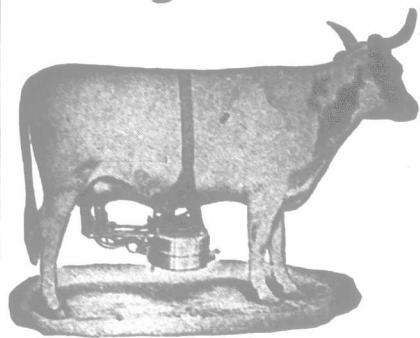


OMEGA Milking Machines



Care of Milking Machines

Excerpts from an article in the "Implement News"
"One of the most important needs of users of milking machines is that of quick cleaning. It should be done properly at the proper time. The machines should never be allowed to stand until the casein hardens on the rubber tubes or cups."

Omega Has No Rubber Tubes

Short, transparent, celluloid tubes take the place of long rubber ones. They do not decay or harbor germs and are easily and quickly cleaned. This is an exclusive OMEGA feature; another is that the pail and milking parts are suspended from the cow's back and the teat-cups cannot fall to the floor and suck up filth.

WRITE TO-DAY

for illustrated booklet describing the many exclusive features of the OMEGA.

C. RICHARDSON & CO.
ST. MARY'S, ONTARIO

Cream Wanted

Ship your cream to us.
We pay all express charges. We supply cans. We remit daily. We guarantee highest market price.

Ontario Creameries, Limited
London, Ontario

JUST A WORD!

about our offering to the

Big Ayrshire Sale at Woodstock, March 27

2 extra good bulls old enough for service; 1 choice 10 months heifer by "Selwood Prince Ideal"; 5 young cows due to freshen about time of sale, splendid individuals of gilt-edged breeding, just the kind for foundation stock.

Remember our personal guarantee of satisfaction or money refunded goes with every animal we offer.

Write for catalog and look up our consignment,
J. L. STANSELL, Straffordville, Ontario

Ayrshire Cows

are easy feeders—and thrive well.

WRITE W.F. STEPHEN, Secretary
CANADIAN AYRSHIRE BREEDERS' ASSN.
Box 513 Huntingdon, Que.

LAKESIDE AYRSHIRES

A choice selection of young bulls for sale from Record of Performance dams imported and Canadian bred.

SIRES: Auchenbrain Sea Foam (Imp) 35758 many times grand champion.
Fairfield Mains Triumph (Imp.) 51137 a son of the noted Hobsland Perfect Piece.

Write for catalogue.
Geo. H. Montgomery, Proprietor, Dominion Express Building, Montreal. D. McArthur, Manager, Phillipsburg, Que.

JAS. B. ROSS, MEADOWVALE, ONTARIO
for high-producing, show-yard AYRSHIRES
Herd headed by SNOW KING 47376, first-prize two-year bull at Toronto, 1917. Write me also for anything in Yorkshires.

Meadowvale P. O., Streetsville Station
SUNNYSIDE AYRSHIRES
We have, at present, the strongest lot of young bulls we ever offered—1 by Hobsland Masterpiece, 1 by Sunnyside Matchless—and the others by our present herd sire, Sunnyside Masterpiece.
JOHN W. LOGAN, HOWICK STATION, QUE.

D. M. WATT

For imported or Canadian-bred Ayrshires, bulls or females, get my prices. My importations win wherever shown. Write me for one animal or a carload. St. Louis Station, Que.

and clots quickly when exposed to the air, being entirely different in this respect to the blood from an anthrax carcass, which is tarry and will not clot. The germs, while not numerous in the blood, are present in great numbers in the bloody serum of the swelling which generally appears on one of the quarters or the side of the neck of an affected animal. This swelling is characteristic of black-leg when a crackling sound is noted on passing the hand over the swollen area. The crackling sound is caused by the presence of gas in the tissues, this being formed during the growth of the black-leg germs. On being cut, the affected muscle is found to be very dark in color, while gas, having a peculiar penetrating acid odor, is seen coming up from the cut surface in very small bubbles. As in the case of anthrax, the germs are killed and spore formation checked by leaving the hide on the dead animal, thus excluding the air.

Anthrax is much the more serious of the two diseases, as it may affect man as well as horses, cattle, sheep, swine, and other animals of any age or breed, and is quickly fatal. One may be led to suspect anthrax by the short duration of the illness. The animal may have been perfectly healthy the night previous, but is found dead in the morning, and is found to have a bloody discharge from the natural openings of the body (mouth, nostrils, anus, etc.) These features should arouse suspicion, and make one exceedingly careful in handling the carcass, so as to avoid infecting himself and others, or distributing the infection over the ground when removing the carcass to a suitable place for burial. If there is still doubt, a dew drop of blood placed on a clean piece of note paper, allowed to dry in the air, folded and forwarded to a laboratory, enables a microscopic examination to be made, which should settle all doubts. A post-mortem examination may be performed, but this is not advised, as it is a very dangerous procedure. At a post-mortem on a case of anthrax, bloody stains are noted throughout the tissues and organs of the body. The spleen (milt) is greatly enlarged, very dark or black in color; the blood is dark in color, tarry and does not clot after death.

The carcass of such an animal should be destroyed by fire as soon as the diagnosis is made or suspected, care being taken that all discharges and litter about the animal be burned with it, even to the halter. The animal should, under no consideration, be skinned, as this is a most dangerous procedure; nor should it be dragged over the farm with a chain around its neck or leg that a spot may be found where the digging is easy, for by this means the infection is spread, contaminating any enclosure through which the animal may be drawn.

Black-leg is a disease of the ox, and is most often seen in animals from 6 months to 4 years old. The first symptom is usually lameness, and the entire duration of the disease may be slightly longer than anthrax. The quarter in which the animal has shown lameness becomes swollen and the tissue beneath the skin is filled with gas, feeling very much like stiff paper when pressed by the hand. Pressure gives a crackling sound similar to the rustling of paper. The skin covering the affected part is dry and, on post-mortem examination, is found to be very dark in color, while the mucous membrane or internal lining of the intestines may be reddened or slightly blood stained.

The precautions to be taken in handling the carcass should be similar to those mentioned in the case of anthrax, as the danger of spreading the infection is serious, although human beings do not contract the disease. There should be no more difficulty experienced in determining the existence of black-leg than there is in diagnosing anthrax, but if it is desired to be absolutely certain, a few drops of the bloody material from the affected muscles placed on a clean piece of note paper and dried in the air will determine, when microscopically examined, whether the disease is black-leg.

Where the death is thought to be due to either anthrax or black-leg, and it is impossible to determine which affection caused death, the placing of a small amount of blood in an equal amount of glycerine will enable a positive laboratory diagnosis to be made. A drachm (teaspoonful) of this blood glycerine preparation is sufficient.

An opportunity for treatment of animals affected with either disease is seldom afforded, and when such an opportunity

SIXTH CONSIGNMENT SALE OF 50 Head Pure-Bred Ayrshire Cattle

FROM THE HERDS OF THE
SOUTHERN COUNTIES AYRSHIRE BREEDERS' CLUB

to be held at Dr. Rudd's Sale Stable, Woodstock, Ont.

March 27th, 1918

AT 1 P.M.

In this sale will be found representatives of the greatest producing strains of Ayrshires in Canada. JEAN ARMOUR, ex-world's champion; LADY JANE, Canadian R.O.P. champion cow; SCOTCH THISTLE, Canadian R.O.P. champion three-year-old; and LENORE, 2nd ex-champion butter-fat producer in 2-year-old class, were all bred by members of our club. In this sale, we believe, we have the best lot of cattle yet offered at any of our sales. There will be a few choice young bulls. Write the secretary for a catalogue, with full details of the sale.

F. H. Harris, Mt. Elgin, Ont.
President

John McKee, Norwich, Ont.
Sec.-Treasurer and Sale Manager

MOORE & DEAN, AUCTIONEERS

HILLHOUSE AYRSHIRES—F. H. Harris, Mt. Elgin, Ont.

Headed by Burnside Lucky Master Swell, a combination of blood so hard to equal, being of the Masterpiece and Lucky Girl families, a combination which means quality, production and constitution. Ninety head to select from. Special offering—20 yearling heifers and 3 bulls. Inspection invited.

Gladden Hill Ayrshires Winners wherever shown—Herd headed by Fairview Milkmaid; sire Hobsland Stumpies Heir, Imp.; dam, Milkmaid 7th, a 166.96-lb. R. O. P. cow with 729 lbs. of fat; average test 4.36 per cent. We have three 12-month bulls that were winners at Toronto and London. All are by herd sire. Come and see our females. We also have two three-year-old Clydesdale stallions, one by Surname Imp., and one by Cairndale Imp. Good quality and sure breeders. Will sell one. Price reasonable.
LAURIE BROS. C.P.R., G.T.R., C.N.R., Shipping Stations, AGINCOURT, ONTARIO

SPRING BANK R. O. P. AYRSHIRES
Herd Sires: Netherton King Theodore Imp., and Humeshaugh Invincible. Grand champion London, 1917. Our herd at present holds the Canadian records for both milk and butter in the two-year three-year and the mature classes. Let us tell you about the daughters of Netherton King Theodore. We have sons of both bulls for sale—all have R. O. P. dams. Visitors met at Hamilton by appointment.
A. S. TURNER & SON (3 miles from Hamilton) RYCKMAN'S CORNERS, ONT.

GREAT DISPERSAL SALE BY AUCTION OF 35 Head of Registered Jerseys

I will sell at my farm, 1 mile west of Dorchester on Hamilton Road,
my entire herd of Jerseys on

WEDNESDAY, MARCH 27, 1918

Sale Starts at 1 p.m.

The herd is headed by Olines Oxford You'll Do. He is closely related on his sire's side to Oxford You'll Do, the greatest Jersey bull living, and on his dam's side to "Champion Flying Fox", who sold at auction for \$7,500.00. Among the matrons of the herd is Pride of Riverside, which gave on an average for a week, 54 lbs of milk a day, and a testing of 5.7%. Five of her daughters are in this sale.

Two Chester White sows (registered) in pig to registered boar.
TERMS: Cash, or 6 months' credit on bankable paper with interest at 6%.

Trains will be met at Dorchester. For full particulars write:—

CHAS. E. ROGERS, Ingersoll, Ontario, Proprietor
ALEX. ROSE, Auctioneer

THE
WOODVIEW FARM
JERSEYS
LONDON, ONTARIO
Jno. Pringle, Proprietor

CANADA'S MOST BEAUTIFUL JERSEY HERD
Imported Champion Rower at its head.
This bull, with his get, won first prize on the island of Jersey, 1914, second in 1916, and again first in 1917. Present offering—A few yearling heifers in calf to our great young bull, Woodview Bright Prince (7788), and bred from imported sire and dams. We show our work cows and work our show cows.

BRAMPTON JERSEYS

SPECIAL OFFERING of fresh cows, in-calf heifers and Island bred bulls. Nearly all of the Champion R.O.P. cows are directly descended from the Brampton Herd. Buy at the fountain head.
B. H. BULL & SON BRAMPTON, ONT.

THE EDGELEY CHAMPION HERD OF JERSEYS

Write us about your next herd sire. We now have sons of our present herd sire, Edgeley's Bright Prince, who is a son of Canada's champion butter cow, Sunbeam of Edgeley. Pay us a visit. Sunbeam of Edgeley is not the only high-record cow we have. We are pleased to show our herd at all times.
JAMES BAGG & SONS (Woodbridge, C.P.R., Concord, G.T.R.) EDGELEY, ONT.

THE DON JERSEY HERD—

OFFERS:—Several young bulls, all of serviceable age, and all from R. O. P. dams. These are priced right. Interested parties should write or see these at once. We also have females of breeding age.
D. DUNCAN & SON, Todmorden P.O., Duncan Station, C.N.O.

RECORD OF PERFORMANCE JERSEYS

CHOICE BULLS AND FEMALES. We have six young bulls of serviceable age, all from R.O.P. dams. Three are by our senior sire, Brampton Dairy Farmer, and three are by our junior sire, Brampton Bright Togo. Write for records. We also have females.
B. & A. H. BAIRD (G.T.R. Stations—New Hamburg, Bright) New Hamburg, Ontario

Twenty-Five Years Breeding REGISTERED Jerseys and Berkshires

We have bred over one half the world's Jersey champions for large yearly production at the pail. We bred and have in service the two grand champion Berkshire boars. If you need a sire for improvement, write us for literature, description and prices.

HOOD FARM, LOWELL, MASS.

Kelso Farm R. O. P. Ayrshires. Herd headed by Palmston Speculation Imp. We never had a stronger line-up of R. O. P. producers than we have at present. Our 1917-1918 young bulls are sure to please. D. A. MacFarlane, Cars Cross-ing, G. T. R., Athelstan N. Y. C.; Kelso, Que

When writing please mention this paper

LABELS
Live-stock Labels for cattle, sheep and hogs, manufactured by the Ketchum Manufacturing Co., Ltd., Box 501, Ottawa, Ont. Write for samples and prices

SHROPSHIRE

30 Yearling Rams—12 Yearling Ewes.
W. H. PUGH, MYRTLE STATION, R. 1
Farm 2 miles from Claremont

Cloverdale Shropshires and Berkshires—40 shearing rams, 70 shearing ewes; an exceptionally choice lot, true to type and well grown, nearly all bred by the show ram, Nock 16 Imp. In Berkshires, the usual strong offering, including sows just bred. C. J. LANG, Burketon, Ont.