

2023 WSU Variety Testing Soft White Winter Wheat Trial, Walla Walla

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 Kamiak (LWW17-5877)	86	60.7	11.8	31	141	91		
Norwest Duet	86	60.1	11.4	36	144	81	95	98
LCS Jefe	85	60.5	10.4	30	143	88	101	
Sockeye CL+	85	59.8	10.7	36	144			
GS Bounty	83	58.5	12.3	36	144			
WB1922	83	61.6	12.1	34	146			
Inspire (WA8307)	81	57.0	11.6	33	144	81	94	102
LCS Shine	81	58.3	11.2	28	142	84	93	92
LCS Hulk	81	60.4	11.8	33	143	80	93	94
SY Assure	80	61.9	11.7	29	141	82	88	92
TMC M-Press	80	59.6	11.6	34	145	77	89	98
TMC M-Pire	80	61.2	11.6	29	144			
Rosalyn	79	58.5	10.7	31	144	80	86	92
LCS Artdeco	79	58.7	10.8	28	141	83	95	99
Purl	78	60.6	11.5	33	142	76	86	94
Cameo	78	57.1	12.9	31	144	79	92	98
LCS Blackjack	78	56.7	11.8	32	144	80	91	95
LCS Drive	78	58.1	11.4	25	141	82	85	85
Norwest Tandem	77	60.7	11.0	27	141	79	92	96
ARS-Selbu 2.0	76	61.1	11.4	31	144			
SY Dayton	76	60.2	11.4	30	143	77	87	97
Nimbus (OR2130755)	75	60.3	12.0	33	141	76	89	92
Nixon	75	60.3	11.3	32	142	80	85	89
WB1720	75	61.3	11.9	29	142			
AP Olympia (PN17MM604207)	75	60.3	11.6	32	143			
VI Frost	74	59.6	12.7	34	144			
Castella	74	58.6	11.7	31	143	74	83	92
WB1621	72	60.4	11.3	33	142			
AP Exceed	71	60.3	11.1	31	141	80		
ARS-Crescent	71	59.1	11.9	28	149	73	80	91
VI Shock	70	60.7	11.0	33	142			
AP Iliad	69	60.5	11.6	32	143	75	94	99
YSC-215	63	60.9	11.3	33	144	72	80	
Stephens	58	57.8	12.0	31	143	64	77	82
Experimental Lines								
LWW19-6219	83	60.4	11.9	33	144			
YSC-93	82	59.8	11.4	33	141	80		
WA8404	81	58.6	11.6	32	143			
WA8397	80	56.9	11.8	33	144			
UIL 14-211120A	80	58.1	11.9	33	144			
WA8398	79	59.0	11.8	31	144			
LWW20-2867	79	59.6	10.6	30	141			
WA8405	79	58.5	11.6	33	144			
LWW20-2383	78	61.8	11.5	30	141			
OR2180377	78	57.9	10.8	33	144			
OR2160264	75	59.1	12.0	31	143	75		

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CPX69217	74	58.9	11.7	30	141			
ARS09X500CBW	74	60.1	12.2	31	144	80		
LWW20-3371	74	60.0	11.9	26	141			
ARS14X1114RS-3CBW	74	58.6	11.9	29	144			
OR2170559	72	58.8	12.6	29	143	74		
UIL 17-995133B	72	61.2	10.5	32	143			
OR2160243	72	59.8	11.3	30	143	73		
OR5180072	71	58.0	12.8	29	143			
OR5180071	71	60.6	12.1	29	145	75		
C.V.	4	1.2	1.9	4	0.3	7	15	14
LSD	5	1.0	0.3	2	1	8	13	11
Average	77	59.6	11.6	31	143	79	89	95
Highest	86	61.9	12.9	36	149	91	101	102
Lowest	58	56.7	10.4	25	141	72	80	85

Agronomic Information

Planting Date:	10/6/2022
Harvest Date:	7/21/2023
Seeding Rate (seeds/ac):	900,000
Previous Crop:	Garbanzo Beans
Fall soil test:	
N (lb/ac) 4-ft sample	491
P ₂ O ₅ (lb/ac) 1-ft sample	217
S (lb/ac) 2-ft sample	45
pH (top 6 inches)	5.0

Trial Notes:

1. The nursery was located approximately 6 miles northeast of Walla Walla, WA.
2. The nursery was fertilized at seeding at a rate of 162N, 40P, 29K, 20S, 15Cl. No additional fertilizer was applied after fall soil sampling.
3. Yield was down 38% and test weight was 1.4 lb/bu lower compared to 2022.

*2023, 2021, 2020, & 2019 included in multi-year average.

Herbicides: Huskie (13oz), Quilt Xcel (8oz), and 90/10 (3.2oz) were applied by the cooperator.

Axial (16oz) was applied on May 4, 2023.

Cooperator: Jason Lynch & Jay Nowogroski