

York County, a distance of eighty miles from the factory. Some of these farmers have a considerable distance to haul their beets to the station, and the freight they have to pay is eighty cents per ton. The following figures, based upon the actual results of the growers in Scarborough, assuming an average of fifteen tons per acre, show something of the profit there is in the business. Excepting freight and seed, they are chiefly items for work, etc., really earned by the grower and are based upon an allowance of \$3.00 per day for team and \$1.50 per day for help:

Rent of land per acre	.....	\$ 4.00
Manure	.....	7.00
Fall plowing (twice)	.....	3.00
Spring cultivation for seeding	.....	1.25
Sowing	.....	1.40
Thinning and hoeing (first and second times)	.....	7.50
Scuffling four or five times	.....	2.00
Pulling	.....	1.50
Topping	.....	1.00
Teaming a distance of three miles to station	.....	7.50
Freight on 15 tons at 80c. per ton	.....	12.00
Additional freight on 6% tare	.....	.90
18 pounds seed at 10c. per pound	.....	1.80

Total cost per acre of 15 tons ..... \$66.85  
Taking the average per cent. of sugar for 1904, 15.5, these 15 tons would realize at the factory \$5.10 per ton, or a total of \$76.50, leaving a profit of \$19.65. The commercial value of the pulp, \$3.75, which should be justly added to the above, would increase this profit to \$23.40 per acre.

Mr. Rennie compared this with the profits to be derived from growing oats, barley, turnips, etc., and showed that growing beets was much more profitable.

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#### DAIRY TEST, PROVINCIAL WINTER FAIR, GUELPH, 1904

	Lbs. Milk	Per cent. Fat	Lbs. Solid not Fat	Points for Days in Milk	Total Points
<b>Shorthorn Cows, 36 months and over—</b>					
Kentucky Queen—James Brown, Norval	100.0	4.05	4.03	9.98	120.92
Canadian Queen—J. W. Armstrong, Speedside	89.13	4.7	4.22	8.37	119.78
Bonnie Doon—L. D. Currie, Hillsburg	93.3	3.7	3.8	9.65	115.49
Beauty of Woodside—H. J. Davis, Woodstock	99.4	3.25	3.22	8.91	4 100.04
<b>Shorthorn Heifers, under 36 months—</b>					
Miss Canada—Jas. Brown, Norval	65.7	3.6	2.35	5.72	8 70.68
<b>Holstein Cows, 36 months and over—</b>					
Ianthe, Jewel of Mechlidge—Jas. Rettie, Norwich	118.15	3.95	4.69	11.60	140.2
Queen de Kol 3rd—Jas. Rettie, Norwich	105.8	4.65	4.99	9.87	137.48
Queen Victoria Mercedes—G. W. Rice, Tilsonburg	149.2	3.35	3.4	12.01	143.55
Adelaide Brooks, de Kol—G. W. Rice, Tilsonburg	122.1	3.45	3.4	11.60	132.20
Clarice—W. S. Schell, Woodstock	114.12	3.4	3.90	11.10	122.40
Maud of Kent—P. D. Ede, Oxford Centre	120.12	3.15	3.80	11.24	120.96
Abbe Mercena—O. A. C., Guelph	89.9	3.95	3.53	8.33	103.92
<b>Holstein Heifers, under 36 months</b>					
Marcena Schung—Jas. Rettie, Norwich	101.5	3.45	3.49	9.17	7 106.58
Belle Dewdrop—G. W. Rice, Tilsonburg	100.6	3.4	3.21	9.03	1 106.80
Buffalo Girl Posh—P. E. Ede, Oxford Centre	98.9	2.9	2.59	8.14	84.36
<b>Jersey Cows, 36 months and over—</b>					
Florence of Norval—S. J. Lyons, Norval	58.4	4.35	3.53	5.69	5 79.06
Bashful Daisy—S. J. Lyons, Norval	45.0	5.2	3.28	4.63	8 74.92
<b>Jersey Heifers, under 36 months</b>					
Anna Dobbins—O. A. C., Guelph	32.10	4.8	7.56	3.20	8 4 52.40
Kalopathakes—O. A. C., Guelph	24.1	4.7	3.03	2.31	8 3 36.14
<b>Grade Cows, 36 months and over—</b>					
Pearl—P. D. Ede, Oxford Centre	127.14	3.65	4.66	11.86	140.64
Violet—H. McDougall, Guelph	107.2	3.9	4.47	10.37	124.88
Molly—O. A. C., Guelph	71.6	3.9	2.78	6.63	9 3 91.45
<b>Grade Heifers, under 36 months—</b>					
Rena—O. A. C., Guelph	26.6	5.6	1.47	2.74	10. 50.36
Lucy 2nd—O. A. C., Guelph	43.9	2.85	1.24	3.75	10. 49.80

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A MODEL FARM.—Reprint from year book, Department of Agriculture, Washington, D.C.

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