

2022 WSU Variety Testing Soft White Winter Wheat Trial, Anatone

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								
LCS Shine	85	58.7	6.7	33	165			
TMC M-Press	80	59.3	6.7	34	164			
<i>ARS-Crescent</i>	80	60.4	6.5	41	170			
YSC-215	80	60.9	6.9	35	166			
Norwest Tandem	80	60.7	7.0	32	163			
Sockeye CL+	78	59.9	6.8	39	166			
LCS Jefe (LWW17-8185)	78	60.6	6.5	35	167			
LCS Hulk	78	60.7	7.2	33	166			
<i>Pritchett</i>	78	59.4	6.4	36	166			
Piranha CL+	78	60.3	6.7	37	164			
Mela CL+	76	61.4	6.8	41	171			
AP Exceed	75	60.7	6.6	34	162			
Otto	75	60.4	7.0	40	171			
<i>Castella</i>	74	61.1	7.1	42	164			
Devote	73	62.1	7.2	35	169			
Curiosity CL+	72	61.0	6.8	38	171			
Norwest Duet	72	60.8	6.7	42	168			
TMC M-Pire (TMC2021SWW)	71	60.7	7.4	33	161			
LCS Blackjack	70	57.2	7.1	34	166			
UI Magic CL+	70	60.8	7.4	33	162			
WB1529	70	62.2	7.7	35	163			
LCS Sonic	68	58.9	7.0	36	164			
Stingray CL+	68	60.3	6.7	33	164			
VI Frost	68	60.3	7.4	36	166			
VI Presto CL+	67	61.1	7.3	37	166			
AP Iliad	66	59.5	7.5	35	163			
VI Voodoo CL+	65	59.2	7.2	31	163			
Appleby CL+	63	61.0	7.8	33	162			
AP Dynamic	63	60.4	7.3	37	168			
Experimental Lines								
<i>ARS12097-12C</i>	79	60.4	6.3	42	171			
WA8348 AX	78	60.4	6.5	40	165			
LWW19-6219	77	61.0	7.5	35	166			
YSC-93	76	60.0	6.8	37	164			
WA8347 AX	76	60.9	7.1	41	165			
WA8363	76	60.9	6.9	38	166			
LWW17-5877	75	60.4	7.6	31	159			
WA8334	74	61.5	6.8	39	171			
GS3	74	59.7	6.6	38	166			
WA8346 AX	73	59.8	6.7	39	165			
LWW19-6591	73	60.0	7.1	35	165			

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LWW19-2232	73	60.8	6.6	42	166			
UIL 17-7706 CL+	73	60.8	7.4	36	165			
OR2130755	72	60.3	6.8	40	165			
WA8345 AX	71	60.2	6.8	39	166			
OR2190027 CL+	71	59.6	7.4	35	162			
ARS141114-64C	71	61.7	6.9	50	166			
WA8364	70	61.2	6.4	35	167			
UIL 15-028024	69	61.4	7.4	37	169			
WA8365	69	60.9	6.6	32	168			
OR5180071	68	60.8	7.1	32	168			
ARS13659-4C	67	59.9	7.3	48	171			
UIL 14-085001A	67	60.1	7.1	39	167			
09PN118-02 CL2	64	59.9	7.4	34	167			
OR2190025 CL+	62	58.1	7.5	33	161			
C.V.	8	0.6	4.0	4	1			
LSD	11	0.8	0.5	3	3			
Average	73	60.4	7.0	37	166			
Highest	85	62.2	7.8	50	171			
Lowest	62	57.2	6.3	31	159			

Agronomic Information

Planting Date:	9/16/2021
Harvest Date:	8/8/2022
Seeding Rate (seeds/ft ²):	21.5
Previous Crop:	Fallow
Spring soil test:	
N (lb/ac) 2-ft sample	158
P ₂ O ₅ (lb/ac) 1-ft sample	117
S (lb/ac) 2-ft sample	16
pH (top 6 inches)	6.3

Herbicides: Zidua (4oz) was applied on September 17.

Metribuzin (3oz) was applied on November 2.

Osprey Xtra (4.75oz), Huskie (15oz), Miravis Ace (7oz), Tilt (2oz), and Thiosulfate (0.5 gal/ac) were applied on March 24.

Metribuzin (3oz) was applied on April 20.

Nexicor (13oz) was applied on June 9.

Trial Notes:

1. The nursery was located approximately 5.5 miles northeast of Anatone, WA.
2. The nursery was fertilized at planting at a rate of 15N, 36P, 9K, 9S, 7Cu. An additional 37N was applied on November 5.
3. Overall yield was 97% greater than 2021 and test weight was 4.1 lb/bu more.

Cooperator: Brit Ausman