

15⁹⁵ AND UP- WARD

AMERICAN SEPARATOR

THIS OFFER IS NO CATCH. It is a solid proposition to send, on trial, fully guaranteed, a new, well made, easy running separator for \$15.95. Skins hot or cold milk; making heavy or light cream. Designed especially for small dairies, hotels and private families. Different from this picture, which illustrates our latest capacity machine. The bowl is a sanitary marvel, easily cleaned. Write for a copy of our circular from WINNIPEG, MAN. TORONTO, ONT. and ST. JOHN, N. B. Whether you desire a large or small separator, we will send you a free catalog. Address: AMERICAN SEPARATOR CO. BOSTON, MASS.



Calves Without Milk

BLATFORD'S CALF MEAL

The Complete Milk Substitute

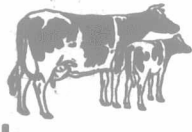
The result of over 100 years' experience with calf-raisers. The only Calf Meal made in an exclusive Calf Meal Factory. As rich as new milk at less than half the cost. Makes rapid growth. Stops scouring. Three calves can be raised on it at the cost of one. Get Bulletin, "How to Raise Calves Cheaply and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



Raw Furs

Our specialty is Canadian Raw Furs. Write for our free price list of Canadian Furs. We pay all mail and express charges. Remit same day as goods received. Hold shipments separate when requested. Prepay charges for returning furs if valuation is not satisfactory. We do not buy from dealers, but from trappers only.

HALLMAN FUR COMPANY
141 King St. East
TORONTO, ONT.
N. Hallman, Mgr. Four years with John Hallam



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 127, Battleboro, Vt.

Special Offering at Maple Grove, Crescomel 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.

Collver V. Robbins, Riverbend. Bell Phone.

Hawthorne Glen Holstein Herd

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

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.

Questions and Answers. Miscellaneous.

Ochre and Fish Oil Paint—Enlarged Knees.

1. I have been thinking of painting a roof with red ochre and fish oil. How much ochre would I put to a gallon of fish oil?
2. I have a cow that gets bunches on her knees when standing in the stable. She has always been right in summer. How can I treat her to cure, and prevent the bunches growing another winter?

G. F. B.

Ans.—1. We have never used or heard of this mixture, but one member of our staff has used yellow ochre, linseed oil, and turpentine, with satisfaction as a kitchen-floor paint. Five or ten cents' worth of ochre will suffice for an ordinary kitchen floor. The exact amount is determined by trial. A little turpentine is added as a drier.

2. Your statement of the case suggests the means of prevention. Keep the cow well bedded. If you can stand her with her fore feet on earth, it will help. Let her have exercise on nice days.

Feed for Dairy Cows.

What would you consider the best value for my money for dairy cows, oil cake at \$37 per ton, molasses meal at \$38 per ton, or cotton-seed meal at \$35 per ton?

C. B.

Ans.—It depends a good deal on what else you are feeding. If, as is probably the case, your ration is deficient in protein, the oil cake or cotton-seed meal would be much the more economical supplement. A mixture of these two feeds is very good. The best grades of cotton seed carry a higher percentage of nutrients than oil cake, but the oil cake is laxative, and rather a more wholesome feed, even for mature stock, while for calves or pigs there is no comparison. Fed together, you get the value out of the nutrients in the cotton seed, while the oil cake counteracts the constipating effect of the latter. We use these feeds mixed ourselves. Molasses meal we use in small quantities to supplement oats for horses, and have at times fed a little of it to cattle and pigs with apparently satisfactory results. It is, however, too dear to employ extensively for dairy cows.

Scratches—Ringworm

1. Our horses all have scratches on the hind legs. They do a great deal of scratching and stamping. There is only one that shows the scratches much on the leg. We would like to know what is good for them.

2. My yearling calves have something much like the ordinary ringworm, and it spreads very fast. I have tried oil and phenyl, and other things, but can't stop it. Can you please give a cure?

J. L.

Ans.—Except to any that may be in foal, give a purgative of 9 drams aloes and 2 drams ginger. To all that are affected, whether in foal or otherwise, give one to one and a half ounces Fowler's Solution of Arsenic night and morning for a week, then stop for a week, and repeat, etc. Administer the Solution of Arsenic on grain, or as a drench. Wash the legs thoroughly with a solution of corrosive sublimate 1 dram to a gallon of water, every second day, and rub with cloths until thoroughly dry. Give regular exercise, and feed little grain. Dress the scratches, where they show, three times daily with oxide-of-zinc ointment to which has been added 20 drops carbolic acid to each ounce.

2. Moisten the scales with sweet oil, remove them, and dress with tincture of iodine daily until cured. Disinfect the stable, and give a coat of hot lime wash, with five per cent of carbolic acid. Disinfect all pails, clothing, etc., that may have been exposed. The vegetable parasite that causes ringworm is easily conveyed from animal to animal. It adheres to stables, floors, pails, etc., and is always ready to attack a fresh victim. Disinfection and whitewashing are therefore in order. As for medicants, a simple treatment which has been successful in many cases is a mixture of three parts kerosene, two parts sulphur, and one part saltpetre. Lard and sulphur alone often give very good results.

HOLSTEINS By Auction

Owing to having sold his farm, Mr. A. H. Teeple, of Currie's, Ont., at the big Sale Pavilion, in the City of

WOODSTOCK, ONTARIO

Tuesday, March 11th, 1913

Will sell by Auction, without any reserve, his entire herd of 48 head of richly-bred and producing Holsteins. This is one of the noted herds of Oxford County, the result of many years' breeding, the produce of high, official backing on both sides for generations; including a big number of very choice heifers, and the two grandly-bred stock bulls, King Fayne Segis Clothilde and Prince Abbecker Mercena. The entire offering is an exceptionally high-class one and in splendid condition.

TERMS: Cash, or 11 months on approved note with 6%.

COL. WELBY ALMAS - Brantford
COL. A. SIPLE, WM. PULLIN, Woodstock } Auctioneers

Catalogues on application to

A. H. TEEPLE - CURRIE'S, ONTARIO

BIG DISPERSION SALE OF

Holsteins and Tamworths

Mr. John McKenzie, of

Willowdale, Ontario

6 miles north of C. P. R. Crossing, on Yonge St., having sold his farm, will, on

WEDNESDAY, MARCH 12th, 1913, AT THE FARM

Sell by auction, his entire herd of 40 registered Holstein cattle, and a number of registered Tamworth Swine, Brood Sows, Young-bred Sows, Stock Boars, Etc. There are cows with A.R. records up to 19.14 lbs. Two year-old heifers with A.R. records up to 16.30 lbs., R.O.P. records up to 14,000 lbs.; B.F. tests up to 4.51%. A strictly high-class lot in high-class condition. Nearly all in calf to a son of the great King Segis; and many of the young ones, sons and daughters of the same bull.

Metropolitan Electric Cars pass the farm every hour. STOP 34.

TERMS: Cash, or 8 months with 6%.

JOHN PRENTICE, Toronto, Auctioneer. For catalogues, write.

JOHN MCKENZIE - WILLOWDALE, ONTARIO

FAIRVIEW FARM'S HERD

OFFERS sons of Pontiac Korndyke 25983, the greatest sire that ever lived, and the only bull that ever sired 12 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.

LAKEVIEW HOLSTEINS

We are now testing some of the daughters of Count Hengerveld Fayne De Kol, and they are running from 16½ lbs. with first calf to 20 lbs. with second calf. There are still a few young bulls from these heifers that we are offering at half their value, in order to make room. They are sired by Dutchland Colantha Sir Mona. Come to the farm and see the dams of these bulls and their dams.

E. F. OSLER, BRONTE ONTARIO

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 34.60 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.

Holsteins: \$250 buys two 2-year-old Reg. Holstein heifers, bred to freshen in September. A. Watson & Sons, R.R. No. 1, St. Thomas, Ont.

Choice Bull for Sale—One year old and ready for service. Wonderful depth and constitution, his dam, "Jan the Jewel Mechthilde 3r l," 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, Springford, 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 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.

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.

When writing please mention The Advocate

The Maples Holsteins

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

WALBURN RIVERS, Foldens, Ont. Phone.

Oxford County