

2023 WSU Variety Testing Soft White Winter Wheat Trial, Harrington

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)
Released Varieties								
LCS Jefe	83	63.4	9.4	30	--	77	69	
<i>Castella</i>	77	62.3	9.5	34	--	73	68	65
Norwest Tandem	77	62.1	11.0	30	--	66	61	60
WB1621	77	63.3	9.5	33	--			
LCS Shine	76	61.5	9.8	27	--	74	69	64
GS Bounty	74	61.7	10.4	36	--	69		
WB1720	74	63.2	11.0	30	--			
VI Frost	74	62.3	10.7	32	--	66	62	60
AP Exceed	72	63.2	9.8	31	--	69		
Rollie (WA8334)	72	63.5	9.6	33	--	68	64	
Norwest Duet	71	63.1	10.8	36	--	66	61	62
WB1922	71	64.1	11.2	32	--			
TMC M-Press	70	62.6	10.3	31	--	68	64	62
Nimbus (OR2130755)	70	61.9	10.7	33	--	69	63	63
<i>Pritchett</i>	69	63.0	10.1	32	--	67	63	61
TMC M-Pire	68	61.9	10.3	29	--	63		
LCS Hulk	66	62.2	10.4	33	--	66	62	62
YSC-215	66	63.2	10.8	33	--	65	60	59
Jameson (WA8290)	65	62.1	10.1	36	--			
AP Dynamic	63	61.4	10.6	31	--	63	59	59
<i>ARS-Crescent</i>	62	61.6	10.6	28	--	60	59	60
LCS Kamiak (LWW17-5877)	61	62.3	11.3	29	--	58	57	
Devote	57	63.7	10.9	30	--	64	58	58
Otto	51	63.2	11.6	32	--	59	54	53
Experimental Lines								
UIL 14-211120A	75	61.0	10.5	33	--			
LWW19-5862	74	61.8	10.6	34	--	68		
UIL 17-995133B	73	63.1	9.5	33	--			
WA8364	73	64.1	11.2	31	--	66		
WA8394	73	63.0	9.8	30	--			
LWW19-6219	72	62.3	11.1	29	--	68		
<i>ARS15X1460-8CBW</i>	71	61.5	10.2	31	--			
UIL 16-478001	71	61.1	11.0	32	--	65		
<i>OR5180072</i>	69	62.0	10.4	29	--			
LWW20-2867	69	61.7	9.8	30	--			
WA8362	68	62.4	10.8	41	--	61		
YSC-217	67	63.2	10.7	31	--			
<i>ARS12X097-12C</i>	67	61.7	10.1	30	--	65		
WA8332	65	61.5	10.7	34	--			
LWW20-2383	65	63.1	11.4	30	--			
WA8395	64	62.0	10.4	36	--			
YSC-93	64	62.4	11.0	31	--	66	62	
<i>OR5180071</i>	62	63.0	10.5	27	--			
C.V.	7	1.0	5.17	5	--	10	10	12
LSD	6	0.9	0.7	2	--	6	5	5
Average	69	62.5	10.5	32	--	66	62	61
Highest	83	64.1	11.6	41	--	77	69	65
Lowest	51	61.0	9.4	27	--	58	54	53

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Agronomic Information

Planting Date:	9/8/2022
Harvest Date:	8/1/2023
Seeding Rate (seeds/ac):	500,000
Previous Crop:	Fallow
Fall soil test:	
N (lb/ac) 4-ft sample	137
P ₂ O ₅ (lb/ac) 1-ft sample	158
S (lb/ac) 2-ft sample	30
pH (top 6 inches)	4.9

Herbicides: 2-4,D (16oz) and Tilt (4oz) were applied on May 2, 2023.

Trial Notes:

1. The nursery was located approximately 8.5 miles southwest of Harrington, WA.
2. The nursery was fertilized prior to seeding by the cooperator at a rate of 60N, 8S. No additional fertilizer was applied after fall soil sampling.
3. Overall yield was 10% greater and test weight was equal to 2022.

Cooperator: Jordan Wagner