

2023 WSU Variety Testing Soft White Winter Wheat Trial, Fairfield

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 Shine	103	61.1	10.1	28	158	118	91	100
<i>Castella</i>	99	59.9	10.6	34	159	107	83	94
<i>Cameo</i>	98	60.2	11.4	32	159	108	86	97
LCS Jefe	98	61.8	9.3	31	158	116	90	
LCS Hulk	97	61.0	11.2	33	158	102	79	92
AP Exceed	97	62.2	10.3	33	155	100	78	
Norwest Duet	97	60.2	10.6	38	160	109	87	98
TMC M-Press	95	61.0	10.3	33	158	97	77	92
Norwest Tandem	95	60.2	11.5	29	156	112	85	98
GS Bounty	94	60.5	10.6	36	158	103		
Purl	93	61.9	11.0	33	157	102	79	92
LCS Blackjack	93	58.1	11.1	31	158	99	80	96
WB1621	93	63.0	10.6	31	157	99		
WB1720	91	60.8	12.2	31	158	94		
ARS-Selbu 2.0	91	61.2	11.3	33	160	100	78	
Inspire (WA8307)	91	58.5	11.3	35	159	110	86	97
SY Dayton	91	61.1	10.7	28	158	101	79	93
VI Frost	90	60.8	11.7	34	158			
AP Olympia (PN17MM604207)	89	62.0	11.2	32	157			
AP Iliad	89	60.7	11.3	30	157	97	77	92
<i>ARS-Crescent</i>	87	60.5	10.4	32	163	105	82	93
SY Assure	87	62.2	11.3	29	155	96		
TMC M-Pire	87	61.6	10.9	30	158	95		
YSC-215	86	62.1	10.9	32	160	100	76	86
Nimbus (OR2130755)	83	61.0	11.9	34	157	101		
WB1922	83	61.1	12.0	33	160			
LCS Kamiak (LWW17-5877)	81	61.5	11.6	29	155	93	75	
LCS Artdeco	78	59.4	10.6	29	157			
Experimental Lines								
WA8405	96	57.9	11.3	31	158			
YSC-93	95	60.8	11.1	33	156	103	82	
UIL 17-995133B	95	62.0	10.2	32	156			
<i>ARS14X1114RS-3CBW</i>	94	59.9	10.4	29	159			
UIL14-211120A	93	59.9	11.0	33	157			
LWW19-6219	92	61.0	11.9	32	158	95		
OR2160243	91	60.3	11.1	32	158			
LWW20-2383	91	61.3	11.8	32	155			
WA8404	90	58.8	11.5	32	159			
WA8398	90	59.5	11.2	32	158			
WA8397	90	58.8	11.1	32	158			
LWW20-2867	86	59.1	11.1	30	158			
<i>ARS09X500CBW</i>	85	62.6	10.5	31	159	100	79	
LWW20-3371	77	62.1	11.5	25	155			
C.V.	6	0.9	3.5	4	0.4	8	9	8
LSD	7	0.8	0.5	2	1	8	6	5
Average	91	60.7	11.0	32	158	103	82	94
Highest	103	63.0	12.2	38	163	118	91	100
Lowest	77	57.9	9.3	25	155	93	75	86

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Agronomic Information				Trial Notes:				
Planting Date:	10/4/2022		1. The nursery was located approximately 4.5 miles east of Fairfield, WA. 2. The nursery was fertilized at seeding at a rate of 124N, 35P, 26K, 29S, 13Cl. An additional 70N was applied on Nov 3, 2022. 3. Overall yield was 18% lower and test weight was 0.3 lb/bu greater than in 2022.					
Harvest Date:	8/9/2023							
Seeding Rate (seeds/ac):	1,050,000							
Previous Crop:	Canola							
Fall soil test:								
N (lb/ac) 4-ft sample	176							
P ₂ O ₅ (lb/ac) 1-ft sample	79							
S (lb/ac) 2-ft sample	47							
pH (top 6 inches)	4.9		Cooperator: Mike Roecks					

Herbicides: Zidua (4oz) was applied on Oct 17, 2022.

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

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

Cooperator: Mike Roecks