

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

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

**Agronomic Information**

Planting Date:	9/14/2021
Harvest Date:	8/19/2022
Seeding Rate (seeds/ft <sup>2</sup> ):	21.5
Previous Crop:	Fallow
Spring soil test:	
N (lb/ac) 4-ft sample	163
P <sub>2</sub> O <sub>5</sub> (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**