

2023 WSU Variety Testing CL/AX Winter Wheat Trial, Moses Lake

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	Lodging (%)	Average (Bu/A)	Average (Bu/A)	Average (Bu/A)
Released Varieties									
<i>WB4510CLP</i>	158	65.8	11.5	38	144	13	150		
<i>LCS Eclipse AX</i>	157	62.9	11.1	37	146	0			
LCS Shine (Check)	155	63.9	10.4	30	145	0	152	150	
VI Voodoo CL+	153	62.4	10.8	33	149	0			
LCS Hydra AX	151	64.7	11.6	36	145	0			
LCS Dagger AX	150	64.6	11.7	34	143	0			
Stingray CL+	147	62.7	11.0	37	150	30			
Sockeye CL+	144	62.1	11.1	37	150	73	129	139	
Piranha CL+	138	62.1	11.3	38	151	67			
Experimental Lines									
UIL 17-7706 CL+	164	64.4	11.2	37	151	0			
LWWA19-0293	139	63.7	11.9	33	143	0			
ORI2190016CL+	125	59.5	11.5	23	150	0			
C.V.	4	0.6	2.1	4	0	67	5	10	
LSD	8	0.6	0.4	2	1	15	8	NS	
Average	148	63.2	11.2	34	147	15	144	144	
Highest	164	65.8	11.9	38	151	73	152	150	
Lowest	125	59.5	10.4	23	143	0	129	139	

Agronomic Information

Planting Date:	10/26/2022
Harvest Date:	8/1/2023
Seeding Rate (seeds/ac):	1,050,000
Previous Crop:	Potatoes
Fall soil test:	
N (lb/ac) 4-ft sample	456
P ₂ O ₅ (lb/ac) 1-ft sample	267
S (lb/ac) 2-ft sample	500
pH (top 6 inches)	6.4

Herbicides: Huskie (15oz), Miravis Ace (7oz), and Tilt (2oz) were applied on May 8, 2023.

Trial Notes:

1. The nursery was located approximately 12 miles east of Moses Lake, WA.
2. The nursery was fertilized prior to planting by the cooperator at a rate of 100N, 120K. An additional 85N, 14S was applied via fertigation.
3. Yield was up 6% and test weight was 6.7 lb/bu more compared to 2022.

*2023, 2022, 2021, 2017 used in four year average.

Cooperator: Dennis Treat