

2018 WSU Variety Testing Clearfield Trial, Dayton

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>								
Bobtail	116	60.9	10.1	35	144	127	--	--
LCS Artdeco	114	62.3	9.8	33	140	127	--	--
UI Palouse CL+	107	61.8	11.4	36	145	112	--	--
SY Dayton	105	62.7	10.3	34	144		--	--
UI Castle CL+	105	63.0	11.8	38	144	113	--	--
UI Magic CL+	103	62.9	11.6	35	140	118	--	--
ORCF-102	102	63.2	11.2	41	143	110	--	--
ORCF-101	102	62.6	11.8	36	143	112	--	--
Norwest Tandem	100	62.6	10.7	32	139	118	--	--
Curiosity CL+	99	63.0	11.0	41	148	101	--	--
SY Clearstone CL2¹	98	63.1	11.6	42	141		--	--
Resilience CL+	95	63.2	10.8	35	144	114	--	--
WB4623CLP¹	91	63.5	13.0	37	139		--	--
WB1376CLP	85	64.0	11.8	36	141	104	--	--
Brawl CL+¹	76	63.8	13.2	36	137		--	--
<i>Experimental Lines</i>								
WA 8274 CL+	111	62.1	11.8	36	145	120	--	--
WA 8275 CL+	106	62.8	11.0	36	142	125	--	--
ORI2150033 CL+	103	62.5	12.2	39	142	114	--	--
ORI2150030 CL+	97	62.8	11.6	37	142		--	--
ORI2150031 CL+	95	62.8	11.3	37	143	110	--	--
ORI2161244 CL+	94	63.0	12.1	35	138		--	--
ORI2161250 CL+	94	63.0	11.4	38	139		--	--
ORI2150061 CL+	81	62.9	13.0	31	140	93	--	--
KXB-01	112	62.6	10.5	39	144	123	--	--
C.V. %	9	0.6	4.8	5	1	7		
LSD (0.05)	12	0.5	0.7	3	2	8		
Average	100	62.8	11.5	36	142	114		
Highest	116	64.0	13.2	42	148	127		
Lowest	76	60.9	9.8	31	137	93		

Agronomic Information

Planting Date:	10/11/2017
Harvest Date:	8/1/2018
Seeding Rate (seeds/ft ²):	21
Previous Crop:	Chickpeas
Spring soil test:	
N (lb/ac) 4-ft sample	155
P (ppm-bicarb) 2-ft sample	80
S (lb/ac) 2-ft sample	25
pH (top 6 inches)	5.54

Herbicide:

Herbicides and fungicides applied by grower

Trial Notes:

1. The Dayton nursery was located about 10 miles northwest of Dayton, WA.
2. The nursery was fertilizer at 125N 15P 15S 10Cl. An additional 25N was applied in the spring after soil sampling.
3. Overall yield was 17% less than 2017, and grain test weight was the same as last year.

Cooperator J Penner