

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

Variety Name <i>Club 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>								
Sockeye CL+	87	59.8	11.4	34	148	105	107	
LCS Shine (Check)	84	58.8	11.5	28	144	99	103	102
Piranha CL+	82	60.4	11.7	33	148	98	101	
LCS Kraken AX	79	60.8	12.2	33	146			
VI Voodoo CL+	77	58.2	12.7	27	146	100	104	
LCS Scorpion AX (LWWA19-0291)	77	60.2	11.6	29	144			
Stingray CL+	77	58.7	13.1	31	146	94	97	97
UI Magic CL+	73	60.5	12.9	26	144	96	95	95
Resilience CL+	71	61.1	12.6	29	150	93	94	93
LCS Hydra AX	71	62.8	11.0	31	144			
Battle AX	70	63.1	12.0	30	143	90		
LCS Eclipse AX	69	59.4	11.3	31	145			
LCS Dagger AX	69	62.5	11.8	29	142			
WB4510CLP	69	63.2	12.0	31	145	84		
<b>Experimental Lines</b>								
OR2190025CL+	87	60.2	12.0	31	143	100		
ORI2190027CL+	85	61.1	11.9	29	145	107		
WA8347 AX	85	62.2	11.9	35	145	87		
WA8345 AX	82	59.7	12.6	34	145	96		
WA8346 AX	81	58.8	12.5	33	146	96		
UIL 17-7706 CL+	81	60.9	12.0	30	145	98		
LWWA19-0293	80	62.1	12.5	30	143			
LWWA19-0287	79	59.3	11.7	34	145			
LWWA19-0294	76	61.5	12.4	30	143			
WA8348 AX	72	61.7	12.1	35	146			
C.V.	4	0.6	1.9	3	1	7	6	8
LSD	4	0.5	0.3	1	1	7	5	5
Average	78	60.7	12.0	31	145	96	100	97
Highest	87	63.2	13.1	35	150	107	107	102
Lowest	69	58.2	11.0	26	142	84	94	93

\*2023, 2022, 2020, 2019 used in multi-year analyses.

### Agronomic Information

Planting Date:	10/6/2022
Harvest Date:	8/4/2023
Seeding Rate (seeds/ac):	900,000
Previous Crop:	Dry Peas
Fall soil test:	
N (lb/ac) 4-ft sample	660
P <sub>2</sub> O <sub>5</sub> (lb/ac) 1-ft sample	600
S (lb/ac) 2-ft sample	86
pH (top 6 inches)	5.1

### Trial Notes:

1. The nursery was located approximately 1 mile northeast of Dayton, WA.
2. The nursery was fertilized prior to seeding by the cooperator at a rate of 130N, 15P, 15S, 8Cl. No additional fertilizer was applied after fall soil sampling.
3. Yield was down 22% and test weight was 1.6 lb/bu more compared to 2022.

**Cooperator:** Dan McKinley

**Herbicides:** Axial (16oz), Huskie (15oz), Miravis Ace (7oz), and Tilt (2oz) were applied on May 4, 2023.

Talinor (18oz) was applied on May 15, 2023.