

The average on six acres of fall ploughed stubble land in 1914 was 16 bushels 6 pounds, and the average for three years is 20 bushels 14 pounds.

The average on two acres of corn stubble, following fallow in 1913, was 38 bushels 17 pounds, and the average for three years is 44 bushels 53 pounds.

It is remarkable that the yield is higher, and the maturity earlier on corn ground than on fallow.

One acre of Prelude wheat sown on May 13 and harvested on August 9 yielded 23 bushels 55 pounds. The wheat was of No. 1 Northern quality and it matured in 87 days.

OATS.

The order of merit of oats in point of yield was somewhat changed in 1914 from that of the average for four years. Following are the yields of five of the leading varieties. The plots of 1914 were sown May 2:—

Variety.	Days maturing.	Yield 1911.	Yield 1912.	Yield 1913.	Yield 1914.	Average 4 years.
		Bus. Lbs.	Bus. Lbs.	Bus. Lbs.	Bus. Lbs.	Bus. Lbs.
Abundance.....	94	125-30	94-4	132-32	77-22	107-22
Banner.....	94	131-26	70-20	145-30	73-18	105-15
Victory.....	92	109-14	83-18	143-18	82-32	104-29
Ligowo.....	94	121-6	69-14	108-8	80-3	94-25
Eighty Day.....	82		63-18	102-12	75-20	

O.A.C. 72, a new variety of oats originated by Prof. Zavitz, of the Agricultural College at Guelph and promising well in Ontario, was tried at this station for the first time this year. The yield was higher than that of any of the other varieties under test, but was the latest of all in maturing, and we should therefore hesitate to recommend it for Northern Saskatchewan without further tests.

The average yield of Banner oats on fall ploughed stubble land was 50 bushels 2 pounds, and the average for three years was 64 bushels 27 pounds.

BARLEY.

Seventeen varieties were tested on one-fortieth acre plots. The results of six of the leading varieties, sown on May 2, 1914 (and compared with the years 1911-1912-1913), are here given:—

Variety.	Days maturing.	Yield 1911.	Yield 1912.	Yield 1913.	Yield 1914.	Average yield 4 years.
		Bus. Lbs.	Bus. Lbs.	Bus. Lbs.	Bus. Lbs.	Bus. Lbs.
* O.A.C. 21.....	94	94-8	57-4	73-16	78-16	75-35
* Manchurian.....	94	96-32	55-40		67-24	
* Swans Neck.....	92	78-16	66-32	74-8	77-4	74-3
* Black Japan.....	94	93-16	70-40	58-16	66-40	72-16
Duck Bill.....	94	80-16	61-32	67-24	66-42	69-4
Beaver.....	94	70-40	38-16	46-32	45-20	50-15

* Six-rowed varieties.

Two acres of O.A.C. 21 on root ground yielded 57 bushels 35 lbs. per acre in 1914, and an average under similar conditions of 45 bushels 34 lbs. for three years.