

2023 WSU Variety Testing CL/AX Winter Wheat Trial, Anatone

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)
Released Varieties								
UI Magic CL+	79	61.2	8.2	32	151	77	61	63
LCS Shine (Check)	78	60.0	6.8	28	150	84		
<i>LCS Eclipse AX</i>	77	58.1	7.3	33	152			
Piranha CL+	76	61.2	7.6	34	152	78	66	68
<i>Battle AX</i>	75	61.2	7.4	32	146	78	62	
Stingray CL+	75	60.5	8.0	32	153	75	61	63
LCS Hydra AX	75	61.9	7.3	31	152			
LCS Dagger AX	75	63.0	7.7	32	146			
Sockeye CL+	74	60.2	7.2	35	152	75		
Appleby CL+	74	62.0	7.8	33	151	67	55	60
LCS Scorpion AX (LWWA19-0291)	74	60.6	7.1	29	150			
VI Presto CL+	73	62.8	8.0	33	152	72	59	63
VI Voodoo CL+	73	59.9	7.5	29	151	72	60	
<i>LCS Helix AX</i>	72	63.4	7.7	34	148	75		
<i>WB4510CLP</i>	71	64.5	8.0	34	149	73		
<i>Kivari AX</i>	71	60.7	7.0	35	149			
LCS Kraken AX	65	61.7	7.4	34	153			
Curiosity CL+	54	61.8	7.3	34	157	65	52	54
Experimental Lines								
CPX69217	79	60.8	7.2	30	148			
LWWA19-0294	77	61.9	7.0	32	146			
WA8346 AX	77	59.7	7.4	34	152	77		
LWWA19-0293	76	62.0	7.4	31	146			
LWWC21-5070	76	59.2	7.8	29	151			
WA8347 AX	75	61.9	7.9	37	151	76		
UIL 17-7706 CL+	75	60.6	7.5	32	151	78	64	
ORI2190027CL+	75	60.8	7.4	32	151	76		
LWWA19-0287	74	60.1	7.3	34	151			
WA8345 AX	74	60.4	7.7	33	152	76		
WA8348 AX	72	62.6	7.6	35	151	77		
ORI2190025CL+	72	59.6	7.3	32	149			
C.V.	6	0.6	4.0	4	0	8	10	11
LSD	6	0.5	0.4	2	1	6	5	4
Average	74	61.2	7.5	33	150	74	59	62
Highest	79	64.5	8.2	37	157	84	66	68
Lowest	54	58.1	6.8	28	146	65	52	54

Agronomic Information

Planting Date:	9/23/2022
Harvest Date:	7/25/2023
Seeding Rate (seeds/ac):	900,000
Previous Crop:	Fallow
Fall soil test:	
N (lb/ac) 2-ft sample	183
P ₂ O ₅ (lb/ac) 1-ft sample	242
S (lb/ac) 2-ft sample	29
pH (top 6 inches)	6.0

Trial Notes:

1. The nursery was located approximately 5.5 miles northeast of Anatone, WA.
2. The nursery was fertilized at seeding at a rate of 16N, 40P, 10K, 10S. No additional fertilizer was applied.
3. Overall yield was the same and test weight was 0.8 lb/bu more compared to 2022.

Cooperator: Brit Ausman

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

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