

WE NEED THE MILK

For our milk contract, so all the bull calves from fifteen choice cows and heifers, due to freshen by April 1st, must go. This means attractive prices for you. Write us, you'll be surprised how good a calf you can buy for how little money.

MONRO & LAWLESS,
Elmdale Farms, Thorold, Ontario

Woodbine Holsteins!

Offers for sale the great stock bull, Sir Creamelle, who is four years old. Kind and gentle, and has proven his ability as a sire, and to avoid inbreeding is offered for sale. Write for extended pedigree and price. Also young bulls sired by the above bull for sale. Phone connection.

A. KENNEDY, AYR, ONT.

Riverside Holsteins

Choice bulls 6 to 9 months old, sired by Sir Pieterje Posch De Boer and Prince De Kol Posch. Latter is the only son of champion cow, dairy test, Guelph, 1908 and 1909, and out of R. of M. dams.

J. W. Richardson, Caledonia, Ont.
Haldimand Co. Long-distance 'phone.

THE MAPLES HOLSTEIN HERD

Everything of milking age in the Record-of-Merit. Nothing for sale at present but a choice lot of bull calves sired by King Posch De Kol. Write for prices, description and pedigree.

Walburn Rivers, Folden's, Ontario

Notice! In public test we have the champion and 2nd highest scoring cow; world's record 3-year-old, junior champion 3-year-old in official test. Average per cent. fat 4.55. Herd headed by Grace Fayne 2nd's Sir Colantha. Sire's dam and sister with 35 pounds bull records each. **M. L. Haley and M. H. Haley,** Bull calves for sale. **Springford, Ontario.**

Springbank HOLSTEINS Two choicely-bred bull calves for sale. One is 10 months, the other 8 months. From high-class milkers. Prices reasonable. For particulars and breeding write to: **Wm. Barnett & Sons, Living Springs, Ont.** Fergus, C. P. R. and G. T. R.

Holsteins and Tamworths for Sale—Seven bulls, boars fit for service; sows bred, pigs, either sexes, from 6 weeks up. Sixty-five to select from. Phone connection, via Cobourg. **BERTRAM HOSKIN, The Gully P.O.**

Holstein Cattle—The most profitable dairy breed. Illustrated descriptive booklets free. **Holstein-Friesian Ass'n of America.** F. L. HOUGHTON, Secy, Box 127, Brattleboro, Vt.

DON'T Buy a HOLSTEIN BULL till you get my prices on choice goods from eleven months down, from best producing strain. "Fairview Stock Farm." **FRED ABBOTT, Harrietsville, Ont.**

Glenwood Stock Farm—Holsteins and Yorkshires. Holsteins all sold out. Have a few young Yorkshire sows, about 2 months old, for sale cheap. True to type and first-class. Bred from imported stock. **Thos. B. Carlaw & Son, Warkworth P.O., Ont.** Campbellford Station.

Ridgedale Holsteins—I have left three bull calves that will be priced right for quick sale; their dams are heavy producers, and their sire was bred right. **R. W. WALKER, Utica, Ont.** Phone connection.

Evergreen Stock Farm offers bulls 2 to 12 months, from high-testing stock, giving 12 lbs. at 2 years to 22.78 lbs. for mature cows. Sired by Sir Mercena Favorite. Dam and gr. dam have average record of 24.60 lbs. butter in 7 days. **F. E. PETTIT, Burgessville, Ont.**

ELMWOOD HOLSTEINS—Two choicely bred bulls 17 mos. old, grandsons of Sarcastic Lad; sired by a son of Iantha Posch, whose dam's record is 27½ lbs. butter in 7 days. Young cows to freshen during March and April. Prices right. **E. D. George & Sons, Putnam, Ontario.**

CHERRYBANK AYRSHIRES! Imported and Canadian bred, with R. O. P. official records, headed by the renowned champion, Imp. Netherhall Milkman. Richly-bred females and young bulls for sale. **P. D. McArthur, North Georgetown, Que.**

BUSINESS-BRED AYRSHIRES My herd of Ayrshires have for generations been bred for milk production. They are nearly all in the R. O. P. My present offering is several young bulls most richly bred. **James Begg, R. R. No. 1, St. Thomas, Ont.** Bell phone.

CRAIGALE AYRSHIRES! Our record: Every cow and heifer entered in Record-of-Performance, and retained in herd until test was completed, has qualified. Heifers and young bulls for sale of show-ring form. **H. C. HAMILL, BOX GROVE P. O., ONT.** Markham, G. T. R.; Locust Hill, C. P. R. Bell phone connection from Markham.

HILLVIEW AYRSHIRES.—Imp. Hobland Hero at head of herd. Imp. and Canadian bred females. Young bulls true to type and bred in the purple for sale, also a few heifers. **R. M. Howden, St. Louis Station, Que.**

HILLCREST AYRSHIRES.—Bred for production and large teats. Record of Performance work a specialty. Fifty head to select from. Prices right. **FRANK HARRIS, Mount Elgin, Ont.**

Ayrshires Bull calves, from 4 months to 9 months, from imported sire and Record of Performance dams. Records 50 to 63 pounds per day. **N. Dymont, R. R. No. 2, Hamilton, Ont.**

QUESTIONS AND ANSWERS. Miscellaneous.

EXERCISE OF BROOD MARES.

I have three mares in foal, fed on hay only, and are in box stall; are out in paddock every day. Is this better than working them at light work? Should they have a little grain also?

A SUBSCRIBER.

Ans.—No; regular light work would be better for the mares. They should, in either case, be fed a light ration of oats and bran.

FARMING ON SHARES.

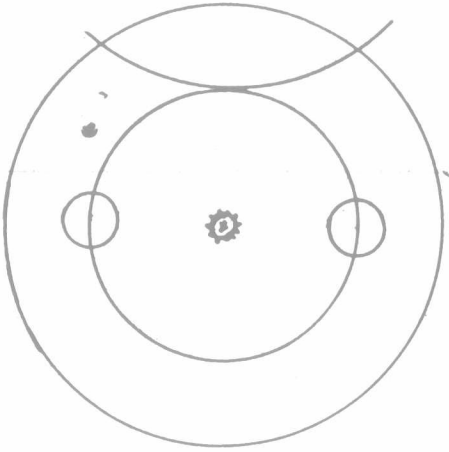
A and B take farm on shares from C, commencing April 1st last, there being two sow pigs coming in, A and B feeding same until litters of 16 young came, A and B feeding and finding all labor for same, C finding half seed in everything on farm, which included field of cob corn which A and B thought was to be absolutely for pigs; nothing in agreement to any effect. When time came for cobs to be gathered in, C steps in and demands half of them for his own private use, leaving us to feed the whole of the pigs on our half. When pigs are ready to be disposed of, he claims half of pigs also, A and B feeling assured that not being a fair deal. A and B would like to know whether C was entitled to the pigs and cobs also?

SUBSCRIBER.

Ans.—No. C was, we think, reasonably entitled to but half of the corn remaining after sufficient provision had been made for the feeding of the pigs. Had he confined his demand in respect of corn to such proportion, he would have become entitled to half the pigs. As it is, we think, he ought out of such half make allowance to A and B for his over-taking of corn.

BEAUTIFUL SKY SCENE.

On the afternoon of the 6th of February, the sun was surrounded by a circular rainbow crossing a sundog on each side on the north and south line; on the upper side, the rainbow touched a reversed arc, and all was surrounded by an outer circle as illustrated by the diagram. The south sundog was at first much brighter than the other, but about five o'clock a cloud



began to grow over the former, and then the north one brightened up to the intensity that the south one had shown. About half-past five the sundogs and circles faded out, disappearing with the setting sun. What is the explanation of this phenomenon?

F. Q.

Ans.—There are few sky scenes so beautiful as the halo which may occasionally be seen in morning or afternoon of winter days in northern latitudes. These luminous and sometimes beautifully-colored appearances, occur when prismatic ice crystals are falling very slowly in a still atmosphere. An inner circle forms at an angle of 22 degrees, and sometimes an outer one at 46. As the rays of light are broken up by the multitude of prisms, the red part, which is the least refrangible, forms the inner band of color, next comes the orange, and so on, to the violet. The sundogs are supposed to be due to the reflections from ice-prisms falling vertically. In the top or tangent arc, the order of the colors is reversed. It is the effect of the refraction of light entering the base of the prisms and emerging by their vertical surfaces. D.



Clydesdales, Road Horses & Holsteins BY AUCTION

At the farm, 1¼ miles west of Glen Grove, on Yonge Street,

THURSDAY, MARCH 9TH, 1911

Mr. C. H. Shaver will sell by auction 3 registered Clydesdales, an imp. mare and her two daughters, 17 Holstein cattle (15 females and 2 young bulls); several of the females are in the R. O. M. and R. O. P. They are high producers, and have rich official backing. Also to be sold are several high-grade and high-class Thoroughbred geldings and fillies. This is a sale of high-class stock in splendid condition.

TERMS—8 months' on bankable paper, or 6% per annum off for cash.

Conveyances will be at Davisville P. O. at 11 a.m. on day of sale. Lunch at noon. Catalogues by addressing: **C. H. Shaver, Davisville P. O., Ont.**

LAKEVIEW HOLSTEINS

Two young bulls, calved March 27th and April 25th, sired by Count Hengerveld Fayne De Kol, whose sire is the sire of D. Kol Creamelle, 10,017 lbs. milk in 100 days, and whose dam is the dam of Grace Fayne 2nd's Homestead, who made 35.55 lbs. butter in 7 days. These two bulls are mostly white, and are smooth and big. Must make room for this season's calves, and will sell reasonably.

E. F. OSLER, BRONTE, ONTARIO HOLSTEINS AND YORKSHIRES

More high-record cows in our herd than in any other in Canada, including the champion Canadian-bred three-year-old, and the champion two-year-old of the world for yearly production. The sire of these champions is our main stock bull. We have a large number of heifers bred to him that will be sold right to make room for our natural increase. Also bull calves for sale. We are booking orders for spring pigs, also sows safe in pig. We invite inspection of our herd. Trains met at Hamilton when advised. Long-distance Bell phone 2471 Hamilton.

D. C. FLATT & SON, MILLGROVE, ONT. R. F. D. NO. 2

Fairview Farms!

We are offering sons of Pontiac Korndyke, sire of the world's record Pontiac Clothilde De Kol 2nd, 37.20 lbs. butter in 7 days, and the sire of seven daughters that average 31.13 lbs. each in 7 days, equalled by no other sire living or dead. Also sons of Rag Apple Korndyke, whose dam, Pontiac Rag Apple, 31.62 lbs. butter in 7 days, is a full sister to the world's record cow, making these two full sisters records average for the seven days 34.41 lbs. each, equalled by no other two full sisters of the breed. Also sons of Sir Johanna Colantha Gladi, whose dam and sire's dam average 33.61 lbs. each, which is higher than can be said of any other sire of the breed. Dams of many of these calves are high-record Korndyke. Write me for breeding and price. **E. H. Dollar, Heuvelton, St. Law. Co., N. Y.**

MAPLE HILL HOLSTEIN-FRIESIANS

Females all ages. Write for what you want, or come and see them. Bell Telephone. **G. W. CLEMONS, ST. GEORGE, ONTARIO.**

Ayrshire Cattle & Ponies BY AUCTION

In the CITY OF HAMILTON, at the Hamilton Sale Company's Sale Barn, three minutes' walk from the Stuart St. Station, on

THURSDAY, MARCH 9th, 1911

MESSRS. N. & E. DYMENT will sell by auction, without reserve, 30 head of Ayrshire cattle, 13 cows in milk, 11 heifers from 2 months to 2 years of age, 6 bulls from 3 to 12 months of age, and one bull 3 years of age. Several of those in milk are in the R. O. P., and many of the others are sons and daughters of R. O. P. dams. A strictly high-class offering. The ponies are Welsh and Iceland; ten of them will be sold, from 2 to 7 years of age, well broken and sound; also the grand pony stallion, Venturesome Verne, a Hackney-Welsh cross.

TERMS: Seven months' on bankable paper, or 5 per cent. per annum off for cash. Catalogues on application to:

E. DYMENT, Copetown P.O.
SALE AT 1.30 P.M.

Burnside Ayrshires

America's champion herd; over 100 head to select from; practically all imported and bred from imp. sire and daughters of R. O. P. dams. We won the late dairy test at Ottawa over all breeds. We can supply car lots. **R. R. NESS, HOWICK, QUE.**

STONEHOUSE Ayrshires

The champion Canadian herd for 1910 at the leading shows. 32 head imp., 56 head to select from. R.O.P. official records, the best and richest bred types of the breed. Anything for sale. Young bulls, females all ages. **HECTOR GORDON, HOWICK, QUE.**

Stockwood Ayrshires

Imported and Canadian-bred. High producers and high testers. Females of all ages for sale; also several young bulls, from 8 to 13 months old. Imp. sires and out of imp. dams. Right good ones, and bred from winners. **D. M. Watt, St. Louis Station, Quebec.**

Ayrshires & Yorkshires

Our Ayrshire herd is in fine form. We can fill orders for a number of bulls fit for service, of good dairy breeding, or imported stock for 1911. Females any age. Young calves either sex. Young boars fit for service. Young pigs ready to ship. Write for prices and particulars. Long-distance 'phone. **ALEX. HUME & CO., Menie P. O., Ont.**

SPRINGBANK AYRSHIRES

The world's leading herd of Record-of-Performance Ayrshires. Contains more champion milk- and butter-producers than any other herd. Also big cattle, big udders and big teats a specialty. A few bull calves, true to color and type, from R. O. P. dams, for sale at reasonable prices. **A. S. TURNER & SON, Ryckman's Corners, Ont.** Three miles south of Hamilton. Visitors welcome. Trains met by appointment.