

types of oats were best suited to certain localities. Banner, Ligowo, Old Island Black were the varieties chosen. Each variety was sown in duplicate each year on a number of different farms. Equal portions of the best seed obtainable of the different varieties were sent out by the Charlottetown Experimental Station each Spring. With one exception, the product was returned in the Autumn when it was threshed and weighed by the Station staff at Charlottetown. On one occasion the Superintendent was present at the threshing and weighing of the plots on one farm.

The results of three years observations are here given:

	Banner		Old Island Black		Ligowo	
	Bus.	Lbs.	Bus.	Lbs.	Bus.	Lbs.
Average yield per acre from 12 plots of each variety in 1912	55	24	49	6½	46	27½
Average yield per acre from 8 plots of each variety in 1913.	66	31	62	12	58	22
Average yield per acre from 6 plots of each variety in 1914.	70	28	58	11	56	20
Grand average yield per acre from 26 plots of each variety 1912-1914.	62	21⅔	55	12	52	24½



Multiplying Plot of Ligowo Oats, Charlottetown Experimental Station, 1914