

### Eighty-one Holsteins Average \$221 at Belleville.

The ninth annual Belleville District Holstein Breeders' sale held in the city of Belleville, on Wednesday, April 2, proved once more a complete success. Of the ninety-four lots catalogued there were upwards of twenty head that should never have been accepted by the Club, but the remaining numbers were all good material, well bred and well brought out. The proceeds of the day totalled \$19,035. Thirteen calves sold below the \$100 mark, and the remaining eighty-one animals made the splendid average of \$221. The sixty-one females averaged \$228.50, and the twenty young males made a general average of \$197.75. The consignment of E. B. Purtele, of Bloomfield, made the highest average of the day. The five head averaged \$618.90. An eleven-months-old son of Champion Echo Sylvia Pontiac, from a non-tested daughter of King Segis Alcartra Spofford, brought Mr. Purtele \$1,060, the top price for the day. Sylvia Alcartra Posch, a three-year-old heifer from the same herd, made the top for females at \$925. This heifer was also a non-tested daughter of King Segis Alcartra Spofford. Among the consignors were F. Hillman, C. Baker, L. Parr, E. C. Chapman, J. A. Caskey, J. E. Huff & Son, B. Mallory, A. E. Phillips, G. D. Wright, E. T. Fritz, S. F. Parks, A. Parks, E. E. Redner, F. Denyes, E. B. Purtele, P. Cave, Nelson Bros., B. E. Hagerman, W. A. Hubbs, C. Mallory, B. Hoskin, and W. F. Fallis. The sale was managed by J. A. Caskey, with N. Montgomery as auctioneer. Following is a list of the animals selling for \$100 and over, together with the names and addresses of their purchasers:

Females.	
* Clara Pontiac Keyes, Herman Pyne, Elgin.....	\$ 150
Regina De Kol Victoria, Percy Mott, Belleville.....	155
Lady Hermes Eclipse, W. J. Hubbs, Rednersville.....	170
Miss Laura De Kol, Jas. W. Campbell, Holloway.....	165
Princess Trimonia Belle, M. Shea, Stirling.....	105
Patti Bell De Kol, R. M. Holtby, Port Perry.....	530
Isabell May Burke, Jas. Harry, Trenton.....	150
Queen Isabelle De Kol, J. T. O'Connell, Peterboro.....	260
May Darkness Echo, S. Elliott, Kingston.....	315
Keyes Segis Walker Pietertje 3rd, A. W. Churchill, Gananoque.....	250
Flora Bell De Kol Daisy, S. N. Fluke, Foxboro.....	180
Floral Hill Jennie Keyes, Peter Van Allen, Foxboro.....	250
Dolly Hengerveld De Kol, S. Elliott.....	180
Flossie Korndyke Hengerveld, J. T. O'Connell.....	210
Triumph Mercena Hengerveld, Peter Van Allen.....	235
Lady May Pontiac, Geo. Johnston, Napanee.....	135
Pontiac Lady Sylvia, S. J. Martin, Picton.....	110
Una Pietertje Hermes, S. J. Martin.....	150
Gooda Plus Wayne, H. B. Pyne.....	130
Echo De Kol's Twin, J. T. O'Connell.....	225
Laura Echo Keyes, J. Harry.....	125
Nellie Posch Pietertje, B. L. Redner, Rednerville.....	130
De Kol Houwtje Ormsby, Geo. W. Kingsley.....	255
March Ormsby De Kol, W. E. McKillican, Maxville.....	270
Pontiac Ormsby Maid, B. Perry, Wooler.....	200
Katie Segis Houwtje, C. Hall, Latta.....	150
Francy Spofford Ormsby, W. E. Wood, Bloomfield.....	220
O. U. Johanna Pietertje, J. T. O'Connell.....	210
Burke Bos De Kol, E. Purtele, Bloomfield.....	380
Geraldine Buster, H. Fitzgerald, Belleville.....	160
Katie Ormsby, C. R. W. Proctor, Brighton.....	115
Flossie Burke De Kol, E. Miller, Picton.....	140
May Segis Korndyke, J. W. Harrington, Brighton.....	160
Echo Pauline Sylvia 2nd, J. L. Hennessy, Codrington.....	500
Hengerveld Flake De Kol, W. E. McKillican.....	155
Lucy De Kol Faforit, J. N. Currison, Brantford.....	100
Rose Echo Segis, S. Ross, Brighton.....	500
Daisy Segis Alcartra, W. F. Osborne, Rossmore.....	410
Sylvia Alcartra Posch, G. H. Wilmont, Kingston.....	925
Countess Inka Walker, P. S. Van Vlack, Napanee.....	200
De Kol Girl Pietertje, M. R. Anderson, Belleville.....	200
Countess Lena De Kol, J. T. O'Connell.....	300
Ada Walker Pietertje, Ed. Miller.....	240
Korndyke Lazy Girl, H. Smith, Frankford.....	225
Pontiac Beauty Segis, J. Vipond, Cumming's Bridge.....	250
Daisy Pietertje Korndyke 2nd, Geo. Kingston, Stirling.....	275
Bessie Pietertje Korndyke, Geo. Kingston.....	205
Beauty De Kol Pietertje, Geo. Burnside, Madoc.....	205
Ivy De Kol Hengerveld, Geo. Kingston.....	205
Mollie Pietertje Hengerveld, D. B. Tracey, Cobourg.....	425
Rose Beets, H. Thompson, Napanee.....	205
Nellie Beets Posch, Peter Van Allen.....	175
Helena Butter Girl Keyes, A. W. Kingston, Stirling.....	275
Helena May Butter Girl, J. Vipond & Son.....	325
Fremona 2nd, A. W. Churchill.....	250
Flora De Kol Iscoe, S. N. Fluke.....	230
Gypsy De Kol Queen, E. Osborne.....	130
Pontiac Echo Queen, F. R. Mallory, Frankford.....	100
Pontiac Mol Echo, F. R. Mallory.....	100
Lulu Posch Calamity, Clarence Vermilyea, Belleville.....	170

### Males.

Brighton King Alcartra, R. M. Holtby.....	225
Admiral Beets Posch, A. Moor, Plainfield.....	125
Glenhurst King Keyes, H. Pyne.....	120
Glenhurst Walker Keyes, M. Shea.....	140
Count Aaggie of Floral, G. H. Wilmont, Kingston.....	285
Bull, E. J. Phillips, Belleville.....	170
Bull, Peter Goldsmith, Belleville.....	110
Lee De Kol Alcartra, C. Tucker, Harold.....	140
Bull, H. B. Pyne.....	120
Count Johanna Paul, J. Rainie, Harold.....	150
Baron Segis Korndyke, F. S. Parrott, Belleville.....	225
Peter De Kol Korndyke, A. W. Anderson, Belleville.....	110
Sir Echo Alcartra, W. W. Dracup, Harold.....	1,060
Segis Alcartra Pietertje, H. Chambers, Napanee.....	145
King Korndyke Pontiac, W. A. Hubbs, Bloomfield.....	165
Count Hengerveld Pontiac, H. Garrison, Holloway.....	130
Sir Keyes Clyde, W. E. Hartlett, Foxboro.....	115
Pontiac Echo Lad, D. Scott, Belleville.....	155
Content Paul Calamity, Wm. Clark, Belleville.....	110
Nigger Vale, W. H. Hodgen, Latta.....	120
Paul Vale, D. Anderson, Frankford.....	130

### The Menie District Ayrshire Sale.

On Thursday, April 3, the Menie District Ayrshire Breeders' Club held a sale of Ayrshire cattle of different ages at Campbellford, when twenty-five head went under the hammer. The class of stock consigned to the sale was by no means a credit to the breed. The animals were very poorly fitted and consequently did not bring very high prices. Had the breeders been more liberal with the feed and put their cattle in condition, the average price at which the animals sold would have been greatly increased. As it was, some two- and three-year-old cows went considerably under the \$100 mark. In fact, from \$60 to \$90 was the ruling price for the young stuff. A glance through the catalogue showed that the animals were well bred, such breeding as Hillside, Peter Pan, Springbank Monarch, Springhill Cashier, etc., being represented. Hunter Bros., of Grimsby, purchased many of the good milking cows. The sale totalled \$4,335. The top-priced animal was Oakland Belleflower, an eight-year-old cow, which went to the \$315 bid of Hunter Bros. This cow is about due to freshen to Springbank Monarch. As a junior two-year-old she qualified in the R.O.P. with 9,000 lbs. milk. Following is a list of the animals selling for \$100 and over, together with the names and addresses of their purchasers:

Hover-a-Blink, W. L. Tummon, Crookston.....	\$150
Woodland Queen, J. B. Ferris, Campbellford.....	155
Oakland Juno Wm. Paul, Peterboro.....	200
Peter, Louis Locke, Campbellford.....	120
Oakland Kirsty, Hunter Bros., Grimsby.....	155
Lena 2nd, W. E. Mason, Port Hope.....	155
Daisy 3rd, Hunter Bros.....	200
Oakland Kate, Hunter Bros.....	135
Potter's White Rose 2nd, A. L. Riendeau, Campbellford.....	100
Sarah 2nd, Geo. McComb, Campbellford.....	135
Highland Belle, Hunter Bros.....	200
Oakland Belleflower, Hunter Bros.....	315
Humeshaugh Snowdrop 2nd, A. E. McCook, Campbellford.....	115
Humeshaugh Snowball 3rd, Dr. A. J. Fyle, Ameliasburg.....	115
Woodland Ruby, W. Stewart, Campbellford.....	160
Potter's White Mary, A. L. Riendeau.....	210

### The City Milk Supply.

Dairymen supplying the cities with milk are often times unjustly criticized by their customers who do not understand the problems which have to be contended with in producing and delivering to the city man's door a quart of milk. It is easy to find fault if the milk looks a little blue, or is somewhat thinner than the consumer would like. Delivering tainted milk, or milk with a little sediment in the bottom of the bottle, are unpardonable sins of omission. No dairyman will intentionally sell tainted or dirty milk. Accidents will happen in the best regulated dairies, and it is not an unknown occurrence for contamination to take place after the milk has been left on the doorstep. Before undue criticism is made, the facts and circumstances should be investigated. Provincial and city authorities have enacted laws governing the quality of the dairy products offered to the public. However, in passing judgment on individual offenders of the law justice has not always been tempered with mercy, especially in cases of a dairyman's first offence with milk not quite up to the standard.

In some cities it is customary to convict a dairyman on the result of testing one sample of milk. There is a possibility of error with the most careful testing; consequently, in justice to the milk producer three samples should be taken and one tested by the city, the other by the owner, and the third by a disinterested party. Then, too, sampling one milking is not altogether fair, as circumstances over which the producer has no control may arise to lower the test of a certain milking. A composite sample would give a much fairer idea of the quality of milk being delivered. Milker producers' associations might advisedly take this matter up in order that justice be done to their members. Possibly the greatest complaint is of milk being low in fat. The quality is usually judged by the depth of cream on the top of the bottle. However, the visible cream is not a true indication of quality, as there will be less on a bottle of new milk than on milk twelve hours old. The Babcock test and a lactometer reading are reliable means of ascertaining the quality of milk and cream and of finding out whether or not the milk has been watered. The two should be used together. Because the milk tests low is no indication that water has been added to the lactic fluid. Consumers should disabuse their minds of the idea that blue-looking milk is the result of the pump being handy to the milk can. The individuality and breed of the herd influences the test. A cow giving a large flow of milk is not as likely to test as high as one giving a more moderate flow. However, there are very few herds to-day that test below the standard set by the cities. It is quite possible for the test to vary according to the number of fresh cows in the herd, and also there might be a slight variation occasionally due to cows being frightened or to physiological conditions. On this account it would be much fairer, and more accurate information regarding the quality of milk which dairymen are delivering would be ascertained, if a number of samples were tested rather than convicting on the results of a single sample.

It is important from a health standpoint that the milk be clean and pure. Disease epidemics have in times past resulted from contaminated milk. The present rules governing the milk supply of the city are fairly strict and are adhered to by the dairymen. Every precaution is taken to supply the customers with milk of good quality, both from the standpoint of cleanliness and of butter-fat content. It is more difficult to keep the milk sweet during the summer than in the winter and this difficulty may be accentuated this year owing to lack of ice. Such things as wiping the flank and udder with a damp cloth, straining the milk through several thicknesses of cheesecloth, then removing the lactic fluid from the stable as soon as drawn and cooling it in a non-contaminated atmosphere are practices which should be followed on every dairy. If these things are done a sediment test would show the milk to be almost if not quite free from dirt, and there would be an absence of any taint.

There is a good deal of work entailed in producing clean milk, of which the average city person knows little about. The same is true in the production of butter and cheese, and the price of the same, while high, is not out of proportion to the price of feed, labor and dairy equipment. Back of the quart of milk, or the pound of butter and cheese, is the cow which, even though she be a grade, commands a high price on the market to-day. The raw material in the form of feed which the cow uses in the manufacture of milk comes high, and must also be reckoned with. The farmer who must in most cases fill the threefold task of being proprietor, manager and laborer, is entitled to as much remuneration as the man who runs a business in town which in many cases does not represent the outlay in capital which the farmer has invested in his farm stock and implements. It is unfortunate that even with the present prices of dairy produce, the man behind the cow does not realize the salary or the dividend which comes to the man in commercial business. Even at sixty-five cents a pound for butter, thirty cents a pound for cheese, and fifteen cents a quart for milk, these products are the cheapest foods which find their way to the city man's table.

### The Willowbanks Sale of Holsteins.

Although the country surrounding the town of Dunnville is not particularly noted as a dairy district, indications point to the fact that the Black and Whites are gaining in favor with farmers of that vicinity. On April 5, C. V. Robbins disposed of his registered herd of Holsteins, in the town of Dunnville, at very remunerative prices. Bidding was brisk throughout the entire sale, and the animals were in excellent condition. The twenty-six animals sold, including a number of young calves and aged cows, realized \$4,750.50. The highest price was \$490, paid by Logan Bros., of Dunnville, for the young cow, Pet Lady of Willowbanks, a cow of outstanding quality and with a good record. She was closely followed by Lakeview Almeda Segis, an extremely typey junior four-year-old. She went to the bid of \$450 from John Moote, of Canboro. Dorothy Butter Girl, another young cow, brought \$400. The following is a list of the animals selling for \$100 and over, together with the names and addresses of their purchasers:

Elmdale Bess Princess, Lakeview Farm, Bronte.....	\$195
Lyndenwood Faforit Belle, John Moote, Canboro.....	250
Dora Butter Girl, Haist & Ecker, Jordan Sta.....	400
Pet Lady of Willowbanks, Logan Bros., Dunnville.....	490
Lakeview Almeda Segis, John Moote.....	450
Canary Pauline Queen, Logan Bros.....	230
Josie Bewunde Posch, P. S. Moote, Attercliffe.....	130
Lyndenwood Countess, J. Root, Humberstone.....	380
Jewel Mechthilde of Willowbanks, J. Moore, Burnaby.....	205
Lakeview Belle, Lakeview Farm.....	225
Queen Anne Teake Lady, G. Nichols, Dunnville.....	300
Spinks August Daisy, O. Durham, Smithville.....	280
Willowbanks Cassie Korndyke, R. Davis, Burnaby.....	225
Willowbanks Hengerveld Lady, J. Root.....	205
Spinks Butter Boy Walker, Haist & Ecker.....	110

### EDITOR "THE FARMER'S ADVOCATE"

A recent quibbled poultry his inability to think that perhaps trouble in quest readers.

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Incubation sh parations well in incubators at w as possible and t to lay in the co cubation is cont Department of A Prof. W. R. Gra quote in the follo

It is general good hatch, the are not likely to get good hatches