

2023 WSU Variety Testing Soft White Winter Wheat Trial, Pullman

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>								
GS Bounty	130	62.6	10.0	36	154	128		
Norwest Duet	127	62.4	10.2	38	158	132	110	117
LCS Jefe	127	62.4	9.1	33	153	120	105	
LCS Blackjack	126	60.7	10.0	33	154	134	115	121
AP Olympia (PN17MM604207)	125	63.3	10.5	34	152			
TMC M-Press	124	62.8	10.2	35	155	126	107	115
LCS Shine	123	62.2	9.7	30	152	129	111	118
<i>Castella</i>	120	62.5	10.2	30	154	99	90	101
LCS Artdeco	120	61.6	9.8	31	152			
SY Dayton	120	62.2	9.8	31	154	126	109	117
<i>Cameo</i>	120	61.9	10.8	32	155	115	101	110
AP Exceed	119	63.4	9.5	33	151	128	111	
AP Iliad	119	62.5	10.4	33	152	124	109	117
Purl	118	62.8	10.0	33	152	118	101	109
TMC M-Pire	118	62.5	9.9	31	153	115		
WB1922	115	64.2	11.0	35	157			
LCS Hulk	115	63.1	10.3	32	153	124	107	111
Inspire (WA8307)	115	62.0	10.1	34	156	123	108	116
VI Frost	115	62.8	10.6	35	153			
YSC-215	115	64.0	9.7	34	156	112	98	109
Nimbus (OR2130755)	115	62.5	10.9	35	153	115		
ARS-Selbu 2.0	114	63.1	11.0	32	156	118	101	
SY Assure	114	63.1	10.5	31	149	119		
Norwest Tandem	113	61.9	10.1	29	152	112	102	109
LCS Kamiak (LWW17-5877)	112	62.3	10.5	31	150	123	111	
WB1621	112	63.9	10.4	33	154	121		
<i>ARS-Crescent</i>	105	62.1	10.5	31	160	99	86	93
WB1720	104	62.7	11.2	31	152	114		
<b>Experimental Lines</b>								
WA8404	126	61.6	10.5	32	155			
WA8405	122	61.2	10.2	33	156			
UIL 17-995133B	122	62.9	9.8	32	152			
WA8398	120	61.6	10.5	33	155			
<i>ARS09X500CBW</i>	120	63.5	10.1	33	154	116	100	
YSC-93	119	63.0	10.1	33	152	119	102	
WA8397	119	61.7	10.1	31	155			
UIL14-211120A	118	61.6	10.1	33	153			
OR2160243	114	62.4	10.4	32	154			
<i>ARS14X1114RS-3CBW</i>	113	61.9	9.8	29	155			
LWW19-6219	113	62.8	10.7	33	154	122		
LWW20-3371	110	63.1	10.6	28	149			
LWW20-2383	110	62.3	10.6	34	151			
LWW20-2867	107	61.7	10.1	31	153			
C.V.	4	0.4	2.9	3	0	8	9	8
LSD	6	0.6	0.7	1	1	8	6	6
Average	117	62.5	10.2	32	154	120	104	112
Highest	130	64.2	11.2	38	160	134	115	121
Lowest	104	60.7	9.1	28	149	99	86	93

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Agronomic Information					Trial Notes:			
Planting Date:	10/5/2023			<div>1. The nursery was located approximately 3.5 miles southeast of Pullman, WA. 2. The nursery was fertilized prior to seeding by the cooperator at a rate of 180N, 20P, 20S. An additional 14N, 35P, 16K, 9S, 13Cl was applied at planting. 3. Yield was down 2% and test weight was 1.8 lb/bu more compared to 2022.</div>				
Harvest Date:	8/4/2023							
Seeding Rate (seeds/ac):	1,050,000							
Previous Crop:	Canola							
Fall soil test:								
N (lb/ac) 4-ft sample	435			Cooperator: Kurt Druffel				
P <sub>2</sub> O <sub>5</sub> (lb/ac) 1-ft sample	250							
S (lb/ac) 2-ft sample	77							
pH (top 6 inches)	4.8							

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

Brox-M (1pt) was applied on Nov 3, 2022.

WideARmatch (19.5oz), Powerflex (2oz), Huskie (12.5oz), Miravis Ace (7oz) were applied by the cooperator.

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