

2018 WSU Variety Testing Clearfield Trial, Eureka

Variety Name ¹ - <i>Hard Red</i>	2018					2 Year	3 Year	5 Year
	Yield (Bu/A)	Test WT (Lbs/Bu)	Protein (%)	Plant HT (In)	Head Date	Average (Bu/A)	Average (Bu/A)	Average (Bu/A)
<i>Released Varieties</i>								
LCS Artdeco	102	60.8	9.3	33	133	71	--	--
SY Dayton	97	60.8	10.1	35	138		--	--
Norwest Tandem	97	61.2	10.3	33	135	73	--	--
Bobtail	93	57.8	9.9	35	137	81	--	--
UI Magic CL+	92	61.8	11.1	33	135	64	--	--
Curiosity CL+	90	60.8	9.2	39	142	75	--	--
ORCF-102	87	60.9	11.1	37	139	70	--	--
UI Palouse CL+	87	59.9	10.8	34	137	65	--	--
SY Clearstone CL2 ¹	86	61.7	11.3	39	138		--	--
Resilience CL+	86	61.2	10.5	35	139	68	--	--
UI Castle CL+	86	59.9	11.0	33	138	67	--	--
WB1376CLP	82	63.0	11.6	36	137	59	--	--
WB4623CLP ¹	80	62.9	12.3	38	136		--	--
ORCF-101	78	60.2	11.7	34	139	58	--	--
Brawl CL+ ¹	65	63.1	12.6	36	129		--	--
<i>Experimental Lines</i>								
KXB-01	95	60.7	9.5	36	139	73	--	--
WA 8275 CL+	88	60.3	11.5	33	140	70	--	--
ORI2161250 CL+	86	61.2	10.8	37	134		--	--
ORI2150033 CL+	85	60.1	11.8	37	138	64	--	--
ORI2161244 CL+	85	60.8	11.9	36	133		--	--
ORI2150031 CL+	85	60.2	11.6	37	139	64	--	--
WA 8274 CL+	84	60.0	11.4	34	139	65	--	--
ORI2150030 CL+	83	60.5	11.4	35	138		--	--
ORI2150061 CL+	74	61.8	12.4	33	136	54	--	--
C.V. %	5	0.9	5.3	4	1	7	--	--
LSD (0.05)	6	0.7	0.8	2	1	5	--	--
Average	86	60.9	11.0	35	137	67	--	--
Highest	102	63.1	12.6	39	142	81	--	--
Lowest	65	57.8	9.2	33	129	54	--	--

Agronomic Information

Planting Date:	10/5/2017
Harvest Date:	7/18/2018
Seeding Rate (seeds/ft ²):	21
Previous Crop:	Fallow
Spring soil test:	
N (lb/ac) 4-ft sample	193
P (ppm-bicarb) 2-ft sample	51
S (lb/ac) 2-ft sample	14
pH (top 6 inches)	5.42

Herbicide:

4 oz/ac propiconazole was applied with herbicide application

Trial Notes:

1. The Eureka nursery was located about 17 miles west of Prescott, WA.
2. Base fertilizer was 100N 20P 20S
3. Yield was 36% greater than 2017 and grain test weight were 2.4 lb/bu lower than 2017.

Cooperator G Struthers