About 3,200 bags were sold to 2,600 purchasers. Of these, 1,052 have sent in reports of the crop produced and samples of the grain as follows:—

Table showing results of tests of Two-rowed Barley (Prize Prolific), imported by the Government of Canada for Seed.

——	Number of Reports with Samples.	Yield per Acre.	Total Yield from 112 Pounds.	Weight per Bushel as Received.	Weight per Bushel after Cleaning.
		Bushels.	Bushels.	Lbs.	Lbs.
Ontario	872	25½	28¼	50¼	51½
Quebec	48	20⅞	22⅞	48⅓	50⅚
Nova Scotia	13	26½	26½	47⅙	48
New Brunswick	23	22⅓	24⅓	47⅓	49¾
Prince Edward Island	11	26½	27½	48	49
Manitoba	62	39	43¾	48	50⅞
North-West Territories	22	27½	32⅒	46½	50⅝
British Columbia	1	45¾	45¾	50½	53

Since the greater part of the barley exported to the United States is sent from the Province of Ontario, some of the information gained from farmers in that Province will be given prominence in this Bulletin. Out of the 872 reports received from Ontario, 337 report a yield of the crop after roots, and the average of these is 27¾ bushels per acre and the samples sent weighed as they were received 50⅓ lbs. per bushel. Many of the farmers who sent samples stated in their letters that they were sent just as they came from the thresher, and since such grain is not in a marketable condition it was thought only fair to the barley to make the samples merchantable by further cleaning. This was done by passing them all through a small fanning mill, which separated from 12 to 18 per cent. of the lighter grain and left the samples weighing on an average 51½ lbs. per bushel.

The results of those grown after other crops, given in 535 reports are as follows: Yield, 24½ bushels per acre; weight as received, 50⅕ lbs.; after cleaning, 51½ lbs. The average of the barley crop of Ontario for 1890, as given by the Bureau of Statistics, is 22·2 bushels per acre and this is based on the returns from 1,015 correspondents. On comparing the yield of two-rowed barley with this estimate, the barley grown after roots shows an average gain of 5½ bushels per acre and that grown after other crops of over 2 bushels; or, taking the average of the whole, the yield is 25½ bushels, or a gain of 3·3 bushels. Such a gain per acre on the barley acreage of