

2022 WSU Variety Testing Soft White Winter Wheat Trial, Fairfield

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>	131	59.4	10.6	45	175	80	96	
<i>Castella</i>	127	62.4	11.5	43	174	80	95	89
Norwest Tandem	127	60.5	11.1	36	171	80	98	92
LCS Shine	126	59.8	10.9	37	173	83	99	
Norwest Duet	125	61.1	11.1	45	177	76	97	92
<i>Cameo (AR SX09492-6C)</i>	125	60.3	11.8	42	175	83	98	
LCS Jefe (LWW17-8185)	123	61.0	9.7	38	173	83		
Piranha CL+	122	60.5	11.1	42	173	82	102	
Stingray CL+	120	60.0	11.4	39	173	79	97	89
YSC-215	119	60.3	11.2	41	174	70	85	
<i>ARS-Crescent</i>	117	60.9	10.9	43	177	77	93	91
Sockeye CL+	116	59.8	11.3	41	174	82	100	
SY Dayton	113	59.9	11.2	38	172	75	95	88
VI Voodoo CL+	111	60.1	10.8	36	173	74	93	
Resilience CL+	110	61.0	11.3	40	174	74	90	83
Purl	108	61.2	11.5	40	173	70	91	85
AP Iliad	108	60.2	11.8	39	171	73	94	
LCS Hulk	108	60.9	11.5	40	174	71	90	88
WB1529	107	62.4	11.9	38	172			
SY Assure	107	60.0	12.1	38	169			
AP Exceed	106	60.4	11.4	35	171	64		
Appleby CL+	105	61.2	11.8	39	173			
UI Magic CL+	104	60.7	11.6	36	173	72	84	
WB1621	104	62.0	12.1	37	174			
WB1720	104	60.9	12.6	40	176			
ARS-Selbu 2.0	102	61.8	12.4	40	175	69		
TMC M-Press	101	59.3	11.1	40	173	68	91	87
TMC M-Pire (TMC2021SWW)	100	60.4	11.0	36	171			
LCS Blackjack	100	57.7	11.6	37	173	72	96	93
AP Dynamic	98	58.9	11.1	40	174	68	89	
VI Presto CL+	92	60.4	12.0	42	175	66		
Experimental Lines								
<i>ARS14DH1014-C</i>	131	60.1	10.9	42	176			
WA8345 AX	127	61.6	11.1	43	173			
WA8307	126	60.0	11.9	42	177	82	99	
WA8336	124	58.3	10.2	37	173	83		
UIL15-028024	119	62.0	11.7	38	176	76		
WA8346 AX	118	61.7	10.9	43	174			
OR2130755	115	60.5	11.6	45	172			
UIL17-7706 CL+	115	60.1	11.2	39	173	76		
GS3	115	59.4	10.6	43	174			
YSC-93	114	60.7	10.8	40	173	77		
<i>ARSX09500-17CBW</i>	112	61.9	11.5	40	174	75		
UIL14-085001A	110	59.6	11.4	41	176			
LWW19-6591	110	60.0	11.2	38	173			
LWW17-5877	108	59.0	11.9	36	171	66		
OR5180071	108	61.0	10.9	37	176			
WA8347 AX	106	62.1	11.8	43	171			
WA8370	104	61.5	11.0	39	173			
LWW19-6219	103	60.6	11.6	39	174			

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WA8349 AX	100	60.6	11.6	41	170			
WA8366	94	59.4	11.7	39	176			
OR2190025CL+	91	58.7	11.9	37	171	68		
09PN118-02 CL2	86	59.6	11.9	39	173	60		
OR2190027 CL+	84	58.5	12.5	38	172			
C.V.	7	1.2	3.7	4	1	9	7	10
LSD	16	1.6	0.9	3	2	8	6	6
Average	111	60.4	11.4	40	173	75	94	88
Highest	131	62.4	12.6	45	177	83	102	93
Lowest	84	57.7	9.7	35	169	60	84	79

Agronomic Information

Planting Date:	9/17/2021
Harvest Date:	8/17/2022
Seeding Rate (seeds/ft ²):	23.75
Previous Crop:	Canola
Spring soil test:	
N (lb/ac) 4-ft sample	147
P ₂ O ₅ (lb/ac) 1-ft sample	171
S (lb/ac) 2-ft sample	21
pH (top 6 inches)	5.1

Herbicides: Anthem Flex (3.75oz) was applied on October 18.

Talinor (13.8oz), Axial Bold (15oz), and Aquila XL (6oz) were applied on May 11.

Nexicor (13oz) was applied on June 22.

Trial Notes:

1. The nursery was located approximately 5 miles southeast of Rockford, WA.
2. The nursery was fertilized at planting at a rate of 118N, 20P, 5K, 25S, 4Cu. An additional 81N was applied on November 8.
3. Overall yield was 200% greater and test weight was 1.3 lb/bu more than 2021.

Cooperator: Mike Roecks