

Homestead Wheat Variety Trial



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Cooperator: Brook Strader

Extension Educator: Troy Gosney

Planting & harvest dates: 10/10/17 & 6/7/18

Previous crop: Fallow

Management: Grain-only

Soil type: Canadian fine sandy loam

Tillage: Conventional

Soil test: pH = 6.3, P = 43, K = 393

Licensee	Variety	Grain Yield			Test Weight	Lodging
		2017-18	2-Year	3-Year	2017-18	2017-18
		-----bu/ac-----			---lb/bu---	1 - 5
OGI	Iba	22	37	54	56.5	1
AgriPro	SY Benefit	20	-	-	55.1	1
WestBred	WB4515	17	-	-	56.2	1
OGI	Gallagher	17	34	54	55.5	2
OGI	Stardust	17	-	-	55.1	1
AgriPro	SY Flint	17	29	48	57.9	1
AgriPro	SY Monument	16	35	53	54.5	2
WestBred	WB4303	16	-	-	53.2	1
LCS	LCS Mint	16	33	47	56.9	1
OGI	Smith's Gold	15	31	-	56.0	2
OGI	Spirit Rider	15	30	-	56.1	1
LCS	LCS Pistol	15	33	48	52.1	2
AgriPro	SY Achieve CL2	15	-	-	58.4	2
AgriPro	SY Grit	15	-	-	55.2	2
OGI	Lonerider	15	34	-	52.7	2
OGI	Duster	14	33	49	55.4	1
WestBred	WB4721	14	-	-	57.0	2
OGI	Bentley	14	33	53	52.2	1
AgriPro	Bob Dole	13	-	-	53.6	1
WestBred	WB4458	13	31	51	55.5	1
KWA	Joe	13	33	-	56.7	2
OGI	Ruby Lee	13	35	45	57.5	1
Watley	TAM 204	13	30	50	50.0	2
OGI	Doublestop CL Plus	13	33	46	57.7	1
KWA	Larry	12	29	-	54.8	1
LCS	T158	11	-	-	54.3	1
KWA	Zenda	10	-	-	56.0	1
LCS	LCS Chrome	10	32	-	52.8	1
WestBred	WB-Grainfield	10	33	53	53.1	1
Experimentals						
	OCW05S616T-2	21	-	-	55.5	2
	OK14P212	15	-	-	59.1	1
	OK12716	13	30	48	54.4	1
	OK13209	10	26	-	56.6	1
	OK12206-2	10	-	-	50.9	2
	OCW04S717T-6W	8	-	-	50.7	2
Mean		14	32	50	55.0	1
LSD_(0.05)		7	6	6	1.8	

Notes: Grain yields adjusted to 12% moisture content. Shaded values are not statistically different from the highest value within a column. Lodging on a scale from 1 - 5 with 1 indicating no lodging. Drought conditions persisted throughout much of the growing season, and some freeze injury occurred during early April. Low foliar disease pressure during grain fill.