

THE DAIRY.

The Great Dairy Test at Guelph.

The dairy branch of the Guelph Fair attracts many visitors, and none are disappointed after a close inspection of the wonder-

ful producers on exhibition. The exhibitors of dairy cattle have long complained of the lack of accommodation and suitable quarters for their animals, but other departments are likewise congested and will likewise tend to impress upon the authorities and any institution from whence help might be forthcoming the absolute necessity of a scheme for expansion.

Notwithstanding conditions the dairy entries showed an increase this year, and although individual tests have been higher, in rare instances in the past, the general average this year is higher than has ever been known at the Winter Fair.

The crusade in favor of the milking Short-horns has brought that type of animal to the front, and their performance this year was creditable indeed. In most years cow after cow would not qualify for any prize as a producer of milk and butter-fat, but in only one case, this year, did they fail to come up to the requirements of the milk-test standard.

Jerseys also came forward in greater numbers and increased their records to a marked degree, while Ayrshires still maintained their standing as a productive breed. In all there were ten more entries than in the previous year.

Other breeds gave way this year to Calamity Posch Wayne 3rd, a Holstein, as the name indicates, as champion producer of the entire exhibit. Her score of points was 288.10, showing an increase of 35.61 points over last year's champion "Cherry", a grade cow. In 1911 the record was 272.78, and in the year previous 291.42. The test is completed in three days, and the scale of points adhered to when making the awards is 25 points for each pound of butter-fat, three points for each pound of solids not fat (S. N. F.), and one point for each ten days in milk after the first thirty, with a limit of ten points.

Butter and Cheese Makers Have a Lively Meeting.

The annual meeting of the Butter and Cheese Makers of Western Ontario, held at the Dairy Building of the O. A. College, on December 10th, during Winter Fair week, was one of the largest, liveliest, most enthusiastic meetings which has been held for some time by the men who preside over the manufacture of butter and cheese in the western part of the Province. There was also a sprinkling of men from eastern Ontario.

S. E. Facey, President of the Western Dairy-mens' Association presided with good grace and good sense, qualities not always found in a chairman. Frank Hens, Sec'y. W. D. A., had prepared a list of interesting topics to be discussed, with "live wire" men to lead in each case. There was scarcely a dull moment during the whole afternoon, and the discussion from "the floor of the house" showed that the men who wield the ladle in the creamery and the bandager in the creamery know how to express themselves at a public meeting if given a chance to do so.

The discussions of greatest interest centered around the creamery, the cheesemen being not so well represented as the buttermen. As a number of makers have orders for saltless butter, the question has arisen, should a creameryman receive more money for such butter as compared with salt butter, and if so, how much more in order to come out even?

Experiments made at the O. A. C. showed an increase of about four per cent in the "overrun", making salt butter as compared with saltless. The practical men said they figured that the price should be from one and one-half to two cents extra for saltless butter, owing to the fact that closer inspection of butter for moisture content will be the rule in future, owing to the appointment of J. F. Singleton, as chief inspector, it was agreed that buttermakers should provide a moisture test and use it, in order to avoid prosecutions. G. H. Barr, Chief of the Dairy Division, Ottawa, said he did not wish to have the painful duty of prosecuting any Western Ontario makers.

The storing of ice, cream grading, and testing of cream were fully discussed. The chief conclusions reached were:

1. Each and every patron of a creamery ought to provide not less than one ton (two or three tons better) of ice, per cow, for the coming season. Some creamerymen are assisting patrons to get a supply of ice. On many farms a pond can be made at small cost to provide all the ice needed for several farms. This should be operated on the co-operative plan, and thus ice can be got at small cost.

2. Mr. Barr said the Province of Ontario is behind the Western Provinces in the matter of cream and butter quality, and gave figures showing how the quality of butter had improved very much in Alberta creameries after adopting the grading system, and paying from two to four cents a pound fat more for first-grade cream. A prominent buyer present said that he was unable to understand what became of some of the butter made in Western Ontario creameries. "We would not touch it with a ten-foot pole," was his expression in reference to this butter. All the evidence points very strongly to the fact that something must be done in order to improve the quality of butter in some creameries. Lack of cooling cream on the farm, and delivery of cream but once or twice a week, were blamed as the chief cause of poor butter.

3. That a standard cream test bottle, and standard methods of making cream tests, together with penalties for over-reading or under-

RESUME OF THE DAIRY TEST.

SHORTHORNS.		Lbs. milk	Lbs. fat	Lbs. s.n.f.	Days	Total points
Aged cow—1,	Bessie of Lowbanks, F. Martindale & Son, York...	153.6	5.37	14.4	35	178.10
Aged cow—2,	Gipsy Lady 2nd, Estate of A. W. Smith, Maple Lodge...	122.2	5.01	11.79	63	163.93
Three-year-old cow—1,	Kentucky Rose 40th, James Brown, Norval...	113.8	5.00	11.35	47	160.93
Under-three-years, cow—1,	Lady Braemar, James Brown, Norval...	83.2	3.36	8.01	53	110.59
AYRSHIRES.		Lbs. milk	Lbs. fat	Lbs. s.n.f.	Days	Total points
Aged cow—1,	White Floss, A. S. Turner & Sons, Ryckman's Corners...	168.2	7.23	15.43	32	227.30
Aged cow—2,	Annie Hume, H. C. Hamill, Box Grove...	154.7	6.80	14.77	15	214.49
Aged cow—3,	Briery 2nd of Springbank, A. S. Turner & Sons...	178.4	6.33	16.43	90	213.60
Aged cow—4,	Lena of Fairfield, Reginald J. A. Smith, Hatchley Station...	151.3	6.12	14.77	24	197.50
Aged cow—5,	Jessie, A. S. Turner & Sons...	140.3	5.05	12.80	42	165.87
Three-year-old cow—1,	White Lass, J. L. Stansell, Straffordville...	154.2	6.39	14.39	45	204.67
Three-year-old cow—2,	Craigielea, H. C. Hamill...	146.5	6.44	14.05	17	203.31
Three-year-old cow—3,	Pansy of Springbank, A. S. Turner & Sons...	151.7	6.21	14.71	20	199.63
Three-year-old cow—4,	Starlight of Fairfield, Reg. J. A. Smith...	144.9	5.86	14.14	18	189.14
Three-year-old cow—5,	Betsy Brown, A. S. Turner & Sons...	135.8	5.6	13.02	108	187.75
Three-year-old cow—6,	Dairy Maid of Hickory Hill, N. Dymont, Dundas...	121.6	5.10	11.36	232	171.79
Three-year-old cow—7,	Duchess of Hickory Hill, N. Dymont...	123.4	5.45	10.99	24	169.27
Heifer, under three years—1,	Craigielea Peach, H. C. Hamill...	143.9	5.89	13.70	23	188.60
Heifer, under three years—2,	Whitehill White Rose 3rd, A. S. Turner & Sons...	91.0	3.54	8.62	107	122.28
Heifer, under three years—3,	Jean Armour of Fairfield, Reginald A. J. Smith...	92.3	3.60	8.99	23	119.29
Heifer, under three years—4,	Fairy of Hickory Hill, N. Dymont...	103.9	3.42	9.55	31	116.49
HOLSTEINS.		Lbs. milk	Lbs. fat	Lbs. s.n.f.	Days	Total points
Aged cow—1,	Calamity Posch Wayne 3rd, Tig Wood, Mitchell...	255.9	9.14	19.79	12	288.10
Aged cow—2,	Snowflake, H. F. Patterson, Paris...	229.4	8.02	21.27	27	264.5
Aged cow—3,	Ladoga Idaline Verman, A. E. Hulet, Norwich...	208.7	8.03	19.33	37	259.56
Aged cow—4,	Netherland Beauty Posch, W. H. Cherry, Garnet...	224.8	7.64	20.51	17	252.62
Aged cow—5,	Calamity Houwtje, Martin McDougall, Woodstock...	211.8	7.30	19.08	33	240.24
Aged cow—6,	Breta, H. F. Patterson, Paris...	249.7	6.86	22.00	12	237.66
Aged cow—7,	Lady Calanthus De Kol, Martin McDougall...	200.3	6.71	18.75	13	224.00
Aged cow—8,	Candlemas Queen, Martin McDougall...	184.5	6.82	17.43	17	222.96
Aged cow—9,	May Schuiling Pietertje, Clarence C. Kettle, Wilsonville...	191.8	6.52	17.54	12	215.68
Aged cow—10,	Netherland Aggie Belle, Wilbert C. Prouse, Tillsonburg...	203.2	5.99	17.24	41	202.69
Aged cow—11,	Aaltje Canary Posch, L. H. Lipsit, Staffordville...	180.0	6.03	15.90	52	200.67
Aged cow—12,	Pietertje Hengerveld Belle, L. H. Lipsit...	168.1	5.04	14.16	20	168.55
Three-year-old cow—1,	Pontiac Jessie, Martin McDougall...	185.7	7.05	17.13	26	227.80
Three-year-old cow—2,	Elmdale Maid, W. Lemon, Lynden...	184.7	6.74	16.69	26	218.01
Three-year-old cow—3,	Queen Segis, Ormsby, A. C. Hallman, Breslau...	188.1	6.30	17.54	13	210.18
Three-year-old cow—4,	Pontiac Atlas Pauline, Martin McDougall...	181.3	6.16	17.22	15	205.77
Three-year-old cow—5,	Della Schuiling De Kol, T. H. Dent, Woodstock...	166.2	6.31	15.29	17	203.76
Three-year-old cow—6,	Countess Maud Posch, Clarence C. Kettle, Wilsonville...	177.2	5.38	16.45	14	183.90
Three-year-old cow—7,	Inez Rosie Verman De Kol, L. H. Lipsit...	163.8	5.33	14.06	52	177.48
Three-year-old cow—8,	Maple Grove Sadie Vale, W. O. Palmer, St. Sebastian, Quebec...	141.1	4.79	12.66	7	158.62
Heifer, under three years—1,	Netherland Beauty Posch's Fafont, W. H. Cherry...	181.4	7.16	17.66	13	232.12
Heifer, under three years—2,	Madam Pauline Canary, A. E. Hulet...	164.5	6.64	15.29	18	214.50
Heifer, under three years—3,	Schuiling Maid Girl, Tig Wood...	184.6	6.36	17.74	11	212.45
Heifer, under three years—4,	Bessie Spink Mercena, T. W. McQueen, Tillsonburg...	144.3	5.91	13.74	16	189.14
Heifer, under three years—5,	Countess Mercena Wayne, T. W. McQueen, Tillsonburg...	160.8	5.62	14.62	30	184.56
Heifer, under three years—6,	Inka Mercedes, O. & W. O. Palmer, St. Sebastian, Quebec...	142.0	4.75	12.57	61	159.14
JERSEYS.		Lbs. milk	Lbs. fat	Lbs. s.n.f.	Days	Total points
Aged cow—1,	Maid of Dentonia, D. A. Boyle, Woodstock, Ont...	116.9	5.26	11.55	85	171.63
Three-year-old cow—1,	Brampton Wonder Beauty, B. H. Bull & Son, Brampton, Ont...	109.3	4.44	10.31	138	151.96
Three-year-old cow—2,	Brampton Czarina, B. H. Bull & Son...	96.8	4.77	9.42	40	149.06
Three-year-old cow—3,	Rena's Cobalt, Wm. James Beatty, Guelph, Ont...	84.1	4.45	8.36	141	146.53
Under-three-years, cow—1,	Springbank Buttergirl, T. H. Dent...	125.9	5.35	12.35	32	171.02
Under-three-years, cow—2,	Brampton You'll Do Queen, B. H. Bull & Son...	107.2	5.52	10.51	21	169.57
Under-three-years, cow—3,	Beauty Maid, D. A. Boyle, Woodstock...	97.5	4.97	10.01	41	155.46
Under-three-years, cow—4,	Brampton Bright Lass, B. H. Bull & Son...	88.4	5.03	8.55	55	154.12
Under-three-years, cow—5,	Brampton Bright Betty, B. H. Bull & Son...	80.6	4.55	7.78	99	144.11
Under-three-years, cow—6,	Brampton Bright Kathleen, B. H. Bull & Son...	104.6	4.39	9.98	63	143.09
Under-three-years, cow—7,	Mokena's Best, Wm. James Beatty...	78.2	4.06	8.05	130	135.82
GRADES.		Lbs. milk	Lbs. fat	Lbs. s.n.f.	Days	Total points
Aged cow—1,	Pine Grove Bell, Willis Bros., Pine Grove...	247.2	6.55	21.26	51	229.66
Aged cow—2,	Sadie, Geo. B. Ryan, Courtland...	201.5	6.85	18.38	40	227.43
Three-year-old cow—1,	Beauty, Geo. B. Ryan...	216.9	7.80	19.9	41	256.01
Under-three-years, cow—1,	Daisy, Geo. B. Ryan...	170.9	6.75	15.18	36	214.92
Under-three-years, cow—2,	Madge, Wm. James Beatty...	86.4	3.75	8.49	146	129.46