

The above flax is the latest developed variety in Canada, and is also one of the earliest maturing varieties. A yield of 10 bu. 50 lb. is very creditable indeed.

FALL RYE.

One plot of fall rye was sown on September 8th, 1914. It sprouted well and produced a very excellent growth during the same fall. The next spring it grew rapidly and was harvested on August 14th. The results from the fall rye plot are as follows:—

Table 25.—Results from $\frac{1}{4}$ -acre Plot of Fall Rye.

Variety.	Date sowed.	Rate of Seed per Acre.	Date cut.	Size of Plot.	Yield per Plot.	Yield per Acre.
		Lb.		Acre.	Lb.	Bu. lb.
Fall rye	Sept. 8, 1914	70	Aug. 14, 1915	$\frac{1}{4}$	748	53 14

The fall rye produced 53 bu. 14 lb. per acre, which was a very large yield. There is no doubt about the fact that this crop will grow and produce excellent results on the Commonage. It may be used to good advantage as pasture in the fall, and still produce excellent returns the following year. It has also proven to be valuable as an early spring pasture. In some instances we have known it to be pastured until June 1st, and then allowed to mature and produce a fair amount of good seed.

GERMINATION OF GRAIN AT QUILCHENA.

Before turning to a discussion of the grasses, roots, and vegetables grown at Quilchena, an official germination test of the samples of grain grown on the various plots of the Quilchena Commonage is appended. It is found that 86.3 per cent. of all grains have a germination of 90 per cent. or better, which is regarded as very good indeed.

Table 26.—Complete Germination Record of all Grains produced at Quilchena.

Varieties of wheat—	Percentage Germination.
Marquis	99.5
Huron	99.5
Red Fyfe	98.5
Prelude	97.0
Durum	97.0
Kubanka	94.5
Galgals	88.5
Ghirka	84.5
Varieties of oats—	
Banner	99.5
O.A.C. No. 72	99.5
Sixty-day	99.0
Abundance (Regenerated)	99.0
Abundance	98.0
Garton No. 22	97.0
Varieties of barley—	
Two-rowed Chevallier	100.0
White Hull-less	97.5
Mensury	97.0
Smyrna	86.0
Varieties of peas—	
Canadian Beauty	94.5
Prussian Blue	93.0
Variety of flax—Premost	100.0
Variety of fall rye—Fall rye	90.5