

2021 WSU Variety Testing Soft Winter Wheat Trial, Harrington

Variety Name <i>Club Italicized</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)
<i>Released Varieties</i>								
SY Command	58	59.5	9.4	30	--	59	63	69
LCS Shine	57	59.6	9.7	26	--	51	58	
<i>ARS-Castella</i>	57	60.2	9.2	29	--	54	59	67
M-press	56	60.5	9.9	31	--	57	60	
Jasper	54	57.8	10.1	31	--	57	61	
<i>ARS-Crescent</i>	53	58.0	8.3	30	--	60	64	68
LCS Hulk	53	59.8	10.4	29	--	59	63	72
Norwest Tandem	52	60.0	9.5	27	--	53	57	
Piranha CL+ (WA8305 CL+)	52	59.4	9.4	31	--	60		
<i>Pritchett</i>	52	59.7	9.2	33	--	53	60	63
AP Dynamic	52	57.5	9.7	32	--	56		
Norwest Duet	51	58.3	10.0	33	--	60	63	70
Stingray CL+	51	60.4	10.5	30	--	54		
VI Presto CL+ (UIL 17-6451 CL+)	51	61.8	10.5	33	--	58		
Purl	50	60.7	9.6	29	--	51		
YSC-93	49	61.5	10.1	30	--			
WB1529	49	62.6	10.8	28	--	40	49	60
M-Idas	49	59.8	9.1	28	--	45		
Puma	49	60.4	10.2	33	--	55	57	64
Devote	48	60.4	9.7	27	--	54	59	
Mela CL+	48	58.4	10.4	31	--	53	57	65
UI Magic CL+	47	59.6	11.1	27	--	52	56	63
YSC-215	47	61.4	9.8	30	--			
Resilience CL+	47	60.0	10.8	28	--	53		
VI Frost	47	61.4	10.3	30	--	50	58	
LCS Sonic	46	59.5	10.9	30	--	58	64	70
VI Voodoo CL+ (UIL 17-6268 CL+)	45	57.8	10.3	25	--			
Curiosity CL+	44	59.3	10.4	29	--	52	57	63
Appleby CL+	44	59.9	10.5	31	--	48		
Otto	44	58.0	10.1	30	--	46	50	61
WB1783	43	60.7	11.4	30	--	52	55	
<i>Experimental Lines</i>								
WA8334	57	59.7	9.4	31	--			
LWW17-5877	56	58.9	9.8	28	--			
OR2130755	54	59.1	10.7	30	--	60		
WA8333	54	59.7	9.1	31	--			
<i>ARSX12097-8D</i>	54	57.4	9.1	31	--			
UIL 17-7706 CL+	53	60.0	10.0	29	--			
GS2	53	60.0	10.4	31	--			
WA8332	53	57.7	10.4	31	--			
LWW17-8185	52	60.2	9.2	29	--			
LWW17-5815	52	59.5	10.2	29	--	61		
LWW18-0587	49	58.2	9.6	31	--			
09PN118-02 CL2	48	58.8	11.3	32	--			
ORI2190025 CL+	48	57.8	11.3	29	--			
UIL 13-553051A	48	59.3	10.7	30	--			

<b>IDO2008</b>	47	59.2	10.3	31	--			
<b>WA8290</b>	47	58.3	10.6	29	--	56	59	
<b>WA8331</b>	47	57.2	10.0	31	--			
<i>ARSX12015-68CBW</i>	43	57.4	9.9	29	--	50		
<b>LWW18-5080</b>	42	56.7	9.8	26	--			
<i>OR5170022</i>	41	59.8	11.7	26	--	41		
<i>WA8317</i>	39	58.4	10.0	28	--	50		
<b>C.V.</b>	7	1.6	6.0	4	--	9	9	10
<b>LSD</b>	5	1.5	1.0	3	--	6	5	5
<b>Average</b>	50	59.4	10.1	30	--	54	59	66
<b>Highest</b>	58	62.6	11.7	33	--	62	65	72
<b>Lowest</b>	39	56.7	8.3	25	--	40	49	60

#### **Agronomic Information**

Planting Date:	9/4/2020
Harvest Date:	7/16/2021
Seeding Rate (seeds/ft <sup>2</sup> ):	12.5
Previous Crop:	Fallow
Spring soil test:	
N (lb/ac) 4-ft sample	133
P <sub>2</sub> O <sub>5</sub> (lb/ac) 1-ft sample	169
S (lb/ac) 2-ft sample	25
pH (top 6 inches)	5.2

Herbicide: Herbicides were applied by the cooperator

#### **Trial Notes:**

1. The Harrington nursery was located 9 miles SW of Harrington, WA.
2. The nursery was fertilized prior to seeding at a rate of 60N, 10S. No additional fertilizer was applied after spring soil sampling.
3. Overall yield was 13% lower than 2020 and test weight was 4.6 lb/bu less.

**Cooperator: Jordan Wagner**