

2022 WSU Variety Testing Soft White Winter Wheat Trial, St. John

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	Lodging (%)	Average (Bu/A)	Average (Bu/A)	Average (Bu/A)
<b>Released Varieties</b>									
LCS Shine	142	61.5	10.7	37	162	27			
LCS Blackjack	134	60.7	10.6	41	165	0			
LCS Hulk	131	62.3	11.1	43	165	23			
Purl	129	62.1	11.1	42	162	40			
AP Exceed	127	62.1	10.9	42	160	20			
VI Presto CL+	127	63.0	10.9	46	166	20			
AP Dynamic	126	61.5	11.0	44	166	0			
SY Dayton	125	62.3	10.8	43	163	3			
Resilience CL+	124	61.8	11.0	41	165	0			
VI Voodoo CL+	123	61.2	10.6	36	164	0			
Stingray CL+	123	61.1	10.8	40	165	10			
ARS-Selbu 2.0	122	62.8	11.2	44	167	13			
LCS Jefe (LWW17-8185)	121	61.7	10.0	42	164	3			
Cameo (ARSX09492-6C)	120	61.6	10.9	46	165	10			
Norwest Duet	119	61.3	10.1	48	167	30			
Appleby CL+	119	62.5	10.7	43	163	0			
WB1720	119	63.5	10.9	44	168	17			
TMC M-Press	118	61.4	10.7	42	165	3			
WB1621	116	64.2	10.6	44	164	42			
TMC M-Pire (TMC2021SWW)	114	62.6	10.9	38	163	0			
Piranha CL+	114	60.5	10.3	44	165	58			
SY Assure	114	61.6	11.3	41	161	17			
WB1529	111	62.6	11.3	42	163	28			
Norwest Tandem	110	60.8	10.6	38	163	0			
AP Iliad	108	60.9	11.7	42	162	33			
ARS-Crescent	106	61.9	10.4	43	169	60			
Sockeye CL+	105	59.7	10.0	44	165	68			
Pritchett	101	59.4	10.5	44	167	63			
UI Magic CL+	96	61.4	11.0	38	163	0			
Castella	91	62.7	12.4	45	164	60			
YSC-215	86	57.4	10.4	44	165	17			
<b>Experimental Lines</b>									
UIL14-085001A	134	61.0	10.3	43	166	7			
WA8336	126	60.5	10.4	41	166	33			
WA8307	126	61.5	11.3	45	167	17			
UIL17-7706 CL+	124	62.3	10.6	41	165	23			
LWW19-6591	123	61.2	10.5	44	164	27			
LWW19-6219	122	62.0	11.3	42	165	7			
GS3	121	60.8	10.7	46	166	23			
09PN118-02 CL2	120	61.2	10.7	42	166	17			
UIL15-028024	120	63.1	9.9	43	167	13			
LWW17-5877	120	61.9	11.3	40	161	27			
OR2190025CL+	117	61.5	11.4	40	162	7			
OR2130755	117	61.9	11.2	47	164	0			
ARSX09500-17CBW	117	63.0	10.8	44	164	30			
WA8346 AX	111	61.2	10.7	46	165	40			
YSC-93	109	61.2	10.1	43	163	50			
WA8370	108	62.3	10.7	43	164	17			
WA8366	107	60.4	10.6	43	167	47			
WA8349 AX	106	62.4	11.4	46	161	50			
OR5180071	105	62.0	10.9	39	168	3			

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OR2190027 CL+	104	61.9	11.8	39	163	13			
WA8345 AX	103	61.5	11.0	45	166	45			
WA8347 AX	100	63.4	11.3	47	164	33			
ARS14DH1014-C	91	60.5	10.8	42	168	73			
C.V.	6	0.9	3.3	4	1	91			
LSD	13	1.3	0.7	4	2	36			
Average	116	61.6	10.8	43	165	23			
Highest	142	64.2	12.4	48	169	73			
Lowest	86	57.4	9.9	36	160	0			

**Agronomic Information**

Planting Date:	9/20/2021
Harvest Date:	8/29/2022
Seeding Rate (seeds/ft <sup>2</sup> ):	21.5
Previous Crop:	Fallow
Spring soil test:	
N (lb/ac) 4-ft sample	292
P <sub>2</sub> O <sub>5</sub> (lb/ac) 1-ft sample	108
S (lb/ac) 2-ft sample	33
pH (top 6 inches)	5.0

**Herbicides:** Zidua (4oz) was applied on October 18.

Powerflex (2oz), Huskie (13oz), Slant (4oz), and M90 (1qt/100gal) were applied by the cooperator.

**Trial Notes:**

1. The nursery was located approximately 3 miles southeast of St. John, Wa.
2. The nursery was fertilized prior to seeding at a rate of 95N, 15P, 15K. No additional fertilizer was applied after fall soil sampling.
3. Overall yield was 25% greater and test weight was 3.7 lb/bu more than 2021.

**Cooperator: Rod Mills**