

Experimental Farms for the purpose of ascertaining whether two-rowed barley could be successfully grown in Canada, and what varieties would be most suitable, and what districts most likely to produce the best results, and in order to cover as large an area as possible, sample bags of seed were distributed among farmers throughout the Dominion for experiment. Space will not permit any detailed account of the results of the various experiments,* but they were sufficient to show that, even in an unfavourable season for barley growing, there is a wide area over which two-rowed barley can be grown with advantage, and as, in order to command a ready sale, it is absolutely necessary that this kind of barley should be entirely free from mixture with any other kinds, the Government early in 1890 purchased 10,000 bushels of "Carter's Prize Prolific" barley, for distribution among farmers in two-bushel bags at cost price.† This system was adopted in Denmark in 1883, and as a consequence that country now exports between two and three million bushels annually to Great Britain. Experiments were also made in Nova Scotia in 1889, under the auspices of the Provincial Secretary for Agriculture, and certain quantities of "Sharpe's Imperial Chevalier" barley (two-rowed), and of six-rowed barley from Ontario, were distributed among the farmers, the result being rather in favour of the Ontario barley, the season having been unfavourable in some places for the English barley, which takes longer to ripen. These experiments will doubtless be repeated this year.

Barley
crop of
Canada

365. The quantity of barley produced annually in Canada is probably about 28,000,000 bushels, almost the whole of which is of the kind known as six-rowed, and the principal market for this barley has, up to the present time, been the

* See Central Experimental Farm Bulletin No. 6.

† As evidence of the interest taken in the question by farmers, it may be noted that within twelve days of the receipt of the circular announcing the fact, upwards of \$6,000 worth of applications were in the hands of the Director of the Farms.