

### Four Years' Comparison of Field Lots.

The average yield per acre and time taken to mature of five varieties of spring wheat grown at Indian Head experimental farm in field lots under similar conditions for the past four years are as follows:

Variety	Average days to mature	Days earlier than Red Fife	Average yield per acre	
			Bush.	Lbs.
Preston .....	127	7	33	52
Huron .....	125	9	32	51
Stanley .....	128	6	31	48
Red Fife .....	134	..	31	22
Marquis .....	125	9	39	25

### VARIETIES OF OATS.

The leading varieties of oats grown in Saskatchewan are the *Banner* and *Abundance*. Each of these is a variety of white oats, having a relatively low percentage of hull and a high percentage of meal.

The following results from tests at the Indian Head experimental farm were obtained in 1911:

### Oats—Average and Total Yields.

Variety	Cultivation	Acres	Yield per acre		Total Yield	
			Bush.	Lbs.	Bush.	Lbs.
Abundance .....	Fallow .....	16.54	97	3	1,608	..
Banner .....	Spring Ploughing ..	5.06	58	25	331	..
Banner .....	Fallow .....	9.51	93	1	891	12
Banner .....	Spring Ploughing ..	5.06	51	26	291	28
Improved Ligowo ..	Fallow .....	10.02	80	..	816	04
Dodds White .....	Fallow .....	.50	54	16	27	08
		46.69	..	..	3,965	18

Average yield per acre, 84 bushels, 31 lbs.

### GOOD SEED.

(By John A. Mooney, Vice President Canadian Seed Growers' Association, Regina, Sask.)

The subject of good seed should appeal to every farmer who wishes to make a success of his operations, since only by its use can he hope for best results. A man who is fortunate enough to start with clean seed and who gives reasonable care afterwards to the seed he sows, will seldom have his farm mortgaged to his arch-enemy,—weeds, which very often claim one-third of the crop space on the carelessly managed farm.

The questions arise, What is good seed? How, and where can it be secured? To answer these questions we should make a study of the demands of a seed, then when acquainted with what nature requires,