

Ottawa Winter Fair

HOWICK HALL, OTTAWA

January 16, 17, 18, 19, 1917

Single Fare Passenger Rates on All Railroads

Entries Close January 5th.

For Entry Forms and Information, Write the Secretary.

WM. SMITH, M.P. **W. D. JACKSON,**
President, Secretary
Columbus, Ont. Carp, Ont.

It kills ice on Cattle, Pigs, Sheep, Poultry.

THE GREAT OAL TAR DISINFECTANT

ZEOLDEUM

Zeoldeum is recommended by Veterinarians, Agricultural Colleges, Breeders, Stockmen and Poultrymen all over the continent. It disinfects and kills germs, and is used also for cleaning up after pigs, chickens, etc. It is a safe and effective disinfectant. It is used for cleaning up after pigs, chickens, etc. It is a safe and effective disinfectant. It is used for cleaning up after pigs, chickens, etc. It is a safe and effective disinfectant.

MADE IN CANADA

Fairmont Holsteins

Young bulls for sale, all sons of the great King Sigmund Calamity, whose ten nearest dams average over 30 lbs. butter and nearly 4.00 per cent. fat. All from good record dams; one from a 22,000-lb. granddaughter of Colonel Johanna Lady, at prices that will sell them. Also cows and heifers bred to King.

PETER B. ARBOGAST
R.R. No. 2, Mitchell, Ont.

FOR SALE

A number of pure-bred Ayrshire cattle. Apply to **H. C. ROBLIN - Ameliasburg, Ont.**

DEAL WITH

Farm & Dairy's Advertisers

RIVERSIDE AYRSHIRES

Calves male and female; bulls fit for service; by Nethersington Lochivar, Imp. 29311. Funnals all ages, from 1st Prize stock and good producers. One Standard Red Stallion 16 months, by Jia Nibs 274, "5699". Apply to Robert Sinton, Manager Riverside Farm, Monte Bello, Que. Or to Hon. W. Owens, Westmount, Que.

AYRSHIRE BULLS

Two yearling bulls, sired by a brother to the champion R. O. P. two year old heifer (record 11,131 lbs. milk and 820 lbs. fat), and dams by a son of ex-cold heifer (record 11,131 lbs. milk and 820 lbs. fat). These bulls are from dams whose milk average a high fat content.

We are also selling a choice bull and 2 heifers, with same top crosses, at Southern Counties Ayrshire Club Sale at Tillsonburg, December 29th, 1916. All are choice animals, the bull in sale being from same family as the champion R. of P. bull "Scottie", who was bred by us.

W. W. BALLANTYNE & SON,

R.R. No. 3, Stratford, Ont.

LAKESIDE AYRSHIRES

A select lot of young bulls, all ages, sired by Auchenbrain Sea Foam (Imp.) 25758 (5855). Grand Champion at both Quebec and Sherbrooke, from Record of Performance Dams. Write for catalogue.

Proprietary: **GEO. H. MONTGOMERY,** Dominion Express Bldg., Montreal.
Manager: **D. MCARTHUR,** Phillipsburg, Ont.

HOLSTEIN-FRIESIAN NEWS

Farm and Dairy is the leading exponent of dairying in Canada. The great majority of the members of the Canadian Holstein-Friesian Association are readers of the paper. Members of the Association are invited to send us their interest to Holstein breeders for publication in this column.

ANOTHER 40-LB. COW.

I AM advised through preliminary reports and by wire that the Holstein-Friesian cow, Lady Perfection Kor-dyke 14452, has produced a calf of a production of 72.1 lbs. milk, containing 22.34 lbs. fat, in seven consecutive days, the first at 10 o'clock in the morning, 7 days. Her sire is Pontiac Kingverdel De Kol 41399; her dam is Butter Boy Buttercup Lady Perfection 10186. She was bred by Mr. Ira S. Jarvis, of Hartwick Seminary, N.Y., and she is now owned by Dr. Hubert Work of Pueblo, Colo. With this production she stands as thirteenth in the list of Holstein-Friesian cows to have exceeded 22 lbs. of fat in seven days. In a one-day's verification test, conducted within the seven reported days, she produced 100.4 lbs. milk, containing 4.9 lbs. fat. If computed on the 80 per cent. basis, the equivalent butter would be credited to Lady Perfection Kor-dyke would amount to 40.45 lbs.

MALCOLM H. GARDNER,
Delaware, Wis., Nov. 25. Supt. A. R.

HOLSTEINS AT THE PROVINCIAL INSTITUTIONS.

THE records for the year compiled by S. E. Todd, Director of Farming in the Provincial Department of Agriculture, show that the milk production of the Holstein herd averaged from 2,000 to 2,500 gallons per cow per year. The average yearly production of dairy cows for whole province in 1915-16 was 2,000 pounds a cow. The first class in output has been secured by a policy of constant weeding-out by keeping only the best of the milkers. A minimum is set and the cows that do not reach it are eliminated. At the Hamilton Ayrshire for the year where in six years 226 cows have been named through to make up a herd of 75 the production of milk averages 3,225 pounds per cow. At this institution there is one Holsteiner over 100 lbs. milking a year.

The 22 cows in lactation during the year produced 3,169,267 pounds of milk, respectively 40-45 lbs. a cow, or a total of \$9,000,000 to the market in the Province. The 14th 40-LB. COW.

I am advised through preliminary reports and by wire that the Holstein-Friesian cow, Tietje Queen, No. 82771, has completed a production of 53.1 lbs. milk, containing 22.72 lbs. fat, in seven consecutive days. Her sire is Tietje Queen 676; her dam is De Kol Clothide Arta 25449; her sire is Tietje 676's Queen cow, 6193. She was bred by J. A. Nottingham & Son of Syracuse, N.Y., and she is now owned by Mr. A. C. Howe of New Hartford, N.Y. With this production she is the fourteenth cow to obtain place in the list of Holstein-Friesian cows with productions exceeding 52 lbs. fat in seven days. In a one-day's verification test she produced 79.7 lbs. milk, containing 4.9 lbs. fat. If computed on the 80 per cent. basis, the equivalent butter to be credited back to Tietje Queen De Kol would amount to 40,507 lbs.

MALCOLM H. GARDNER, R. Delaware, Wis., Dec. 8, 1916.

Ayrshire News

A SPLENDID HERD RECORD.

In the last report of the R.O.P. Inspector, there appear the names of 40 Holstein-Friesian cows. This means that exactly one-fifth of this number have been bred or used at Nethport Farms, owned by W. W. Ballantyne & Son. Of the young animals bred at this farm are named the best of the animals in the Southern Counties Ayrshire Sale, to be held Dec. 29th at Tillsonburg, a number of these are recorded as good stock. This is a rare chance to get some good stock, that means that some breeding as the famous bull "Scottie" who was bred at this farm also. Mr. Ballantyne states that the cattle that were offered in this sale are choice individuals that under ordinary circumstances would not be sold. The sale must be kept good and good individuals must be the foundation upon which to build. The offerers a rare opportunity to purchase on the open market animals of the best of breeding that have production records behind them.

U. S. AYRSHIRE BREEDERS TO MEET

THE Forty-Second Annual Meeting of the Ayrshire Breeders' Association will be held in New York January 11th, 1917, at Hotel McAlpin, Broadway at 34th St. at 1 o'clock p.m., to hear reports of breeders, of Southern Ayrshire, and to elect officers for the year ensuing. The business session of the Ayrshire cattle are cordially invited to be present at the afternoon meeting on Thursday evening at 7 o'clock, to which all members are invited. Resolutions are in- vited. C. M. Winslow, Sec'y-Treas.

Postal Card Reports

Correspondence invited.

SHERBROOKE CO., QUEBEC.

LARNNOXVILLE, Dec. 2.—Winter conditions have set in, and all stock has been housed for 3 weeks. The high price of all kinds of millfeeds is making it exceedingly hard for farmers to get a balanced ration, which they can afford to buy. Several attempts have been made to get kinds of produce are still soaring. Butter retails for 45c to 48c; eggs, 56c to 60c; turkeys, 11c; chickens, 15c; dressed chickens, 20c to 25c.—J. M.

HASTINGS CO., ONT.

TWISD, Dec. 6.—Our cheese factory has been successful in its marketing. At the annual meeting some discussion took place re the Dairy Standards Act, which it is believed will be in the best interests of the dairy farmers. Our District Representative was present at the meeting and explained the working of the act and his explanation did much to clear up the doubts of the patrons concerning it.—H. S. T.

DURHAM CO., ONT.

CAMPBELLSCROFT, Dec. 8.—November was an unusually cold month for this county. Owing to the high price of grain, large quantities of feed are being marketed. Some are being kept for winter use, but the price is so high that the demand, although low priced. Eggs, butter, apples and potatoes are scarce. Turkeys, although 20c per lb., are still a fall grain prodromus well.—J. A. S. T.

NORFOLK CO., ONT.

SIMCOE, Dec. 15.—Wheat now has fair top. The scarcity of roots and lack of good cow stables are making milk records hard to obtain this year. Cows are 15 to 20 per cent. off in production. Hay and straw are scarce. Corn is hard to obtain, also cottonseed meal. Oats are 25c. Potatoes are 15c, but much is going to city. Little recruiting is being done.—F. C. H.

OXFORD CO., ONT.

NORWICH, Nov. 26.—After a little snow in the morning, we had a little Indian summer. Frost is all out of the ground and farmers plowing again. Stock are housed for the winter with abundance of hay, but all other crops about the poorest ever known here. Was informed by a man who runs a side filling outfit that in his farm this fall only three cows had their sides full, and two of them were small farms on the edge of the town. Practically all the grain feed for our dairy cattle will have to be purchased this winter. Roots also are a failure. Hay is 25c, straw 15c, corn 35c; cottonseed meal, 42c; hay only worth 10c. Potatoes 15c, turkeys 15c, chickens 15c; butter, creamery, 50c; potatoes, 22.50 a bag.—J. McK.

WATERLOO COUNTY, ONTARIO.

WATERLOO, Dec. 12.—Quite a number were still plowing in the morning, but it was very favorable for getting it finished up. Threshing is completed, but the grain bins are not at all full. A number from this district took in the Wheat Fair on Saturday. The number on the road within three miles north of Waterloo are having Hired power and having installed sets of rubber rollers for the "juice" to be turned on. Auction sales are being held at 11 o'clock. Cows and eggs, 45c to 50c.—C. H. B.

GREY COUNTY, ONT.

THORNHURST, Dec. 2.—We are having very sloppy weather, sometimes snow and rain and at other times being in between the showers. The grain has turned out very well, although on some rather light. Potatoes are somewhat scarce, bringing around 12 to 14c. The weather made it hard for farmers to get it into the silos. The roof on the silo at this farm is not turning out well. The Women's Institute members are still knitting for the soldiers. There are 2,563 pairs of socks and 2,563 pairs of socks and are still doing all they can to help the boys in the trenches. The best of been are held every week, and sometimes as high as 60 members attend.—Mrs. G. F.