

2022 WSU Variety Testing Soft White Winter Wheat Trial, Reardan

Variety Name <i>Club Italicized</i>	2022					2 Year	3 Year	5 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								
<i>Pritchett</i>	120	62.0	10.8	38	-	88	95	99
Sockeye CL+	118	61.9	11.5	40	-			
Norwest Duet	115	62.2	10.0	42	-	88	97	100
Norwest Tandem	115	62.3	10.2	33	-	88	93	100
LCS Sonic	107	62.2	11.1	35	-	82	94	101
Devote	106	63.3	10.2	37	-	87	92	96
<i>Castella</i>	106	63.6	10.3	41	-	83	93	97
Stingray CL+	105	62.0	11.3	35	-	85	89	
Piranha CL+	105	62.1	11.1	42	-	87	94	
<i>ARS-Crescent</i>	104	61.8	10.7	38	-	81	95	100
Curiosity CL+	104	62.7	10.9	39	-	75	82	89
LCS Shine	103	62.3	10.5	31	-	82	92	101
Otto	103	61.7	10.6	38	-	82	88	91
LCS Hulk	103	63.2	11.2	34	-	81	88	94
Mela CL+	99	62.0	11.1	40	-	71	82	91
AP Dynamic	97	61.4	10.8	35	-	78	85	
TMC M-Press	97	62.6	10.5	36	-	84	96	100
LCS Blackjack	96	61.2	10.3	34	-			
AP Exceed	95	63.3	10.8	36	-			
LCS Jefe (LWW17-8185)	95	62.5	10.2	34	-	81		
YSC-215	91	62.3	11.0	35	-	70	80	
VI Presto CL+	87	63.3	11.4	37	-	74	84	
TMC M-Pire (TMC2021SWW)	86	63.1	11.2	33	-			
VI Frost	83	62.5	11.1	36	-	71	80	87
WB1529	78	64.4	12.6	35	-	69	75	84
Appleby CL+	77	62.7	12.0	36	-	68	76	
UI Magic CL+	73	62.6	12.5	32	-	63	77	85
VI Voodoo CL+	71	61.2	11.9	28	-	64		
AP Iliad	69	61.7	12.4	33	-			
Experimental Lines								
WA8345 AX	112	62.8	11.0	40	-			
GS3	110	62	10.4	40	-			
<i>ARS12097-12C</i>	109	61.7	10.3	38	-			
WA8346 AX	109	62.4	10.6	41	-			
LWW19-6591	105	63.1	10.9	34	-			
LWW19-2232	104	61.5	10.6	43	-			
<i>ARS13659-4C</i>	103	61.9	11.7	48	-			
WA8363	102	62.8	10.7	37	-			
LWW19-6219	102	62.6	11.7	36	-			
WA8364	102	63.7	10.3	36	-			
<i>ARS141114-64C</i>	100	62.9	11.3	44	-			
WA8348 AX	97	63.3	11.3	40	-			
YSC-93	97	61.7	11.1	38	-	79		
WA8334	95	63.0	10.1	36	-	84		
UIL 15-028024	95	62.8	11.2	36	-			
UIL 14-085001A	93	61.1	11.3	38	-			
WA8347 AX	93	63.5	12.2	38	-			

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UIL 17-7706 CL+	93	62.1	11.7	35	-	76		
09PN118-02 CL2	93	62.3	11.0	34	-	79		
OR5180071	92	62.0	11.0	33	-			
OR2130755	92	62.3	11.3	39	-	75		
WA8365	89	63.1	10.5	33	-			
LWW17-5877	82	62.3	12.2	32	-	71		
OR2190025 CL+	75	61.4	11.2	33	-	69		
OR2190027 CL+	75	60.6	12.4	33	-			
C.V.	8	0.8	5.2	5	-	11	9	8
LSD	15	1.1	1.3	4	-	10	8	6
Average	97	62.4	11.1	37	-	78	88	95
Highest	120	64.4	12.6	48	-	88	97	101
Lowest	69	60.6	10.0	28	-	63	75	84

Agronomic Information

Planting Date:	9/14/2021
Harvest Date:	8/19/2022
Seeding Rate (seeds/ft ²):	21.5
Previous Crop:	Fallow
Spring soil test:	
N (lb/ac) 4-ft sample	163
P ₂ O ₅ (lb/ac) 1-ft sample	138
S (lb/ac) 2-ft sample	15
pH (top 6 inches)	5.0

Herbicides: Zidua (4oz) was applied on September 16.

Olympus (0.9oz), Bronate (22oz), LIXP (0.1oz), Tilt (4oz), Azoxystrobin (4oz), and Urea (2gal) applied by the cooperator.
Nexicor (13oz) was applied on June 17.

Trial Notes:

1. The nursery was located approximately 4 miles west of Reardan, Wa.
2. The nursery was not fertilized prior to seeding. A rate of 142N, 2P was applied on November 16 after fall soil sampling.
3. Overall yield was 62% greater and test weight was 3.8 lb/bu more than 2021.
4. Late winter freeze damage occurred on entries that broke dormancy early and affected rankings.

Cooperator: Jim Baye