

2023 WSU Variety Testing Soft White Winter Wheat Trial, Creston

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								
WB1621	109	62.8	11.1	33	155			
LCS Blackjack	107	58.5	11.9	33	156	88		
Norwest Tandem	105	60.5	11.3	29	155	90	81	82
LCS Hulk	105	61.1	11.9	35	157	86	80	79
AP Exceed	105	60.9	10.8	34	153	97		
Rollie (WA8334)	104	61.5	11.4	36	159	93	85	
VI Frost	102	60.2	12.2	35	156	81	75	72
LCS Shine	102	61.1	10.1	31	154	80	73	79
AP Olympia (PN17MM604207)	101	61.9	11.6	32	156			
LCS Kamiak (LWW17-5877)	101	61.8	11.6	34	152	86	79	
Jameson (WA8290)	101	60.7	11.7	38	158			
GS Bounty	99	60.4	11.5	38	157	87		
Norwest Duet	99	59.4	11.6	39	158	92	83	79
Castella	98	61.5	11.6	35	157	95	84	82
LCS Jefe	98	58.7	10.7	33	156	86	78	
TMC M-Press	98	59.7	11.9	34	158	92	83	85
TMC M-Pire	97	60.3	11.6	30	156	89		
WB1922	93	61.4	12.5	35	160			
WB1720	92	60.8	11.7	31	157			
Nimbus (OR2130755)	92	60.7	12.3	36	155	79	70	76
AP Iliad	91	61.1	11.2	31	155	76		
Devote	89	62.0	12.0	34	159	82	74	76
YSC-215	87	61.1	11.4	35	157	74	68	70
Pritchett	85	60.4	12.0	34	159	80	73	76
ARS-Crescent	84	59.6	12.4	36	160	70	65	68
Otto	77	60.3	12.0	36	160	72	66	70
Experimental Lines								
UIL 17-995133B	107	61.7	10.4	35	155			
UIL 16-478001	102	59.8	11.7	35	158			
UIL 14-211120A	101	59.8	11.6	35	157			
LWW20-2867	100	60.0	10.3	31	156			
LWW19-5862	98	58.9	11.3	33	159			
LWW19-6219	96	61.2	12.2	33	156	86		
WA8332	96	59.9	11.7	36	159			
WA8395	95	59.4	11.1	37	159			
YSC-93	95	60.0	11.7	35	156	83	73	
OR5180072	94	60.2	12.7	32	158			
WA8364	93	61.9	12.0	33	159	79		
ARS12X097-12C	93	59.1	12.2	34	160	81		
WA8394	92	59.9	11.6	33	160			
YSC-217	88	61.3	12.0	34	159			
ARS15X1460-8CBW	86	59.8	12.9	34	159			
OR5180071	82	61.0	12.4	31	160	64		
C.V.	6	1.4	3.7	4	0.4	10	11	13
LSD	8	1.2	0.6	2	1	8	7	7
Average	96	60.5	11.7	34	157	83	76	77
Highest	109	62.8	12.9	39	160	97	85	85
Lowest	77	58.5	10.1	29	152	64	65	68

2023 WSU Variety Testing Soft White Winter Wheat Trial, Creston

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)

Agronomic Information

Planting Date:	9/20/2022
Harvest Date:	8/21/2023
Seeding Rate (seeds/ac):	900,000
Previous Crop:	Fallow
Fall soil test:	
N (lb/ac) 4-ft sample	201
P ₂ O ₅ (lb/ac) 1-ft sample	196
S (lb/ac) 2-ft sample	32
pH (top 6 inches)	5.0

Trial Notes:

1. The nursery was located approximately 5 miles north of Creston, WA.
2. The nursery was fertilized at seeding at a rate of 96N, 40P, 10K, 20S. An additional 70N was applied on Nov 1, 2022.
3. Yield was up 35% and test weight was down 1.2 lb/bu compared to 2022.

Cooperator: Dan Krause

Herbicides: Osprey Xtra (4.75oz), Huskie (15oz), Miravis Ace (7oz), and Tilt (2oz) were applied on May 8, 2023.