

2018 WSU Variety Testing Clearfield Trial, Walla Walla

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>								
Norwest Tandem	140	63.2	11.5	37	136	135	--	--
Bobtail	136	61.7	10.3	38	138	144	--	--
SY Dayton	132	63.8	11.3	37	139		--	--
ORCF-102	121	63.5	11.7	42	139	131	--	--
UI Palouse CL+	116	62.1	11.5	38	138	120	--	--
LCS Artdeco	116	62.4	10.5	36	131	138	--	--
UI Castle CL+	114	63.5	11.9	39	139	108	--	--
UI Magic CL+	113	63.7	12.2	36	136	123	--	--
ORCF-101	110	63.4	11.9	37	139	116	--	--
Resilience CL+	110	63.8	11.6	37	138	131	--	--
Curiosity CL+	109	63.6	11.4	42	143	96	--	--
SY Clearstone CL2 ¹	101	63.2	11.5	45	137		--	--
WB4623CLP ¹	97	64.3	13.9	41	136		--	--
Brawl CL+ ¹	91	64.9	12.8	39	129		--	--
WB1376CLP	91	64.8	12.8	39	137	115	--	--
<i>Experimental Lines</i>								
ORI2150033 CL+	129	63.4	11.9	41	138	136	--	--
KXB-01	118	62.9	11.4	40	142	119	--	--
ORI2150031 CL+	118	63.6	12.4	42	140	128	--	--
WA 8274 CL+	118	62.6	12.0	38	141	128	--	--
WA 8275 CL+	114	63.2	11.6	38	138	132	--	--
ORI2150030 CL+	112	63.6	12.4	42	138		--	--
ORI2161250 CL+	109	62.8	11.5	41	134		--	--
ORI2161244 CL+	104	63.2	11.9	38	131		--	--
ORI2150061 CL+	85	63.7	13.0	37	135	101	--	--
C.V. %	8	0.4	2.1	4	1	6		
LSD (0.05)	12	0.4	0.3	2	1	7		
Average	113	63.4	11.9	39	137	124		
Highest	140	64.9	13.9	45	143	144		
Lowest	85	61.7	10.3	36	129	96		

Agronomic Information

Planting Date:	10/4/2017
Harvest Date:	8/07/2018
Seeding Rate (seeds/ft ²):	21
Previous Crop:	
Spring soil test:	
N (lb/ac) 4-ft sample	247
P (ppm-bicarb) 2-ft sample	109
S (lb/ac) 2-ft sample	40
pH (top 6 inches)	5.07

Herbicide:

Herbicides and fungicides applied by grower

Trial Notes:

1. The Walla Walla nursery was located about 11 miles east of Walla Walla, WA.
2. The nursery was fertilized prior to planting by the cooperator.
3. Overall yield was 10% less than 2017 and grain test weight was 0.1 lb/bu more than last year.

Cooperator M Lyons