

beating Messrs. Rice's Filigree's Clothilde Lincoln. He also secured the sweepstakes bulls. In 2-year-olds James Rettie, Norwich, a new exhibitor, had the honor of beating G. W. Clemons' Colanthus Abbekirk 2nd and that bull's half-brother, Abbekirk Prince 2nd, a bull with good veins and escutcheon, and very smooth. Yearling bulls were seven in number. The winners of the 1st and 2nd prizes were two bulls nearly white in color, the first owned by Messrs. Rice and the second by Messrs. Ellis. A. C. Hallman's two entries were 3rd and 4th. Messrs. Gilroy had a neat, smooth calf of good length, Maple Glen Sylvia's Prince, which earned premier honors in his class, while James Rettie again scored, winning 2nd with Worthemall 3rd's Sir Pieterje. A daughter of Calamity Jane, shown by Messrs. Rice, was 3rd, and the same exhibitors also won 4th.

A round dozen of good cows, many of them well known in the show and prize rings, came forward. The prizes were sent to Gilroy's Iona J. 2nd and Carmen Sylvia, to Clemons' Cornelia Artis, and to Rice's Calamity Jane. The decisions somewhat surprised the on-lookers, who had looked for either Calamity Jane or Carmen Sylvia (the latter of whom was dry) to take 1st place. Calamity Jane's udder was in very good shape, considering the time she had been in milk. James Rettie's 3-year-old cow, Artis Peer's Poem, who carried a nice udder, was selected for 1st place, Messrs. Gilroy, Rice and Clemons following in the order named. Empress Josephine de Kol, a cow with a good reputation as a milker, won 1st for G. W. Clemons in the two-year-old class. Messrs. Gilroy's Witzde Sjurs (Queen captured the blue ribbon, while Daisy Texal 2nd, who won 1st as a yearling last year, got no higher than 3rd place, Wm. James' Queenie Rookie's Mina coming in 4th. C. J. Gilroy & Son had a very promising yearling in Gillyflower 2nd, which won 2nd last year, and now stood 1st. Messrs. Rice came in 2nd and 3rd with Pauline Mercedes' Jewel and Marie, while G. W. Clemons' Lena Josephine de Kol occupied the same place as she did last year as a calf. Heifer calves under one year were a very promising lot, and gave the judges considerable trouble before they placed the winners. This section was the best one in the female sections, except the aged cow one. A daughter of Messrs. Gilroy's 1st prize aged cow, Iona J. 2nd, came in 1st, with two of Mr. Clemons' 2nd and 3rd, and an entry of James Rettie's 4th. G. W. Clemons was successful in the young calf class, winning 1st and 3rd, Messrs. Rice and Rettie being 2nd and 4th respectively. Messrs. Gilroy won 1st for four animals the progeny of one bull, and G. W. Clemons secured 1st for herds. The sweepstakes for females went to James Rettie's three-year old, Artis Peer's Poem.

Heifers.

Bull, 3 years old and upwards—1, G. W. Clemons, St. George; 2, A. & G. Rice, Currie's Crossing.

Bull, 2 years old—1, James Rettie, Norwich; 2, G. W. Clemons.

Bull, 1 year old—1, A. & G. Rice; 2, Ellis Bros., Bedford Park; 3 and 4, A. C. Hallman, New Dundee.

Bull calf, under 1 year—1, C. J. Gilroy & Son, Glen Buell; 2, Jas. Rettie; 3 and 4, A. & G. Rice.

Bull, of any age—G. W. Clemons (Count Mink Mercedes).

Cow, 4 years old and upwards—1 and 2, C. J. Gilroy & Son, Glen Buell; 3, G. W. Clemons; 4, A. & G. Rice.

Cow, 3 years old—1, J. Rettie; 2, C. J. Gilroy & Son; 3, A. & G. Rice; 4, G. W. Clemons.

Heifer, 2 years old—1, G. W. Clemons; 2, C. J. Gilroy & Son; 3, A. & G. Rice; 4, Wm. James, Oakwood.

Heifer, 1 year old—1, C. J. Gilroy & Son; 2 and 3, A. & G. Rice; 4, G. W. Clemons.

Heifer calf, under 1 year—1, C. J. Gilroy & Son; 2 and 3, G. W. Clemons; 4, J. Rettie.

Heifer calf, calved after February 1st, 1898

—1 and 3, G. W. Clemons; 2, A. & G. Rice; 4, J. Rettie.

Four animals, the progeny of one bull, all bred and owned by exhibitor—1, C. J. Gilroy & Son; 2, G. W. Clemons; 3, A. & G. Rice; 4, Ellis Bros.

Herd of one bull and four females, over 1 year old, owned by exhibitor—1, G. W. Clemons; 2, A. & G. Rice; 3, C. J. Gilroy & Son; 4, Ellis Bros.

Female of any age 1, J. Rettie (Artis Peer's Poem).

Judges: Edgar Huidekoper, Meadville, Pa.; Wm. Suhring, Sebringville.

RESULTS OF THE MILK TEST.

This test was open to all purebred cows and extended over two days or forty-eight hours. No ration, fed to the cows were con-

Ord. of mil.	Name of cow	Breed.	Owner.	Address.	Milk.		Fat		Solids not fat		Total solids.	Awards.
					lb.	lb.	lb.	lb.	lb.	lb.		
1	Daisy Banks	Holstein	J. Rettie	Norwich	125.75	3.5677	11.137	14.7017	First.			
2	Princess Lada	Holstein	Ellis Bros.	Bedford Park	117.	3.3627	9.803	13.232	Second.			
3	Inka Sylvia	Holstein	C. J. Gilroy & Son	Glen Buell	111.	3.6317	9.3222	12.9579	Third.			
4	Winnie Win	Holstein	A. & G. Rice	Currie's	99.	3.1877	9.1222	12.5699				
5	Inka Rosa	3 yrs. old	G. W. Clemons	St. George	107.	3.0722	9.1402	12.2121				
6	Nellie Grey	Ayrshire	N. Diment	Clappison's Corners	80.75	3.071	7.5622	10.7812				

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THE DAIRY BUILDING.

In some respects the exhibits in the dairy building excelled those of other years. There was a fine display of dairy apparatus and machinery of all kinds, the best that has ever been seen at the Industrial Fair. But there was not as much cheese and butter on exhibition as last year. There were upwards of 100 cheeses less than last year, and the quantity of dairy farmers' butter was smaller. The exhibit of creamery butter was about the same as last year.

CHEESE.

Not only was the quantity of cheese exhibited smaller than last year, but the quality was inferior as well. In fact, the judge, who is an exporter, in making his report stated that he believed, on the whole, the quality of the cheese made in factories during the present season was not equal to what it was three or four years ago, or, in other words, the cheesemakers instead of improving had been receding. Of course, there are sections and individual factories where great advancement has been made, but, taking the factories as a whole, they have not made the advancement they should have done along the line of improvement in the quality of the product. This is to be regretted, and we trust that everyone connected with the industry from the patron to the maker will take warning and not rest till the very highest point of excellence is reached. The trouble seems to be that our dairymen are too confident and are relying too much upon their reputation. Then, again, we do not believe that one-quarter of the patrons take the care of the milk they should. They expect a maker to make a first-class article out of an inferior quality of milk.

The chief fault with the cheese shown this year was in the flavor. In the whole exhibit of 300 cheeses it was the exception to find a cheese with anything near a perfect flavor. This may be due to the makers receiving poor milk on account of the hot weather prevalent when the exhibition cheese was made. The quality and texture were better than the flavor, but even these in many instances were very poor. The point in which the exhibit excelled was in finish. There has been a gradual improvement in this respect during recent years, and the cheeses on exhibition this year were the best we have ever seen. The following is a list of the awards:

Sec. 1, June and July colored—1, J. S. Isard, Williscroft, Ont.; 2, W. A. McLaren, Avening; 3, W. A. Smith, Dorchester; 4, J. S. Isard, Paisley; 5, Frank Boyes, Niles-town; 6, Geo. A. Boyes, Mapleton.

Sec. 2, June and July white—1, M. Morrison, Harrison; 2, Mary Morrison, Newry; 3, J. S. Isard, Williscroft; 4, W. A. Mc-

considered, and all animals competing stood in the open stalls in full view of the public. The test was conducted by Professor Day, of the Ontario College. The prizes consisted of \$100, donated by the Canadian Holstein-Friesian Association, and \$50 given by the Industrial Fair. The American Holstein-Friesian Association also donated \$40 to be given to the two best cows in the test, provided such prize-winners are registered in the American H. F. Herd Book.

The competition was not so keen as last year, and one or two cows that were at the top last year were down in the scale this year. On the whole the records made were about the same as last year. Only six cows stayed in the test to the last and these were all Holsteins but one, an Ayrshire. Similar to last year the Holsteins carried off all the prizes. The following is a tabulated statement of the results:

Ord. of mil.	Name of cow	Breed.	Owner.	Address.	Milk.		Fat		Solids not fat		Total solids.	Awards.
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Laren, Avening; 5, J. S. Isard, Williscroft; 6, W. D. Angus, Attwood.

Sec. 3, August colored—1, J. S. Isard, Williscroft; 2, J. S. Isard, Paisley; 3, W. P. Stacey, Tecumseh; 4, Thos. Stevens, Proton Station; 5, W. A. McLaren, Avening; 6, James McKellar, Tiverton.

Sec. 4, August white—1, W. B. Thompson, Nile; 2, Thomas Stacey, Fullarton; 3, J. S. Isard, Paisley; 4, R. H. Green, Walton; 5, G. J. Immel, Underwood; 6, J. S. Isard, Williscroft.

Sec. 5, Stilton—1, R. Curzon, Guelph.

Sec. 6, Frankie—1, Mary Morrison, Newry; 2, F. E. Kline, Lakesfield; 3, W. F. Gerrow, Napanee.

Colman's Salt, special prize—1, L. Thompson, Hawkesville; 2, W. T. Atkinson, Kintore; 3, A. Chalmers, Monkton; 4, R. W. Thompson, Springbank.

Gold Medal given by the Windsor Salt Works—Awarded to A. T. Clark, Poole, Ont.

BUTTER.

The quality of the creamery butter was good, though there is room for a much larger exhibit in this line. The exhibits are not as wide-spread as they might be. Of the 100 or so creameries in the province only comparatively few make an exhibit, and these, as a rule, are confined to the same ones every year. The exhibit of farmers' dairy was about one-half what it was a year ago. There was, however, a more uniform and better quality of product this year, which is gratifying, as it shows that the dairy schools, farmers' institutes, dairy associations, etc., are doing effective work. The awards in the butter classes are as follows:

Sec. 7, Creamery tubs or boxes—1, Isaac Wenger, Ayton; 2, Aaron Wenger, Ayton; 3, Fred Smith, Gore Bay; 4, E. Kingsbury, Whittington; 5, John McQuaker, Owen Sound; 6, James Ireland, Beachville.

Sec. 8, Creamery rolls or prauis—1, L. Wenger, Ayton; 2, Geo. Baskerville, Lafontaine; 3, Aaron Wenger; 4, Chesley Creamery Co., Chesley; 5, — Ballantyne; 6, J. Stonehouse, St. Mary's.

Section 9, Creamery packages containing not more than 10 lbs. each—1, L. Wenger; 2, Chesley Creamery Co.; 3, A. Wenger; 4, John McQuaker; 5, F. W. Crealy, Van-neck.

Section 10, Farm dairy tubs—1, J. A. Watson, Eden Mills; 2, A. Hutton, Brampton; 3, A. Elliott & Son, Galt; 4, Henry Berry, Elmwood; 5, I. D. Malcolm, Sheffield; 6, Carl Holm, Molika.

Section 11, Farm dairy firkins, casks or tubs—1, J. D. Malcolm; 2, Mrs. W. D. Dolson, Alva; 3, J. A. Watson; 4, Duncan