

Warwick Model in the Stallion class and Dunhill Wild Rose in the mare section, while the Canadian Medals went to Indian Princess for best mare 14 hands, one inch and under; Model Queen, best mare over 14 hands one inch; and Whitegate Pimple, best stallion over 14 hands, one inch.

Standard-Breds.

The Standard-bred classes were easily the better filled of all the light horse section. In several of the classes the entries ran as high as six and seven with a number of good horses forward which were a credit to the breed and the show. The majority of the winners were among last year's entries and in not a few instances last year's decisions were reversed. J. B. Sheppard, Toronto made the awards.

EXHIBITORS.—Thos. Maddford, Toronto; Cruickston Stock Farms, Galt; Thos. Cowan, Orono; C. A. Burns, Toronto, Crow & Murray, Toronto; W. T. Baker, Hampton; D. Douglas & Son, Mitchell, Machael Kreh, New Hamburg; Peter Wideman, Stouffville; Geo. A. Cameron, Alton; Robert Wallace, Acton; Ira A. Mabee, Aylmer; W. H. Rutledge, Port Credit; R. T. Luker, & Son, Exeter; Chas. J. Shore, Glanworth; Fred Wrigglesworth, Georgetown; Patterson Bros., Agincourt; Sidney Macklin, Weston.

AWARDS.—Aged stallion, (7) Trotters: 1, Burns on Chilcott; 2 and 3, Crowe & Murray, on Bert Axworthy and Ike Medium; 4, Cruickston, on Jim Todd. Aged stallions, (Pacers) (3): 1, Widman, on MacBrino; 2, Douglas & Son, on Flashlight; 3, Kreh on Pilot Nell. Stallion, 3 years (1): 1, Cameron, on Spier Peter. Stallion, 2 years (2): 1, Cruickston, on Moko Battle; 2, Wallace, on Ganot. Champion stallion, Burns, on Chilcott. Reserve champion: Cameron, on Spier Peter. Yeld mare (7): 1, Luker, on Surefast; 2, Cruickston, on Vanity O'Todd; 3, Luker, on Topsy Todd; 4, Rutledge, on Nancy McKay. Filly, 3 years (6): 1, Wrigglesworth, on Evangeline; 2, Mabee, on Princess Sable; 3, Cruickston, on Helena Battle; 4, Patterson Bros., on Betty Axworthy. Filly, 2 years (3): 1, Macklin, on M. H. Todd; 2, Douglas & Son, on Dora Chimes. Filly, 1 year (2): 1 and 2, Cruickston on Victoria K. T. and Princess Oro W. Champion mare: Wrigglesworth, on Evangeline. Reserve champion: Cruickston Stock Farms, on Victoria K. T. Best string of 5 horses: 1, Cruickston Stock Farms.

Field Crop Competition.

As usual, the products assembled through the Field-Crop Competition were arranged into very attractive exhibits in the Agricultural Wing of the Ontario Government building. The awards follow.

Grain and Sheaves.

OATS.—Division 1: 1, H. L. Goltz, Bardville; 2, Sherman Polmateer, Gravenhurst; 3, A. R. Ascoug, Kenora. Division 2: 1, Robt. H. Smith, Galetta; 2, C. A. Kincaid, Kingston; 3, W. T. Arkinstall, Dunvegan; 4, Geo. F. Griffin, Stirling. Division 3: 1, McCowan Bros., Scarboro; 2, John G. Spier, Brussels; 3, John D. Frazer, Stratford; 4, John S. Baird, Scarboro Jct. **SHEAVES.**—Division 1: 1, Wm. Naismith, Falkenburg; 2, H. L. Goltz; 3, Thos. Aikens, Port Carling; 4, Sherman Polmateer. Division 2: 1, Thos. Gesh, Bobcaygeon; 2, John McLean, Cameron; 3, M. M. Boyd, Bobcaygeon; 4, Arch. Greer, Mansfield. Division 3: 1, McCowan Bros; 2, Jas. D. Little, Teeswater; 3, R. E. Mortimer, Honeywood; 4, Russell See, Bolton.

BARLEY.—Division 3: 1, A. W. Van Sickle, Onondaga; 2, R. J. Robertson, Cainsville; 3, Jas. E. Walker, Caledonia. **SHEAVES.**—Division 3: 1, R. J. Robertson; 2, A. W. Van Sickle; 3, Russell See; 4, Jas. E. Walker.

FALL WHEAT.—Division 2: 1, D. O. Henry, Millbrook; 2, Garfield Kennedy, Bobcaygeon. Division 3: 1, Geo. R. Barrie & Son, Galt; 2, Geo. A. Poole, Harley. **SHEAVES.**—Division 2: 1, Geo. Kimble, Bobcaygeon; 2, H. R. Seymour, Bobcaygeon; 3, Garfield Kennedy; 4, Thos. H. Martin, Bobcaygeon.

SPRING WHEAT.—SHEAVES, Division 2: 1, W. P. Johnston, Stouffville. Division 3: 1, W. H. Wellman, Gormley.

Vegetable Field Crop Awards.

CABBAGE: 1, Brown Bros., Humber Bay; 2, Chas. Aymer, Humber Bay; 3, T. K. Aymer, Humber Bay; 4, C. W. Dempsey, Stratford; 5, F. F. Reeves, Humber Bay; 6, O. Parisien, Cyrville; 7, Wm. Trick, Ottawa. **CELERY:** 1, G. W. Bycroft, London; 2, Geo. Harris, Belleville; 3, P. A. Bell, Humber Bay; 4, Art Carlton, Lambton Mills; 5, C. E. Post, Brighton; 6, Chas. Aymer; 7, Cooke Bros., Cataraqui. **MELONS:** 1, O. Parisien; 2, Jas. Cox, Ottawa; 3, Jno. McMullen, Cummings' Bridge; 4, P. T. Jean, London; 5, E. T. Sanderson, London; 6, V. Robinet, Tecumseh; 7, Wm. Trick. **ONIONS:** 1, Brown Bros; 2, E. Crandall, Ingersoll; 3, Chas. Aymer; 4, Wm. Trick; 5, T. K. Aymer; 6, Cook Bros.; 7, W. Geo. Riley, Aylmer. **TOMATOES:** 1, Edgar Worgan, Weston; 2, T. K. Aymer; 3, F. F. Reeves; 4, J. R. Wilson, Clarkson; 5, Wm. Trick; 6, Jno. McMullen; 7, Geo. Harris, Belleville. **POTATOES:** 1, Chas. Aymer; 2, T. K. Aymer; 3, Dunlop Bros., St. Catharines; 4, N. T. Sanderson; 5, Cooke Bros.; 6, Wm. Betler, Beamsville; 7, Jno. McMullen.

Report of Milk Commission Bears Out Producers' Demand For an Increased Price.

Dairymen have, no doubt, been interested during the last year in the report of increases in the price of milk which were arranged by the Toronto Milk and Cream Producers' Association for the winter period, beginning September 1. It will be remembered that when the summer price of milk was arranged in April, the dis-

tributors offered an average of \$2.60 per can for the four months of May, June, July and August, with the understanding that instead of seven winter months, as in the past, they were to grant eight winter months, beginning the first of September. The producers carried on during the four summer months at this price, and when the winter price was announced in the daily press of Wednesday, September 1, to be \$3.25 per can, delivered at the dairy, it created quite a considerable amount of comment. The next day the Board of Commerce made public an order declaring that the practices of the Toronto Milk and Cream Producers' Association were likely to operate to the detriment of the public and constitute a combine. The order also demanded the appearance of the officers of this organization at a sitting to be held on Thursday, September 9, in the Toronto City Hall. In addition, the order restrained the Association for a period of not more than forty days from demanding a higher price than that which prevailed in August, namely, \$2.75 per 8-gallon can, delivered. The order of the Board said in part as follows: "You are further required to show cause at the same time and place why this board should not declare (a) that the practice of charging a winter price for the month of September is designed or calculated unfairly to enhance the cost or price of milk, and should, therefore, be prohibited; (b) that the practice of offering milk for sale at a price of \$3.25 per eight-gallon can delivered is a breach of section 17 (2) of the Combines and Fair Prices Act, and should, therefore, be prohibited. This board is of the opinion, on the information to hand, that a sale by the dairies of milk for which they pay \$3.25 per eight-gallon can delivered at a retail price of twelve pint tickets for the dollar enables the said dairies to take an unfair profit upon the disposition of the said milk."

No sooner had this order been made, however, than it was strongly protested by the producers, on the ground that all shippers had been notified by the distributors and that new tickets to consumers in the City of Toronto had already been issued at the rate of twelve pint tickets for one dollar. A telegram was also sent by Hon. Manning Doherty, Minister of Agriculture, to Premier Meighen, at Ottawa, pointing out that the putting into effect of the forty-day clause would be a very serious inconvenience, and in all probability investigation would show the price of \$3.25 per 8-gallon can to be a fair one. In fact, the Minister stated that the Milk Commission of the Ontario Government has been carefully investigating the cost of producing milk, and would be prepared before the inquiry, on September 9, to make a report. As a result of these representations the price was allowed to go into effect, pending an investigation on Thursday of this week, at which, according to the terms in the order of the Board of Commerce, milk producers belonging to the Toronto Milk and Cream Producers' Association must justify not only the price which they have secured for the winter season, but also the addition of the month of September as a winter month. This hearing will be of vital interest to every dairyman in Ontario supplying milk to the city trade, largely because Toronto, being the biggest city in the Province, always takes the lead in the matter of milk prices, and once the Toronto price is set other localities and markets follow suit with variations to suit local conditions.

In the meantime, the Milk Commission already referred to has presented an interim report as to the cost of producing milk in York County and adjoining districts contiguous to the City of Toronto and the Counties of Oxford and Dundas. The Commission, the personnel of which was announced in our issue of June 3, is composed of E. S. Archibald, Director Dominion Experimental Farms, Ottawa; A. Leitch, Director of Farm Surveys, O. A. C., Guelph; R. L. Hicks, Newtonbrook, representing the producers; Thos. Bradshaw, formerly Finance Commissioner for the City of Toronto, representing the consumers, and Charles McNaught, City Dairy, Toronto, representing the distributors. Since the date of its formation this Commission has been busy gathering data in the districts named above, and the interim report which they have handed to the Minister of Agriculture is herewith given as fully as space will permit:

"This report is based on the annual costs of producing milk, but the prices paid in the various seasons would naturally have to be averaged. It is also pointed out that the net costs of milk production are at the farm or at the nearest station for shipping, and are not on the basis of delivery to the city."

"Table 1 gives a brief analysis of the cost of milk produced per 100 lbs. in these three counties, and shows considerable variation due to size of farm, size of herds, efficiency of farmers both in producing feeds and feeding economically, and finally also varies with the excellence of the cows. The source of these figures, as you know, is a very careful survey made by the staff of Prof. A. Leitch. He has used farmers' books, inventories and balance sheets where available, and by careful checking has corrected all figures, using the mass of information as a basis for correcting individual errors. This table should be an incentive to many farmers producing milk at higher costs than the average although there will always be a large number producing at a higher cost than the average, because of the relatively small turnover in their annual operation."

"Table 2 shows a fair cost of milk production in York County based on a survey recently made with the purpose of finding costs for districts contributing almost wholly to the city milk trade. We beg to draw your attention to the following facts. The amounts of feed consumed per cow or per cwt. of milk are the actual figures acquired from this extensive survey. In like manner the hours of labor per cow or per cwt. of

milk and miscellaneous cash expenses are actual. The figures as to depreciation per cow and investment per cow were carefully compiled after a thorough study of the farmers' inventories and checked by a revaluation by the trained staff under Prof. Leitch."

Table 1.

PROPORTION OF MILK PRODUCTION AT VARIOUS PRICES.		
OXFORD COUNTY.		
Cost Per Cwt.	Lbs. of Milk	% of Milk
\$2.56 to \$2.85	1,421,844	21
2.85 to 3.15	1,751,302	26.5
3.15 to 3.26	1,567,961	24
3.26 to 3.50	1,594,927	24.5
3.51 to 4.54	267,763	4
Totals	6,603,797	100
YORK COUNTY.		
Cost Per Cwt.	Lbs. of Milk	% of Milk
\$2.66 to \$3.15	699,606	19
3.16 to 3.40	567,195	15
3.41 to 3.54	912,575	24
3.55 to 3.80	775,737	21
3.81 to 4.95	776,203	21
Totals	3,731,364	100
DUNDAS COUNTY.		
Cost Per Cwt.	Lbs. of Milk	% of Milk
\$2.60 to \$2.95	382,489	8
2.96 to 3.20	148,464	3
3.21 to 3.34	1,817,926	38
3.35 to 3.65	1,865,928	39
3.66 to 4.85	584,283	12
Totals	4,799,090	100

From the fact that the producers in the County of York and adjoining districts specialize largely in the production of milk for city consumption, the cost of production in these areas is taken as the standard net cost of production by the Committee. This seems fair, especially when it is considered that although the cost of producing milk in Oxford and other dairy counties is lower than in districts adjoining large cities, the cost of transportation is much greater, and for all practical purposes the two will almost balance. Eighty-eight farms were taken in York County, and the figures referred to are for the year ending June 1, 1920. The number of cows on these farms is 1,155, and the average value per cow is \$145.38. Each cow gave an average production of 6,500 pounds of milk during the year, and required an investment in buildings of \$150, and an investment in equipment of \$21.40. In other words, to secure 6,500 pounds of milk on these eighty-eight farms in York County it is necessary for the dairymen to invest \$171.40 per cow in buildings and equipment, and \$145.38 in the animal herself. The detailed costs of producing 100 pounds of milk at the farm or at the nearest station for shipment, in York County, are given as follows:

Item	Value or Rate	Value Per 100 lbs. Milk
FEED:		
Silage	\$6.00 ton	\$0.241
Corn stalks	5.00 ton	.019
Hay	22.00 ton	.477
Roots	40 cwt.	.099
Oats	70 bushel	.286
Bran	52.00 ton	.083
Mixed grain	90 bushel	.173
Barley	1.10 bushel	.122
Salt	1.00 cwt.	.007
Gluten	68.00 ton	.211
Oil Cake and other dairy feeds	80.00 ton	.112
Pasture	1.00 cwt.	.226
Total Feed		\$2.056
STRAW:	5.00 ton	\$0.068
LABOR:		
Operator	50 hour	.650
Family	25 hour	.143
Hired and older sons	30 hour	.192
Milk hauling to point of shipment	25 hour	.035
Miscellaneous	25 hour	.070
Horse	15 hour	.069
MISCELLANEOUS CASH EXPENSES:		
Veterinary		
Disinfectant		.025
Ice and sawdust		.072
Bull service		.097
DEPRECIATION:		
Cows		.113
Buildings		.070
Equipment		.034
INVESTMENT:		
Cattle	5%	.112
Equipment	5%	.016
Buildings	5%	.115
Total gross costs		\$3.840
CREDITS:		
Manure	\$0.164	
Call	.092	.256
Net cost per 100 lbs. per annum		\$3.58
Net cost per 8-gal. can per annum		2.96