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This seed is Gov. tested and stands in every respect considerably above the highest grade demanded by the Seed Control Act. Special care has been given this variety during the past two seasons to keep it true to variety and free from all other impurities. No other cereal (small experimental plots excepted) has been grown on the farm.

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Boars and Sows, from 8 weeks to 8 months old, sows in pig. Prices reasonable. Write

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Still have 2 Bulls, 11 and 12 months, that will make excellent animals and will pay for themselves for crossing purposes alone in any neighborhood. Sire, Elmpork Ringleader 6th. Write

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Large Cows, Large Teats, Large Records, High Testers. Choice Young Bulls and Bull Calves and a few Cows for sale.

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Imported and Home-Bred, are of the choicest breeding of deep type and have been selected for production. THREE Young Bulls dropped this fall, sired by Netherhall Good Time" (Imp.), as well as a few females of various ages, for sale. Write or come and see.

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OUT OF WHITE FLOSS OF SPRINGBANK (38280), who just won 1st in 2-yr.-old class at Ottawa Dairy Show, testing over 4% and was only 2 points behind winner in aged class. We have a grand young Bull calf from this cow, sire is Willowbaugh Charm (4036), whose grand-dam is full sister to Ex-American Champion Brownie 9th. Have also one other young sire of fully equal breeding Write us about them. JOS. HUDSON & SONS, BURNBRAE FARM, R. R. 1, LYN, ONT

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A GRAND YOUNG BULL FOR SALE, born May 28th, 1914, mostly white, sired by Leila Queen's Artis who's dam Leila Queen at 9 years made 26.35 lbs. butter in 7 days. This fellow is a fine built chap, straight and square every way, with a great constitution. He is ready for service now, is a fine lot of a bull and will do even better at next freshening. Write or come and look him over. Photo and pedigree on application.

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W. W. GEORGE, MOSSLEY, R.R. 1, ONT.

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We have several choice ones, 2 to 10 months old, from the splendid sire, Count Mercedes Ormsby (sired by Paladin Ormsby). All are out of R.O.M. or R.O.P. dams, with records as 3-yr.-olds of 21.6 lbs. butter—2-yr.-old, 16.3 butter—mature cows, 14.691 lbs. milk and 661 lbs. butter. A couple of these sires are ready for service. They are nice fellows and priced reasonable. Write or come and see them.

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AYRSHIRE NEWS

Farm and Dairy is the recognized exponent of the Dairy interests of Canada. Breeders of Ayrshire Cattle are all members of the Canadian Ayrshire Breeders' Association are invited to send items of interest to the Ayrshire breeders for publication in this column.

AYRSHIRE BREEDERS MAKE MERRY

Some 70 enthusiastic Ayrshire breeders sat down last week at the annual banquet of the Canadian Ayrshire Breeders' Association, which was held in the Queen's Hotel, Montreal. It was a great success. Tickets cost $1.50 each, the menu was high-class, music was furnished by professional talent and was of a refined character throughout, and the speakers were the most distinguished that have ever attended any of the association's banquets.

Proceedings were opened by the association's new president, Mr. Trimble, of Red Deer, Alberta, who made a brief speech, after which John McKee of Norwich, acted as toastmaster.

Dr. Harrison, Principal of Macdonald College, spoke of the splendid work being carried on by the College through the county representatives. There are now seven of these in the English speaking counties of Quebec, one having been appointed within the last few days. Sir Wm. Macdonald has intimated his willingness to appoint more as fast as the demand for them develops in the English-speaking districts of Quebec.

The college is now preparing an arithmetic in which the problems will be related to rural questions rather than city in character. Mention was made of the excellent results that have followed the establishment of potato, corn and poultry clubs in the farming districts. The attendance at a recent school fair in Pontiac county was reported to have been greater than at the county fair.

Encouraging Progress

Dairy Commissioner J. A. Ruddick pointed out that the farmers of Canada have already done much to increase the production of their farms during the last one decade, while the number of cows kept increased only seven per cent the production of milk from the cows kept had increased 45 per cent. In 1901 the average production of milk per cow was something over 4,000 lbs. per cow per year. In 1911 it was 5,805 lbs., an average increase of almost 1,000 lbs. a cow. It would have required 1,564,000 more cows in 1901 to produce as much milk as was produced in 1911. This was due to the increased production per cow in 1911.

As an evidence that the production of cattle has not begun to reach its limit in Canada, Mr. Ruddick pointed out that the number of cows kept in New Zealand to each 100 of population was 197, in the United States 69, Sweden 48, Switzerland 38, Canada 36, France 36, the United Kingdom 27.

A Timely Warning

Prof. Barton of Macdonald College, said that there were two vital spots in connection with the breeding of Ayrshires as well as of other breeds. One was that some Ayrshires have established themselves as good dairy makers, and have a good future in that respect. The importance of good records can hardly be over-estimated. That, however, was not the point. "The first point I want to emphasize," he said Prof. Barton, "is the inferior purebred bull. There are far too many of these in Quebec. They are possibly a worse pitfall than even the scrub, for it would like to see every breeder resolve, for the sake of the future of the breed, not to sell an inferior pure-bred bull.

"My second point is the future of the young breeder. The future of the breed is in his hands. I do not encourage the rank and file of young farmers to set up the breeding of pure-breds. There are many young men who are not adapted to the handling of pure-bred stock. I would strive to see that bright, capable young men are induced to take up this work. The question of getting young men we can get started the better it will be for the breed. These young men must be encouraged and assisted in breeding nothing but the best. They may not be able to purchase fancy stock, but we should see that they are provided with good utility stock, and that they are guided and aided in every possible way in the handling of their stock to the best possible advantage."

Stand by Live Stock

Mr. R. M. Ballantyne, managing director of Lovell & Christmas, cheese and butter exporters, Montreal, strongly urged breeders to stand by the live stock industry. The war is likely to create a tendency among farmers to neglect the production of live stock in favor of grain production. After the war is over, the tendency will be the other way. Grain prices are sure to fall off greatly in value, while live stock will be in keen demand. Breeders, therefore, who prepare for these conditions will reap the rewards that will follow.

"Our exports of cheese and butter of late years have been falling off rapidly," said Mr. Ballantyne, "and prices have been advancing. In 1903 we exported over 3,000,000 boxes of cheese and 500,000 boxes of butter. Last year we exported only 1,540,000 packages of cheese and 10,000 packages of butter. This represents a decline in 10 years of about 60 per cent. To-day we have very little of the 1914 make of cheese left in this side of the water, and prices are ruling higher than ever before. What Canadian cheese we have on hand has been selling recently at 17 to 17½ cts. a lb., which constitutes a record. Within the past week or so we have bought cheese in Chicago, inferior in quality to our Canadian make, for which we have paid 16 and 16½ cts. a lb. In Chicago alone 50,000 boxes of cheese have been bought in the States within the past few weeks. This cheese has been purchased for export.

"In England some cheese is being used by the army and the rest through the ordinary channels of trade. In all about the usual quantity of cheese is being used, which shows that prices would have ruled high even had there been no war.

"The falling off that has taken place in our exports of cheese cannot easily be made good. New Zealand has increased her exports by about 1,000,000 packages a year since 1902 and with 10 years ago, but has about reached the limits of her possible production. No other country is making a serious effort to increase its production. The manufacture of cheese is an art not easily acquired. Thus prices of cheese are sure to rule high for years to come. Farmers would do well to increase the production of milk will do well, therefore, to bear this in mind."

Other speakers were Dr. Couture, secretary, Quebec Live Stock Associations; Messrs. A. L. McCredie, of The Canadian Countryman; H. B. Cowan, of Farm and Dairy; Swift, of the Ottawa Valley Journal; and J. A. Tarte, who responded to the toast to the press, and Mr. Gilbert McMillan, who replied to the toast to the ladies. It was thus the most successful banquet the Association has held.

THE McARTHUR SALE

The auction sale of P. D. McArthur, of North Georgetown, Que., held on Feb. 12th, may be termed a grand success, considering the time and season. Twenty-eight Ayrshires, ranging in ages from two months up brought $5,535, an average of nearly $200 each. The 21 cows and heifers realized $4,610, an average of $220. That a man had the courage to put stock under the hammer at such a time of financial depression as indicates that he has considerable confidence in the Ayrshire breed in his herd and in his fellow breeders to buy. In this Mr. McArthur was not disappointed for his stock realized good prices for war time.

Secretary Stephen opened the sale with a few optimistic and encouraging remarks, and advised breeders to get busy and meet the demand for Ayrshires that was sure to come when the financial depression was over.

Auctioneer Philips conducted the sale in his expeditious manner, and sold the 28 head in a little over an hour. Considerable interest was shown in the bidding for the noted cow, Buttercup, 20487. Mr. J. A. Tarte finally becoming the owner of this grand cow. It might be said here that Mr. Tarte who is a son of Le Patriote, of Montreal, is a new man in the Ayrshire world, having lately placed a herd of superior Ayrshires on his farm at Boucherville, Que. When Craigiel Jessie (Imp.), 33815 (a half-sister to Auchenbrain Ideal, 30,000 lb. cow), with a milk record of 23,002 lbs. milk and 1,000 lbs. fat, came into the ring it was expected there would be some keen bidding. Several breeders were present, as this fine cow, but when she reached $650 the bidding fell into two hands, Mr. Tarte and James Benning, of Williamstown, Ont., the latter finally became the proud owner at $700.

Mr. McArthur kept his calves and yearlings and will build up a new herd, as he has some of the best Ayrshire families. Every animal knocked down was sold, and but one remains in the province of Quebec. The following are the animals sold together, with purchasers names and prices:

Bulls, 2 years old and over: Barcheskie Lily Ilith, G. H. Montgomery, Philipsburg, Que., $125; Pet of Hickory Hill, T. A. Reavers, Ormstown, $135; Lona of Cherry Bank, J. L. Tully, Athelstan, $210; Piossie of Balsam Lodge, J. P. Cherrier, $65; Cherry Bank Milkmaid, J. P. Cherrier, $270; Buttercup, L. J. Tarte, Montreal $450; Rena, S. A. Cleland, Hemmingford, $300; Cherry Bank Gem, R. R. Ness, Howick, $210; Craigiel Pansy 2nd, James Benning, $700; Cherry Bank Lassie, Geo. H. Montgomery, $275; Cherry Bank Lassie 2nd, Wm. Wylie, Howick, $225; Forget-me-not 3rd, James Robertson, Georgetown, $465; Cherry Bank Queen, Jas. T. Elder, Glenelm, $195; Cherry Bank Queen, Jas. T. Elder, $200; Minnie 1st of Balsam Lodge, Wm. Wylie, $130; Clara, R. T. Brownlee, Hemmingford, $165; Sylvia, Joseph Lefebvre, Howick, $160; Cherry Bank Eva, R. R. Ness, $75; Cherry Bank Milkmaid 3rd, L. J. Tarte, $150; Dora, of Hickory Hill, Geo. H. Montgomery, $100; Cherry Bank Rose Ohio, F. Hyde, Huntingdon, $180.

Bulls—Jupiter of Hickory Hill (five-year old), L. J. Tarte, $250; White Chieftain of Cottage Hill (two-year-old), R. R. Ness, $175; Cherry Bank Fair Trade (one-year-old), W. F. Kay, Philipsburg, $325; heifer calf (six weeks old), Cherry Bank Forget-me-not 3rd, James Robertson, North Georgetown, $47.50.

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Herd headed by a $2,
Pontiac Alcarina, D
young bull's 7 nearest
lbs. butter, 501.71 mi
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two years. We have
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whose dam has 4
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heifers coming 2
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