barley showed a slight yellowing evidently due to low temperature but it recovered toward the latter part of June. Precipitation was ample, 4.2 inches of rain having fallen during the month. July was also cool being about 1 degree lower than the average mean. The month was exceedingly dry at this station only 1.15 inches of rain having fallen. There was much more rain in other parts of the province however during this period. The sunshine was not as great as usual, and this with the relatively cool weather offset the shortage in rain somewhat so that cereal crops made good growth. August was a favourable month with well distributed showers making a total rainfall of 2·58 inches. The mean temperature was about 1 degree below the average. During the first week of September we had frequent heavy showers which made it difficult to properly dry the grain which was cut at this time. After this, however, the harvest weather for late grain was fine.

The season throughout favoured cereal crops. The growth of straw was good and generally was secured in good condition.

LAND FOR GRAIN PLOTS.

The land for cereal work was in forest growth in 1910, the wood being cut in 1911. The ground was cleared of stumps in the fall of 1912 and early spring of 1913. This land could not be got ready early in 1913, and it was thought desirable to seed to oats with the intention of cutting green for feed. The fall of 1913 however was favourable and the growth good, with the result that the grain ripened fairly well.. No fertilizer was put on this land in 1913 but this season a fertilizer composed of nitrate of soda, acid phosphate and muriate of potash containing 4 per cent nitrogen, 8 per cent phosphorus and 5 per cent potash was sown broadcast at the rate of 400 pounds per acre before seeding the plots.

GRAIN PLOTS.

A small start was made in 1913 with selected seed supplied by the Cereal Division, Ottawa. This grain was saved and half an acre each of Red Fife and Marquis wheat, Manchurian and Canadian Thorpe barley, and one acre each of Banner and Daubeney oats were seeded in 1914. The land on which this grain was sown was as stated above. The seed was sown on May 20 with a disc drill and the ground seeded to clover and timothy at the same time. The yield per acre and other data secured from these areas are as follows:—

Variety.	When Cut.	Length of Straw.	Yield per Acre.	
		Inches.	Bush	Lbs.
Manchurian Barley	Aug. 24	32	24	12
Canadian Thorpe Barley	" 24	34	22	8
Daubeney Oats	" 19	40	52	28
Banner Oats	" 29	46	58	9
Marquis Wheat	" 29	41	26	15
Red Fife Wheat	Sept. 4	42	23	5

WINTER RYE.

A piece of ground was seeded to winter rye September 12, 1913. The land was in grain in 1913 and was cleared from stumps in 1911 and 1912. Ten tons of manure were spread on the land in the fall of 1913, after which it was ploughed, well worked down and seeded. The crop was harvested August 7, and yielded 23 bushels per acre. The growth of straw was 54 inches.