

2022 WSU Variety Testing Soft White Winter Wheat Trial, Pullman

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)
Released Varieties									
LCS Blackjack	139	60.4	11.9	41	171	0			
LCS Shine	138	61.4	11.4	37	169	0			
Norwest Duet	136	60.8	11.6	48	172	0			
LCS Hulk	136	62.4	11.8	41	170	0			
AP Exceed	133	62.0	11.6	41	167	0			
AP Dynamic	128	60.4	11.7	42	171	0			
SY Dayton	128	60.9	11.5	40	168	3			
Resilience CL+	128	60.7	11.4	40	172	0			
ARS-Selbu 2.0	128	61.5	11.8	42	172	0			
WB1621	127	63.5	11.7	43	170	10			
Piranha CL+	127	59.9	11.5	45	170	47			
SY Assure	126	60.6	12.0	40	165	0			
AP Iliad	123	60.2	11.8	42	168	3			
TMC M-Press	122	60.9	11.6	41	170	0			
Stingray CL+	122	59.7	11.8	42	171	0			
WB1720	122	62.7	12.3	44	173	0			
Purl	119	60.2	11.7	44	169	10			
VI Presto CL+	119	62.2	11.6	46	171	0			
VI Voodoo CL+	117	59.1	11.3	36	169	0			
Appleby CL+	116	62.3	11.6	43	169	0			
LCS Jefe (LWW17-8185)	116	60.6	10.7	42	170	0			
Sockeye CL+	116	59.3	11.2	44	171	57			
WB1529	115	62.9	11.6	41	167	0			
Norwest Tandem	114	58.9	11.4	37	169	0			
Pritchett	114	58.6	12.0	45	173	43			
Cameo (ARSX09492-6C)	112	59.4	13.0	43	172	30			
TMC M-Pire (TMC2021SWW)	111	61.4	12.2	35	168	0			
YSC-215	108	59.0	11.2	43	171	3			
UI Magic CL+	100	59.4	11.2	39	169	0			
ARS-Crescent	100	60.3	11.9	43	174	63			
Castella	90	61.5	13.5	44	171	80			
Experimental Lines									
WA8307	137	60.3	12.8	45	172	20			
LWW19-6591	134	60.9	11.8	41	170	0			
UIL14-085001A	133	59.7	12.0	43	173	23			
OR2130755	131	60.9	11.8	46	170	0			
LWW17-5877	130	60.4	11.9	40	167	3			
UIL15-028024	130	63.2	11.0	42	173	0			
LWW19-6219	128	60.9	11.9	42	170	0			
GS3	126	59.6	11.7	43	171	0			
09PN118-02 CL2	123	61.0	11.7	41	172	0			
YSC-93	120	60.1	11.5	42	169	53			
UIL17-7706 CL+	119	60.8	11.6	39	170	0			
WA8345 AX	118	61.3	12.3	44	171	43			
OR5180071	117	62.0	12.1	41	173	0			
WA8336	114	58.6	11.1	39	170	83			
ARSX09500-17CBW	114	61.7	12.3	42	169	30			
WA8346 AX	113	60.1	12.0	41	172	57			
WA8349 AX	109	61.9	12.3	43	166	70			
WA8366	108	59.6	12.0	42	173	30			
WA8370	107	61.1	11.5	41	170	27			
OR2190025CL+	107	59.0	12.7	40	167	0			
WA8347 AX	104	62.1	12.5	44	169	53			

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OR2190027 CL+	102	61.0	12.5	42	168	3			
ARS14DH1014-C	99	60.4	11.8	43	173	77			
C.V.	8	1.0	2.2	3	0	33			
LSD	20	1.3	0.6	3	2	10			
Average	120	60.7	11.8	42	170	17			
Highest	139	63.5	13.5	48	174	83			
Lowest	90	58.6	10.7	35	165	0			

Agronomic Information

Planting Date:	9/24/2021
Harvest Date:	8/27/2022
Seeding Rate (seeds/ft ²):	23.75
Previous Crop:	Canola
Spring soil test:	
N (lb/ac) 4-ft sample	406
P ₂ O ₅ (lb/ac) 1-ft sample	421
S (lb/ac) 2-ft sample	116
pH (top 6 inches)	4.4

Trial Notes:

1. The nursery was located approximately 4 miles southeast of Pullman, Wa.
2. The nursery was fertilized prior to seeding at a rate of 110N, 30K, 25S, .25B. No additional fertilizer was applied after fall soil sampling.
3. Overall yield was 62% greater and test weight was 5.3 lb/bu more than 2021.

Cooperator: Kurt Druffel

Herbicides: Anthem Flex (4.25oz) and Amber (0.56oz) were applied by the cooperator on October 13.

Widematch (16oz), Tarsec (1oz), Huskie (12.5oz), Nexicor (5oz), Induce (1qt/100gal) and Standxtra/Coron/Urea (8gal) were applied by the cooperator.

Standxtra/Coron/Urea (4gal) and Nexicor (7oz) were applied by the cooperator at flagleaf.

