

OATS.

Victory (a Swedish oat) led this season with an average yield of over 110 bushels per acre. The next four sorts in order were O.A.C. No. 72, Lincoln, Gold Rain, and Ligowo. The average yield of these five sorts was 116 bushels and 29 pounds per acre. Owing to unfavourable conditions previously mentioned the other ten sorts have a much lower average. The average of the 15 sorts grown at this station in duplicate during the season was 79 bushels and 19 pounds.

BARLEY.

The plots of barley were on much more uniform land than the other cereals and the test is relatively of more value. The Old Island two-row (English Chevalier) that was favourably mentioned last year again led the list of all sorts with an average yield of over 83 bushels per acre. The next five varieties of two-row barley in order were Gold, Hannechen, Swedish Chevalier, Canadian Thorpe and Invincible, being the same list as last year with a few changes in relative positions. The average yield of these six varieties was 75 bushels and 29½ pounds per acre. The first six sorts of six-row barley in order of yield were Trooper, Stella, Albert, O.A. C. No. 21, Nugent and Manchurian. The average yield of these was 73 bushels and 36 pounds.

PEAS.

Solo, the variety that led last year, was again in the lead. The next in order were Arthur and Golden Vine. The average yield of the three sorts was 25 bushels and 27½ pounds per acre.

FIELD PLOTS OF CEREALS.

Multiplying plots of the best sorts of cereals were grown on the Farm locations. The demand for registered seed of the best quality is increasing and provisions has been made so that there is a limited supply of a few of the best sorts available to purchasers who wish to grow pure seed and who will agree to keep it pure and report to this Station the results at the close of the season.

CO-OPERATIVE TEST PLOTS OF THREE VARIETIES OF OATS.

The co-operative test of oats begun in duplicate in 1912 was continued. The varieties used were Banner, Old Island Black and Ligowo. The seed was supplied by the station and the grain was threshed, graded and weighed here. The results given are average of 26 plots of each variety. Plots have been grown in eight localities.

AVERAGE YIELD PER ACRE FOR THREE YEARS.

Banner.		Old Island Black.		Ligowo.	
Bus.	Lbs.	Bus.	Lbs.	Bus.	Lbs.
62	21	55		52	24

From the above data it will be seen that Banner has been more productive in Kings and Queens counties than the other two sorts, which represent other types. It has produced 7 bushels and 10 pounds more grain per acre than Old Island Black and 9 bushels and 31 pounds more grain per acre than Ligowo during the three years' test.

Banner has gradually won out in popularity over the Old Island Black oats in this province, even though the Old Island Black has still the advantage of 2 cents per bushel in most "Maritime" markets over any white oats.