

2021 WSU/OSU Variety Testing Clearfield Winter Wheat Trial, Walla Walla

Variety Name <i>Hard Red Winter</i>	2021					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)
Released Varieties								
SY Dayton	87	60.2	11.4	32	136			
VI Voodoo CL+ (UIL 17-6268 CL+)	86	59.3	11.4	32	137	110	112	
Sockeye CL+ (WA8306 CL+)	85	59.9	10.7	37	137	103	110	
Piranha CL+ (WA8305 CL+)	83	60.3	11.3	38	137	105	110	
OR2X2 CL+	82	59.7	12.6	36	138	94	98	110
Stingray CL+	81	59.0	12.7	34	138	97	103	115
LCS Blackjack	81	55.7	11.5	34	138			
UI Magic CL+	79	61.5	11.7	32	136	95	99	109
VI Presto CL+ (UIL 17-6451 CL+)	78	62.2	12.1	35	135	100	102	
Resilience CL+	74	60.4	12.3	33	138	96	99	112
WB4623CLP	72	62.0	12.9	34	136	87	88	
SY Clearstone CL2	67	58.1	13.3	37	136	84	86	
Appleby CL+	62	58.9	12.4	33	133	80	85	
Brawl CL Plus	59	62.1	12.8	33	127			
Experimental Lines								
ORI2190027 CL+	82	60.4	11.7	33	134			
ORI2190025 CL+	81	58.9	11.9	33	133			
UIL 17-7706 CL+	78	60.6	11.5	35	138			
09PN118-02 CL2	76	59.6	12.1	35	137			
C.V. %	6	1.9	2.4	3	1	8	7	7
LSD (0.05)	8	1.9	0.5	2	2	8	6	5
Average	77	59.9	12.0	34	136	96	99	111
Highest	87	62.2	13.3	38	138	110	112	115
Lowest	59	55.7	10.7	32	127	80	85	109

Agronomic Information

Planting Date:	10/15/2020
Harvest Date:	7/14/2021
Seeding Rate (seeds/ft ²):	21.5
Previous Crop:	Garbanzos
Spring soil test:	
N (lb/ac) 4-ft sample	344
P ₂ O ₅ (lb/ac) 1-ft sample	430
S (lb/ac) 2-ft sample	32
pH (top 6 inches)	4.7

Trial Notes:

1. The Walla Walla nursery was located 5.5 miles NE of Walla Walla, WA.
2. The nursery was fertilized prior to seeding at a rate of 160N, 10P, 10K, 15S. An additional 146N was applied after soil sampling.
3. Overall yield was 30% lower than 2020 and test weight was 2.4 lb/bu less.

Cooperator: Jason Lynch & Jay Nowogroski

Herbicide: Osprey Xtra (4.75oz), Huskie (15oz), Miravis Ace (7oz), and Tilt (2oz) were applied on March 18, 2021.