

2022 WSU Variety Testing Soft White Winter Wheat Trial, Dayton

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								
TMC M-Pire (TMC2021SWW)	116	60.3	11.5	34	156			
SY Assure	115	61.4	11.0	34	153			
WB1529	112	61.9	10.8	34	155	111	105	110
TMC M-Press	112	59.7	10.5	37	159	117	114	
Sockeye CL+	111	58.7	11.0	42	158	118		
AP Exceed	111	60.4	10.2	37	154			
SY Dayton	110	59.3	10.8	36	160	118	114	120
WB1621	110	62.3	10.6	37	156			
AP Iliad	110	60.2	10.7	36	154	116		
AP Dynamic	109	58.2	11.2	39	163	117		
Norwest Tandem	109	59.5	10.8	31	154	116	112	123
VI Voodoo CL+	108	59.1	11.3	33	157	116		
LCS Jefe (LWW17-8185)	107	58.2	10.7	36	158			
LCS Blackjack	105	57.6	11.1	35	159	113	113	
YSC-215	103	60.1	10.2	39	160	102		
ARS-Selbu 2.0	102	59.8	12.0	38	160			
LCS Shine	100	58.0	11.3	31	155	111	106	
Resilience CL+	100	59.6	12.5	37	159	106	102	111
Purl	100	59.0	11.4	37	156	113	107	113
Norwest Duet	98	57.4	11.6	41	160	108	106	112
Piranha CL+	98	59.4	11.1	41	158	110		
LCS Hulk	97	58.6	12.3	38	161	107	105	109
Stingray CL+	97	57.7	12.7	38	159	108	106	
Cameo (ARSX09492-6C)	97	57.6	11.9	40	161	109		
WB1720	97	59.1	12.6	39	162			
UI Magic CL+	96	60.3	11.2	36	159	106	104	110
Appleby CL+	96	59.5	11.8	37	156	100	97	
VI Presto CL+	92	61.0	11.5	39	159			
Pritchett	92	57.2	11.3	41	162	111		
ARS-Crescent	85	57.3	11.0	40	164	104	100	103
Castella ¹	--	59.8	11.3	40	156	105		
Experimental Lines								
OR2190027 CL+	114	62.4	11.0	36	155			
LWW17-5877	111	59.5	11.6	34	155			
LWW19-6219	111	60.1	11.0	38	161			
GS3	107	58.7	11.0	40	160			
LWW19-6591	107	60.1	11.4	35	159			
YSC-93	107	58.2	10.6	36	156			
ARSX09500-17CBW	105	60.9	11.1	38	156			
WA8370	104	60.0	11.0	37	158			
OR2130755	100	58.6	11.9	39	156			
OR2190025CL+	99	58.4	12.0	34	154			
WA8345 AX	98	58.8	11.4	37	158			
09PN118-02 CL2	98	57.9	12.6	38	160			
WA8307	97	56.1	12.3	40	161	107		
UIL17-7706 CL+	96	59.1	12.0	36	158			
WA8336	96	55.5	10.3	36	159			
WA8366	93	57.3	12.0	38	163			
UIL15-028024	93	60.3	11.2	38	162			

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WA8346 AX	92	57.7	11.3	39	158			
UIL14-085001A	89	56.4	12.1	38	161			
OR5180071	83	58.3	11.9	33	164			
WA8349 AX	82	59.0	12.6	39	157			
WA8347 AX	79	59.6	12.7	41	161			
ARS14DH1014-C ¹	--	57.9	11.4	40	163			
C.V.	7	1.7	7.3	4	1	7	7	6
LSD	13	2.2	1.8	3	3	9	7	5
Average	100	59.1	11.4	37	158	110	106	112
Highest	116	62.4	12.7	42	164	118	114	123
Lowest	72	55.5	10.2	31	153	100	97	103

¹ Data not shown due to deer grazing

*2019 data not included in 5 year average.

Agronomic Information

Planting Date:	9/30/2021
Harvest Date:	9/13/2022
Seeding Rate (seeds/ft ²):	21.5
Previous Crop:	Billy Beans
Spring soil test:	
N (lb/ac) 4-ft sample	373
P ₂ O ₅ (lb/ac) 1-ft sample	213
S (lb/ac) 2-ft sample	31
pH (top 6 inches)	5.0

Herbicides: Zidua (4oz) was applied on November 8.

Rally, Osprey Xtra, Huskie, Rapport, and Nexicor Xemium were applied by the cooperator.

Trial Notes:

1. The nursery was located approximately 7.5 miles northwest of Dayton, WA.
2. The nursery was fertilized prior to seeding at a rate of 120N, 12P, 21K, 15S, 16Cl, .25Zn, .25B. No additional fertilizer applied after fall soil sampling.
3. Overall yield was 19% lower and test weight was 3.6 lb/bu less than 2020 (data not published from 2021).

Cooperator: Kirk & Deb Fortner