

Reliable Steel Tanks

You can absolutely rely upon "TORONTO" STEEL TANKS.

Their design is perfect. Even good material and good workmanship without proper design will fail.

A steel tank must be built to stand the strain when water-filled. It must be thoroughly braced—that is the secret.

"TORONTO" Steel Tanks

do not bulge out, then start leaking.

They are stiffened up so that they cannot budge an inch. They stand right up to their strain.

The material is the finest Apollo galvanized steel. It won't rust. The workmanship of the best.

You probably need a tank. So get free estimates and full particulars from office nearest you. Address:

ONTARIO WIND ENGINE & PUMP CO., LTD.
Winnipeg TORONTO Calgary

Butter! Butter!! Butter!!!

Why make butter during the winter months when you can ship your cream weekly, and get the highest market price? If within one hundred miles of London we can guarantee you, for your butter-fat for November, 30c. per pound, f.o.b. your nearest express office, and supply cans for shipment (6, 8 or 10-gallon to suit your requirements). We remit immediately each shipment is tested. A postcard will bring a can (specify size suitable), and enable you to give this system a fair trial. See our ad. for poultry and eggs in this issue, p. 2078.

SILVERWOODS, LIMITED
Successors to Flavell-Silverwood, Limited
LONDON, ONTARIO

HOLSTEINS

We are now offering some young bulls from 4 to 10 months old, got by the great sire, Ida's Paul Veeman, which has daughters with 20 lbs. of butter in 7 days as 2-year-olds; also some cows and heifers freshening in Oct., served by Veeman. Write or come and visit the herd for particulars.

H. C. HOLBY, Belmont, Ont.

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, F. L. Houghton, Sec., Box 127, Battleboro, Vt.**

Holsteins of Quality

Write us to-day for our proposition, telling you how any good dairyman may own a registered Holstein bull from a Record-of-Performance cow without investing a cent for him.

MONRO & LAWLESS, "Elmdale Farm"
Therold, Ontario

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.

Maple Grove Holsteins Herd headed by King Lyons Hengerveld, whose 17 near female ancestors have butter records from 30.50 to 34.75 lbs. in 7 days, including world's records for 7 and 30 days.
H. BOLLERT, R. R. No. 5, Tavistock, Ont.

HOLSTEINS and YORKSHIRES Richly-bred young bulls, officially backed on both sides. Yorkshires of highest type and quality at rock-bottom prices. R. Honey & Sons, Brickley, Ont. "Minster Farm."

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.

ARE YOU GOING TO THE SHANTY THIS WINTER?

Write at once for "SHANTY SPECIAL MEDICINE" for horses.
National Stock Food Company, Ottawa, Ont.

TRADE TOPIC.

NEW FEATURES AT CHICAGO STOCK SHOW.

The International Live-stock Exposition, Chicago, with a view of helping the general public in reducing the high cost of living, has inaugurated new educational features in its position which will be introduced this year for the first time, and will undoubtedly aid in rounding out the usefulness of the show. Leading educators and successful laymen have been invited to deliver lectures during the week of the show this year upon topics of vital importance to the breeders, feeders and farmers of America, and for this purpose a large convention hall, with equipment to illustrate the lectures by stereopticon views, or live animal exhibits, has been arranged in the main amphitheater.

As a foretaste of what will be afforded the visitors to the show this year, the following gentlemen have been invited to deliver lectures, and most of them have kindly accepted:

H. J. Waters, President Kansas Agricultural College—"Why Young Animals Do Not Grow on Corn Alone."

Prof. H. R. Smith, University of Minnesota—"Types of Beef Cattle Most Profitable to Feed."

Prof. C. S. Plumb, Ohio State University—"Wool and Its Products."

Dr. A. S. Alexander, University of Wisconsin—"Diseases of Farm Animals."

Prof. E. A. Trowbridge, University of Missouri—"Correlation of Breeding Horses on the Farm, and Market Horses."

Prof. W. A. Cochel, Kansas State College—"Selection of Animals for the Feed Lot."

The "International" has been the recognized exponent of what is best in meat animals and utility-horse production since its inception, but its founders have not been satisfied that the advanced teachings of the show were being driven home as forcibly as they might be, hence the added literary educational feature. It is intended to publish in full the lectures delivered, as also a review of this annual live-stock event in a yearly report.

The Exposition is also to incorporate the domestic-science problems that are being worked out in our schools and colleges, which course will be under the direction of the most competent national authorities. This feature will still further emphasize the great good that the agricultural colleges are doing for our country, and will aid the housewife in economics that will lessen the cost of living. The leading feature of this department that will be exploited this year will be the preparation of the less-valued cuts of meats into nutritious and palatable dishes for the table. This will not only be a most valuable adjunct to the educational value of the show to the farm wife, but must prove of inestimable value to the meat industry and to the city visitor. The increased use and the many methods of preparation of mutton for the home table will be highly beneficial in consequence of the relatively low price of this commodity.

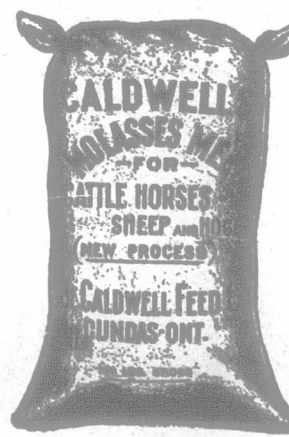
This year's show will be held from November 30th to December 7th

GOSSIP.

Official records of 262 Holstein-Friesian cows were accepted for entry by the American Holstein Association, from August 11th to October 14th, 1912. This herd of 262 animals, of which over one-half were heifers with first or second calves, produced in seven consecutive days, 102,162.6 lbs. milk, containing 3,598.127 lbs. of butter-fat; thus showing an average of 3.52 per cent. fat. The average production for each animal was 389.9 lbs. milk, containing 13.733 lbs. of butter-fat; equivalent to 55.7 lbs. or over 26.52 quarts of milk per day; and 16.02 lbs. of the best commercial butter per week. When it is remembered that these tests were made during the warm season, and with a herd averaging young, the averages are very high even for Holsteins. This issue of the official reports covers an interval of two months, because during the warm season comparatively few official tests are made; but with the cold season now approaching, the number of tests will rapidly increase, and the issue of the official reports become frequent.

CALDWELL'S MOLASSES MEAL

is registered as No. 124 under the Commercial Feeding Stuffs Act (1909). In other words the Canadian Government, after "Guaranteed Analysis," officially endorses our guarantee regarding the composition of Molasses Meal. More than that, users of Caldwell's Molasses Meal are invited to forward samples at any time to the Government Analyst at Ottawa for analysis.



Now—when we say that Caldwell's Molasses Meal is 84% Pure Cane Molasses—you may be absolutely certain that the statement is correct—you can feel positive that Caldwell's Molasses Meal is what it is claimed to be, viz.: "The best and quickest conditioner of stock."

Yet you can buy Molasses Meal direct from us or from your feed store for less than you would pay for the raw molasses

N.B.—Ask us to prove to your satisfaction just how Caldwell's Molasses Meal will make your stock more valuable, and at the same time lower your feeding costs. Clip out coupon, mail to us, and we will send you full particulars.

THE CALDWELL FEED CO., Limited, Dundas, Ontario

LONDON FARMER'S ADVOCATE

Please send me booklet and full particulars as to cost, etc., of Molasses Meal.

Name

Post Office

Province

Avondale Holstein Cattle AND DORSET HORNED SHEEP.

To make room for daughters of Prince Hengerveld Pietje, we are offering a few females bred to the greatest bred bulls in Canada, and at rock-bottom prices. Also a few extra good yearling rams. Address: **H. LORNE LOGAN, MANAGER. A. C. Hardy, Brockville, Ont.**

King Segis Walker

The highest pedigreed sire in Canada. Average record of dam, grandams, and g. gr. dams: Butter, 28.96 lbs.; milk, 544.42 lbs.; fat, 4.24 lbs. Fee for service, \$25. This sire's get are 80 per cent. females. For sale: A grandson of King Segis and Pontiac Pet, record 37.67 lbs. butter and the world's champion; also a bull calf whose dam is a daughter of Pontiac Korndyke, and just completed a record of 722 lbs. in seven days.

A. A. FAREWELL, OSHAWA, ONTARIO

TEN BULLS FOR SALE—PRICES LOW

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. PLATT & SON, R. R. No. 3, Hamilton, Ont.**

Silver Creek Holsteins—We are now offering a number of the low-down, richly-bred young bulls, from six to nine months old, of superior type and breeding, being officially backed on both sides. King Fayne Segis Clothild, whose seven nearest dams have seven-day records averaging 27 lbs., and Prince Abbecker Mercena, first-prize yearling at Toronto and London, stands at head of herd. **A. H. TEEPLE, Curries, Ont. Woodstock Station, G.T.R. and C.P.R.**

LAKEVIEW HOLSTEINS

To make room for the coming crop of calves, we are offering bulls of the richest breeding at farmers' prices. Grandsons of Pietertje Hengerveld Count De Kol and of Colantha Johanna Lad, all out of Record-of-Merit dams. Come now and get your choice.

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 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.**

Maple Hill Holstein-Friesians

Special offering: Bulls from one to fifteen 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. **Bel Telephone. G. W. CLEMONS, ST. GEORGE, ONTARIO**

HOLSTEINS AND YORKSHIRES

Last year our Holsteins, out of 12 entries, won 10 firsts and 2 seconds. Our stock bull, King Peter Teake, shown three times and won three firsts. We have 35 head, any of them are for sale. Some choice young cows. **A. Watson & Sons, R. R. No. 1, St. Thomas, Ont. L.-D. Phone.**