

## 2023 WSU Variety Testing CL/AX Winter Wheat Trial, Pullman

Variety Name <i>HRW Italicized</i>	2023					2 Year	3 Year	4 Year
	Yield (Bu/A)	Test WT (Lbs/Bu)	Protein (%)	Plant HT (In)	Head Date	Average (Bu/A)	Average (Bu/A)	Average (Bu/A)
<b>Released Varieties</b>								
<b>Sockeye CL+</b>	<b>143</b>	62.5	10.5	38	155	<b>138</b>	<b>114</b>	<b>121</b>
<b>Piranha CL+</b>	127	63.0	10.7	37	154	<b>134</b>	<b>112</b>	<b>121</b>
<b>LCS Shine (Check)</b>	125	62.6	9.8	31	153	<b>138</b>	<b>114</b>	<b>119</b>
<i>LCS Eclipse AX</i>	125	62.0	10.1	36	154			
<b>LCS Scorpion AX (LWWA19-0291)</b>	122	62.6	10.9	31	152			
<b>Stingray CL+</b>	121	62.3	11.0	32	154	<b>130</b>	107	113
<b>VI Voodoo CL+</b>	120	62.3	10.7	30	155	129	<b>110</b>	<b>116</b>
<b>LCS Kraken AX</b>	116	63.3	11.0	35	155			
<b>LCS Dagger AX</b>	112	64.3	11.2	32	149			
<b>Resilience CL+</b>	111	63.0	11.2	33	157	125	105	109
<b>LCS Hydra AX</b>	110	63.9	10.6	32	155			
<b>UI Magic CL+</b>	110	63.3	11.3	32	153	112	93	101
<i>Battle AX</i>	107	64.3	11.3	32	150	108	92	
<i>WB4510CLP</i>	96	<b>65.5</b>	11.1	34	151	108		
<b>Experimental Lines</b>								
<b>WA8346 AX</b>	127	62.6	10.4	36	154	122		
<b>WA8345 AX</b>	126	63.1	10.8	35	153	125		
<b>LWWA19-0287</b>	124	62.0	10.2	36	152			
<b>UIL 17-7706 CL+</b>	122	63.2	10.9	34	155	124	107	
<b>OR2190025CL+</b>	115	62.4	10.9	33	152	116	99	
<b>ORI2190027CL+</b>	115	63.5	11.1	32	153	116		
<b>WA8347 AX</b>	112	64.4	11.3	36	154	114		
<b>WA8348 AX</b>	108	64.1	10.7	36	155			
<b>LWWA19-0294</b>	107	64.3	11.6	31	149			
<b>LWWA19-0293</b>	102	63.8	11.7	30	149			
<b>C.V.</b>	5	0.4	2.0	3	0.4	8	8	7
<b>LSD</b>	8	0.3	0.3	2	1	8	6	5
<b>Average</b>	117	63.3	10.9	33	153	125	105	114
<b>Highest</b>	143	65.5	11.7	38	157	138	114	121
<b>Lowest</b>	96	62.0	9.8	30	149	108	92	101

### Agronomic Information

Planting Date:	10/5/2023
Harvest Date:	8/4/2023
Seeding Rate (seeds/ac):	1,050,000
Previous Crop:	Canola
Fall soil test:	
N (lb/ac) 4-ft sample	435
P <sub>2</sub> O <sub>5</sub> (lb/ac) 1-ft sample	250
S (lb/ac) 2-ft sample	77
pH (top 6 inches)	4.8

Herbicides: Zidua (4oz) was applied on Oct 18, 2022.

Brox-M (1pt) was applied on Nov 3, 2022.

WideARmatch (19.5oz), Powerflex (2oz), Huskie (12.5oz), Miravis Ace (7oz) were applied by the cooperator.

Osprey Xtra (4.75oz), Huskie (15oz), Miravis Ace (7oz), and Tilt (2oz) were applied on April 28, 2023.

### Trial Notes:

1. The nursery was located approximately 3.5 miles southeast of Pullman, WA.
2. The nursery was fertilized prior to seeding by the cooperator at a rate of 180N, 20P, 20S. An additional 14N, 35P, 16K, 9S, 13Cl was applied at planting.
3. Yield was down 3% and test weight was 2.6 lb/bu more compared to 2022.

**Cooperator:** Kurt Druffel