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Offers young bulls and heifers for sale: heifers bred to Eminent Royal Fern. **D. DUNCAN, DON, ONTARIO**
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Salaphorene Farm Jerseys Present offerings: Choice bull calves from three to sixteen months, at very reasonable prices for quick sale. **JOSEPH SEABROOK**, Havelock, Ontario

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.

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, P. L. Houghton, Sec., Box 137, Battleboro, Vt.

Special Offering at Maple Grove, Crest-cent Ridge and Welcome Stock Farms. To make room for the spring calf crop, we offer at bargain prices, considering their quality and breeding, young cows, Record of Merit backing, fresh and shortly to freshen. Also heifers due to freshen, bred to our great bulls; also one of the stock bulls and a young bull fit for service, out of our 21-lb. 3-year-old. Come and see them, or write
H. BOLLERT, Tavistock, Ontario
R. R. No. 1.

Registered Holsteins

Cows in splendid condition, all large, straight animals and due to freshen before 1st April. Also some young stock of excellent breeding, both sexes.

Collier V. Robbins, Riverbend. Bell Phone.

Hawthorne Gen Holstein Herd

Offers young bulls ready for service, one from Calamity Houwtje, 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.

The Maples Holsteins

I am now offering for sale 10 young bulls, official record backing on both sire's and dam's side. They would be enough for service, and my prices should sell them.

WALBURN RIVERS, Foldens, Ont. Phone.

Maple Hill 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.

Glenwood Stock Farm 5 BULL CALVES fit for service, out of big milking strains, at low figure for quick sale. **THOS. B. CARLAW & SON**, WARKWORTH, ONT., Campbellford Sta.

Ridgedale Holsteins—We have a couple of 3-year-old heifers for sale, one due to calve in February, the other is bred; both are milking now; also a few bull calves for sale, one over a year old. Shipping stations: Port Perry, G. T. P. and Myrtle, C. P. R., Ontario County.
R. W. WALKER, Urica, Ont.

Young Holstein Cow For sale: 4 years old, due to calve in February; also her heifer, 1 year and 4 months old; served by pure-bred bull. Will sell at reasonable prices. **A. D. URLIN**, Dutton, Ont.

QUESTIONS AND ANSWERS. Miscellaneous.

WARTS ON TEATS.

How can I remove warts on teats of a Jersey cow?

OLD SUBSCRIBER.

Ans.—Some say repeated application of castor oil will cure. If this fails, wait until the cow is dry and remove the warts by applications of butter of antimony applied with a feather. This is very caustic, and care should be taken not to allow it to cover a larger surface than that of the wart itself. This should not be applied while the cow is in milk.

GREASE.

A heavy stallion, thirteen years old, is troubled with greasy eruptions on heels. Can you suggest a cure?

J. C.

Ans.—It is doubtful whether a complete cure can be effected. Prevention consists in feeding moderately to lightly on grain, and exercising regularly. Curative treatment consists in purging with 8 drams aloes and 2 drams ginger, prepared by a druggist, and given as a ball, feeding bran mash till purged. Follow up with 1½ ounces Fowler's Solution of Arsenic twice daily for a week. Local treatment consists in applying warm poultices of linseed meal, with a little powdered charcoal, every six or seven hours for a couple of days and nights, and then applying three times daily a lotion of one ounce each of acetate of lead and sulphate of zinc, and two drams of carbolic acid, to a pint of water.

MISCELLANEOUS QUERIES.

1. I have two fields which are pretty well run down, being cropped with oats for some years, and have enough barnyard manure for one field, and intend sowing fertilizer on the other. One field I intend sowing to barley and oats, and seeding down, and the other to oats, but not seeding it. Which field would it be best to put the fertilizer on?

2. Could fertilizer be sown with an ordinary broadcast seeder, and should it not give good results if seed was also broadcasted after sowing fertilizer?

3. Does land need to be rich to grow Hungarian grass? What time should it be sown, also thickness?

4. Have a quantity of timothy seed. Would it be advisable to seed a wheat field with this alone in spring, and what rate would give a good stand of grass? As clover is so dear, I do not want to buy it.

5. Do you consider sugar beets as good for milch cows as either of the other roots? Should they be sown earlier than mangels?

R. M. A.

Ans.—1. There are several factors to be considered. If the fields are now fairly well supplied with humus, and the land is in a fairly good condition, it would be advisable to seed down, provided clover was used in the seeding, the field which gets the commercial fertilizer. The field getting the manure will get a large addition of humus, and if the other field was sown to clover with a grain crop and a commercial fertilizer, the clover would largely supply humus, whereas if the manure and clover both went on the one field, it would be getting all the humus, and the other field none. There are other factors which enter into this, however, as the relative condition of the two fields, and whether or not clover is to be part of the seeding mixture.

2. It requires a special drill, or it may be sown by hand. A good time to apply is when cultivating the land in preparation for the crop. One-half the nitrogen may be held and applied when the plants are two or three inches high.

3. Millet will grow on almost any soil, but for good yields the soil must be in fair condition. Sow early in June at the rate of about one bushel per acre.

4. Better sell some of the timothy and buy some clover. It always pays to give a liberal seeding. Sow from 8 to 12 lbs. of red clover per acre, and from 4 to 6 lbs. of timothy.

5. Sugar beets are very satisfactory feed for milch cows. Sow as early as possible in the spring after the grain seed is finished. Mangels should be sown at this time.

HIGHEST PRICE FOR CREAM

T. EATON CO. LIMITED is now paying 31c per lb. for Butter Fat. We buy cream, sweet or sour, of good flavor. We furnish the cans and pay the express charges within a radius of 250 miles of Toronto.

We test and weigh each can on arrival, and send you a statement for same.

We pay all patrons once a week, and the price is increased as the price of butter advances.

Drop us a card, and we shall be pleased to furnish you with any further information you may require.

THE T. EATON CO. LIMITED
TORONTO - CANADA

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.

Ask your dealer. If he cannot supply you, write us.

THE DOMINION LINSEED OIL CO. LTD.

Manufacturers.

BADEN, ONTARIO.

MONTREAL, QUEBEC.

Brampton Jerseys

Bulls fit for service are getting scarce. Just a few left. Yearling heifers in calf are in great demand, 6 for sale; 6 now being bred. Brampton Stockwell the sire. A few good cows and some calves for sale. Production and quality.

B. H. BULL & SON, Brampton, Ont.

LAKEVIEW HOLSTEINS

We have a few bulls left that are ready for service, and must sell them now, as our barns are full. They are sired by Count Hengerveld Payne De Kol, or out of his daughters by Dutchland Colantha Sir Mona, and all their dams are in the Record of Merit. For immediate sale the prices will be greatly reduced. A post card will bring extended pedigrees by return of mail.

E. F. OSLER, BRONTE, ONTARIO

FAIRVIEW FARM'S HERD OFFERS sons of Pontiac Korndyke

25983, the greatest sire that ever lived, and the only bull that ever sired 13 daughters that have made 7-day records above 30 pounds each. Do you want your next bull to be a brother to such cows as Pontiac Lady Korndyke (38.02), Pontiac Pet (37.67), Pontiac Clothilde De Kol 2nd (37.21), Sadie Vale Korndyke (36.20), and eight others above 30 pounds? If you do, write me for price on a son of Pontiac Korndyke. I also have sons of Rag Apple Korndyke and Sir Johanna Colantha Gladi. **E. H. DOLLAR**, HEUVELTON, NEW YORK. Near Prescott.

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 seven 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 34.00 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.

HOLSTEINS AND YORKSHIRES We have at present a number of two-year-old heifers, some in calf and some just bred, also our stock bull King Peter Teak sired by Peter Teak O. A. C., dam Queen Mabe. Also some sows safe in pig. **A. WATSON & SONS**, R. R. NO. 1, ST. THOMAS, ONTARIO.

Choice Bull for Sale—One year old and ready for service. Wonderful depth and constitution, his dam, "Jan the Jewel Mechthilde 3r1," champion cow at Toronto. Record, 22.21 lbs.; g. dam 27 lbs.; sired by our great stock-getter, "Grace Fayne 2nd Sir Colantha." Price \$200. Also young females.

M. L. HALEY & M. H. HALEY, Springfield, Ont.

Woodbine Holsteins

Herd headed by King Segis Pontiac Lad, whose sire's dam is the champion cow of the world. Sire's sire is the only bull that has sired five four-year-olds that average 30 lbs. each. Dam's sire is the bull that has sired two 30-lb. three-year-olds. His two great grand sires are the only bulls in the world that have sired two 37-lb. cows. Bulls and bull calves for sale. **A. KENNEDY**, AYR, ONT.

Evergreen Stock Farm High-class Registered Holsteins

For sale: A few choice young bull calves and females, all ages; good enough for foundation stock
A. E. HULET, Norwich, Ontario.

Holsteins of Quality

No more bulls at present. Write for catalogue of our sale to be held on the farm
February 25th, 1913.

MONRO & LAWLESS, Elmdale Farms, Thorold, Ontario