

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

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	Cold Inj. [‡] Rating	Average (Bu/A)	Average (Bu/A)	Average (Bu/A)
Released Varieties									
Sockeye CL+	45	61.5	12.0	29	142	1			
LCS Shine (Check)	45	61.6	11.9	24	139	1	48	54	58
LCS Kraken AX	44	61.0	13.0	29	141	1			
Piranha CL+	42	62.8	12.7	29	142	1	42	51	51
<i>Kivari AX</i>	42	65.2	13.0	28	138	1			
<i>LCS Eclipse AX</i>	42	61.5	12.1	30	141	2			
Stingray CL+	40	61.4	14.4	27	142	2	44	48	
<i>WB4510CLP</i>	38	65.0	13.4	29	139	1			
<i>LCS Helix AX</i>	37	64.2	13.4	29	137	2			
LCS Shine (Small Seed)[†]	37	61.2	12.0	20	140	1			
VI Presto CL+	36	62.5	14.0	27	141	2	38	47	50
<i>Battle AX</i>	36	65.1	13.1	27	138	1	38		
LCS Hydra AX	35	63.0	12.7	26	142	1			
Curiosity CL+	34	63.0	12.9	28	144	1	37	43	46
Mela CL+	34	62.8	13.3	30	144	1	36	44	45
Appleby CL+	33	61.7	13.9	26	138	4	36	39	41
LCS Scorpion AX (LWWA19-0291)	28	63.3	13.3	24	140	1			
LCS Dagger AX	21	62.7	14.8	28	137	1			
Experimental Varieties									
UIL 17-7706 CL+	48	61.7	13.3	25	141	2	48		
LWWC21-5070	42	61.5	13.4	24	142	1			
WA8345 AX	41	63.1	13.4	29	139	2			
LWWA19-0287	37	62.6	12.9	28	141	2			
09PN118-02 CL2	36	61.1	14.0	28	142	2	37		
WA8346 AX	36	61.6	13.4	27	141	2			
WA8348 AX	35	62.8	14.4	27	142	1			
OR2190025CL+	35	60.9	14.1	25	141	3	37		
LWWA19-0294	34	64.0	14.0	27	135	1			
WA8347 AX	33	64.3	13.6	28	141	2			
ORI2190027CL+	32	61.8	13.4	23	141	5			
LWWA19-0293	30	63.1	14.0	26	134	1			
C.V. %	9	1.5	2.8	6	1	19	9	9	10
LSD (0.05)	5	1.3	0.5	2	1	1	4	4	4
Average	37	62.6	13.3	27	140	2	40	47	49
Highest	48	65.2	14.8	30	144	5	48	54	58
Lowest	21	60.9	11.9	20	134	1	36	39	41

[†] Seed Size: LCS Shine (Check) = 10,810 seed/lb; LCS Shine (Small Seed) = 13,432 seed/lb

Agronomic Information

Planting Date:	9/1/2022
Harvest Date:	7/18/2023
Seeding Rate (seeds/ac):	500,000
Previous Crop:	Fallow
Fall soil test:	
N (lb/ac) 4-ft sample	300
P ₂ O ₅ (lb/ac) 1-ft sample	167
S (lb/ac) 2-ft sample	29
pH (top 6 inches)	5.1

Herbicides: Brage HF (13oz) were applied on April 19, 2023.

Trial Notes:

1. The nursery was located approximately 3.5 miles northeast of Lind, WA.
2. The nursery was fertilized prior to seeding at a rate of 50N, 10S. No additional fertilizer was applied after fall soil sampling.
3. Yield was 20% lower and test weight was 0.4 lb/bu less compared to 2022.

*2022 data excluded from long term yield average due to late planting.

[‡]Cold Injury rating on 1-9 scale; 1=no injury, 9=dead

Cooperator: Bruce Sauer

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

Variety Name	2023						2 Year*	3 Year*	4 Year*
	Yield (Bu/A)	Test WT (Lbs/Bu)	Protein (%)	Plant HT (In)	Head Date	Cold Inj. [‡] Rating	Average (Bu/A)	Average (Bu/A)	Average (Bu/A)
