

2022 WSU Variety Testing Soft Winter Wheat Trial, Dusty

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 Shine	151	60.2	10.3	35	158	0			
YSC-215	142	62.1	10.4	42	160	0			
AP Exceed	139	62.9	10.7	39	157	0			
Norwest Duet	138	60.3	10.3	46	162	0			
WB1621	137	64.4	10.4	39	160	23			
<i>Cameo (ARSX09492-6C)</i>	137	61.0	10.9	42	159	0			
LCS Blackjack	134	59.8	11.1	36	160	0			
ARS-Selbu 2.0	133	62.4	11.3	40	161	3			
AP Dynamic	133	60.1	11.3	41	161	0			
WB1529	131	63.8	11.1	39	158	3			
SY Dayton	130	61.3	10.6	38	159	3			
TMC M-Press	129	61.3	10.8	41	160	0			
Piranha CL+	129	62.6	10.1	41	159	23			
<i>ARS-Crescent</i>	127	61.6	10.5	42	163	0			
LCS Hulk	127	62.6	10.8	39	159	0			
Norwest Tandem	126	60.9	10.7	34	159	0			
<i>Castella</i>	126	62.7	11.0	41	160	63			
LCS Jefe (LWW17-8185)	126	61.5	9.8	38	160	0			
TMC M-Pire (TMC2021SWW)	126	62.9	10.4	36	159	3			
<i>Pritchett</i>	125	59.0	11.0	40	161	0			
AP Iliad	125	61.3	11.4	38	158	0			
Purl	124	61.8	10.6	41	158	0			
Sockeye CL+	124	60.7	10.3	39	160	37			
Resilience CL+	123	61.8	10.8	38	161	0			
SY Assure	122	62.2	11.1	34	157	0			
Stingray CL+	122	60.7	11.4	39	160	3			
WB1720	120	63.4	11.0	44	163	0			
VI Voodoo CL+	119	60.7	10.4	32	161	0			
VI Presto CL+	117	63.5	10.6	44	161	0			
Appleby CL+	115	62.6	11.3	39	159	0			
UI Magic CL+	111	62.0	10.9	35	160	0			
Experimental Lines									
WA8307	141	59.9	10.6	43	161	7			
LWW19-6219	140	61.1	11.6	40	160	3			
LWW19-6591	135	62.1	10.9	38	161	0			
GS3	135	59.5	11.5	44	161	10			
<i>ARS14DH1014-C</i>	133	60.3	10.2	41	161	50			
WA8336	131	59.0	9.7	36	160	0			
LWW17-5877	130	61.9	10.7	36	158	0			
<i>ARSX09500-17CBW</i>	130	62.9	11.1	41	160	7			
UIL15-028024	128	63.3	10.4	40	163	0			
UIL14-085001A	128	60.2	11.1	40	162	0			
WA8370	126	62.7	10.6	38	161	0			
09PN118-02 CL2	125	62.2	11.2	39	160	0			
WA8346 AX	124	60.7	11.7	42	161	13			
UIL17-7706 CL+	124	61.6	10.8	37	161	0			
WA8345 AX	124	61.6	11.8	43	160	0			
WA8347 AX	123	62.5	12.0	44	159	33			
YSC-93	122	60.7	10.7	39	160	17			
OR5180071	122	61.9	10.5	38	163	13			

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WA8366	122	60.8	10.9	42	161	7			
OR2130755	120	61.8	10.9	43	160	0			
WA8349 AX	119	62.5	11.4	40	157	37			
OR2190025CL+	109	60.8	11.1	37	159	3			
OR2190027 CL+	102	62.0	11.6	38	159	7			
C.V.	5	0.8	3.3	4	1	201			
LSD	14	1.0	0.8	3	2	30			
Average	127	61.6	10.9	40	160	7			
Highest	151	64.4	12.0	46	163	63			
Lowest	102	59.0	9.7	32	157	0			

Agronomic Information

Planting Date:	9/17/2021
Harvest Date:	7/28/2022
Seeding Rate (seeds/ft ²):	21.5
Previous Crop:	Fallow
Spring soil test:	
N (lb/ac) 4-ft sample	172
P ₂ O ₅ (lb/ac) 1-ft sample	179
S (lb/ac) 2-ft sample	20
pH (top 6 inches)	5.4

Trial Notes:

1. The nursery was located approximately 3 miles southeast of LaCrosse, WA.
2. The nursery was fertilized at planting at a rate of 12n, 31P, 8K, 8S, 6Cu. An additional 70N was applied on November 16.
4. Overall yield was 186% greater and test weight was 3.4 lb/bu more than 2021.

Cooperator: Tyler Startin

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

Tarzac, Widematch, Nexicor, N-demand (1 gal/ac), and Rally (5 gal/ac) were applied by the cooperator.

Nexicor was flown on May 26.