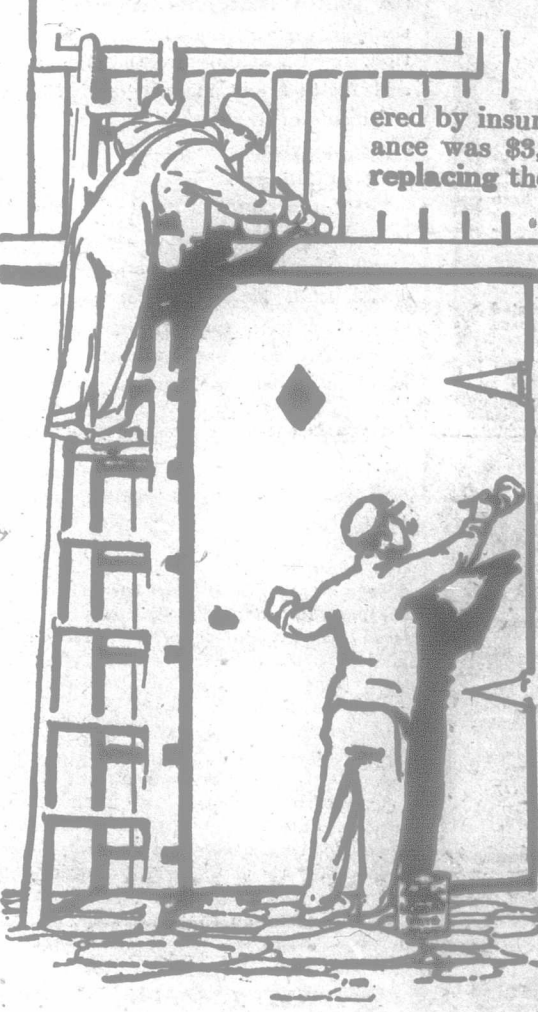
2. Can you give me any instructions about building a wooden feed hopper for fowl?

PAT.

Ans.—1. Hoops may be made of elm strips 4 inches wide and ½-inch thick, four thicknesses nailed together. Nail blocks on the barn floor in a circle the size of hoop required. Hoops should be stayed and marked before taking out of the blocks. Arrange the inch lumber to break joints.

2. The following is a bill of material for a very satisfactory feed hopper: 2 ends ¾ x 12 in. x 1 ft. 8 in.; 1 bottom, ¾ x 12 in. x 2 ft. 10 in.; 2 sides, ¾ x 3½ in. x 3 ft.; 2 sides, ¾ x 12 in. x 3 ft.; 18 pieces ¾ x 1½ in. x 10 in.; 1 division ¾ x 16 in. x 2 ft. 10 in.; 2 pieces ¾ x 1 in x 3 ft.; 2 pieces ¾ x 12 in. x 3 ft. 2 in.; and 2 ends ¾ x 6½ in. x 1 ft. 9 in. (The latter two items are for cover). One side may be used for chopped feed, and the other for whole grain. The hopper is three feet long, and slatted. This hopper is described in a bulletin, "Farm Poultry," which may be had upon application to Prof. W. R. Graham, O. A. C., Guelph.

**Fire Taught One Man the Value of Paint**



Fire destroyed a building that cost him \$8,000; all covered by insurance. But this insurance was \$3,000 under the cost of replacing the building. Materials have advanced that much in the past few years.

The point for you is here: Fire may never destroy any of your property, but weather-rot surely will if it is not well protected. The barn that cost \$1,000 3 or 4 years ago would now cost \$1,500 to rebuild. So don't let it "go to pieces."

Look for the Little Blue Flag

**Lowe Brothers FARM SERVICE PAINT**

is the best for every utility purpose around your property. Easy to put on, hard to wear off, impossible to beat. Lowe Brothers Farm Service Paint accomplishes the one most important thing—absolute immunity from wet-rot. It will sheathe your buildings in a tough, weather-defying coat that will last for years. It will deliver 100 cents of honest service for every dollar you pay for it. You can't ask for more in any paint—you can easily get less in ordinary paint; so insist on Lowe Brothers Farm Service Paint at the best dealer in your town—or write to the manufacturers and get valuable paint books free, together with directions where to procure this paint.

**Lowe Brothers Limited 263 Spadina Ave., Toronto**  
 Dayton New York Boston Chicago Kansas City

**BRAMPTON JERSEYS**  
 Several imported cows and bulls for sale. Canada's Greatest Jersey Herd. B. H. Bull & Son, Brampton, 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 the herd, and sired by the greatest sire of the breed Pontiac Kordyke. Dam, Pontiac Artis, 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. G. HARDY, Owner. H. LORNE LOGAN, Mgr., Brockville, Ont.

**Maple Holstein-Friesians** Special offering: Bulls from 1 to 15 months old. The growthy kind that will give good service. One from a son of Evergreen March, and all from Record of Merit dams. Write for particulars. G. W. CLEMONS, St. George, Ont. Bell telephone.

**Evergreen Stock Farm** 4 bulls, 12 mos. old, from officially backed ancestors, running from 18½ lbs. at 3 yrs. to 23 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.

**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 7 days; fat 4.32 per cent., and Johanna Colantha 2nd 32.90 lbs. butter in 7 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.

**Holstein Heifer** Calves from heavy-milking, high-testing registered dams, sired by the great bull, Cor-sellus De Kol. Price, \$12 each.

**GLENORO STOCK FARM, Rodney, Ontario**  
**HOLSTEINS and YORKSHIRES** Minster Farm offers a grandson of Snowflake. She gave 2,054½ lbs. milk in 30 days, and of Count Hengerveld Payne De Kol; his dam and sire's dam average 24.075. A sister made 35.55 lbs. butter in 7 days. For extended pedigree and price, write: R. Honey & Sons, Brickley, Ont.

**Summer Hill Holsteins**  
 Would you like your next bull to be from the same sire as the heifer that holds the world's record for yearly work, and the same sire as the Champion Cow of Canada in the thirty day work, and the same sire as the Champion four-year-old of Canada in the thirty day work? We have bulls of this breeding to offer whose dams have records of over 27 lbs. We have also some extra choice heifers bred to our junior herd bull whose dam has a record of 34.60 lbs. butter in seven days and 111 lbs. milk a day. Yorkshires of all ages. D. C. FLATT & SON, R. R. No. 2, Hamilton, Ont.

**\$150.00** buys a 2-year-old HOLSTEIN heifer just freshened. Have also for sale some Yorkshire pigs just weaned. A. WATSON & SONS, R.R. No. 1, St. Thomas, Ont.