

2021 WSU Variety Testing Soft Winter Wheat Trial, Anatonne

Variety Name <i>Club Italicized</i>	2021					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)
<i>Released Varieties</i>								
Piranha CL+ (WA8305 CL+)	44	57.4	9.3	30	152	64	64	
Jasper	43	53.7	9.8	27	154	58	61	77
WB1783	43	60.6	9.4	29	151	59	56	72
LCS Hulk	42	56.4	10.2	27	153	62	63	77
Puma	42	56.6	10.2	31	153	58	59	75
VI Voodoo CL+ (UIL 17-6268 CL+)	42	56.9	9.7	25	153			
ARS-Crescent	41	54.9	9.2	27	154	57	61	75
Stingray CL+	40	56.6	10.2	26	154	56		
Norwest Tandem	40	57.3	8.6	27	151	58	59	72
VI Frost	40	57.7	10.4	29	152	57	59	71
Puma + Zn	39	55.4	10.8	29	155			
SY Command	39	55.3	8.8	27	153	59	57	72
AP Dynamic	39	54.3	9.6	26	154	58	57	
Pritchett	39	57.5	9.3	27	153	55	57	73
M-press	38	56.9	9.6	28	153	57	54	
YSC-93	38	56.7	9.3	26	152			
Purl	38	58.7	9.3	27	152	59		
Norwest Duet	37	54.2	10.1	29	155	57	58	73
Resilience CL+	35	57.2	10.7	27	154	55		
Devote	35	58.2	9.4	27	155	54	57	68
Appleby CL+	34	56.7	10.7	28	153	55	54	
WB1529	34	58.3	9.5	24	152	47	49	67
LCS Sonic	33	55.4	9.8	28	153	59	60	76
UI Magic CL+	32	57.2	10.8	26	153	52	54	68
YSC-215	32	55.5	10.4	27	154			
VI Presto CL+ (UIL 17-6451 CL+)	30	59.3	9.7	26	152	58	54	
Otto	30	56.4	11.0	27	157	49	53	63
Mela CL+	29	56.5	10.1	28	156	47	50	64
Curiosity CL+	28	57.5	10.5	29	156	48	51	64
ARS-Castella ¹	--	--	--	26	153			
LCS Shine ¹	--	--	--	23	152			
M-idas ¹	--	--	--	25	151			
<i>Experimental Lines</i>								
OR2130755	42	57.4	9.1	29	152	61		
LWW17-5815	41	56.2	9.6	25	154	58		
WA8332	40	53.5	9.8	29	155			
WA8333	40	57.5	9.1	27	154			
LWW17-5877	40	57.5	10.7	27	151			
UIL 17-7706 CL+	40	56.1	10.0	26	155			
LWW18-0587	40	55.6	9.3	30	152			
LWW17-8185	39	54.6	9.7	28	153			
LWW18-5080	38	56.6	9.9	27	152			
WA8331	38	53.3	9.9	28	156			
UIL 13-553051A	37	56.7	9.6	26	152			
WA8334	37	56.4	9.9	27	156			
09PN118-02 CL2	36	56.8	9.8	26	153			

GS2	35	57.0	10.1	28	155			
IDO2008	33	53.6	11.2	28	154			
<i>ARSX12097-8D</i>	31	51.9	9.8	25	155			
<i>ARSX12015-68CBW</i>	31	51.8	9.9	27	155	51		
ORI2190025 CL+	30	56.4	9.7	27	150			
WA8290	28	55.1	10.3	29	156	52	57	
<i>OR5170022</i>	27	58.5	11.2	24	152	51		
<i>WA8317</i>	26	57.5	10.0	26	156	48		
C.V.	10	2.0	7.9	7	1	11	10	10
LSD	7	1.8	1.3	3	2	6	5	5
Average	37	56.3	9.9	27	154	56	57	71
Highest	44	60.6	11.2	31	157	71	64	77
Lowest	26	51.8	8.6	23	150	47	49	63

¹ - Awnless varieties eaten by deer.

Agronomic Information

Planting Date:	9/23/2020
Harvest Date:	7/20/2021
Seeding Rate (seeds/ft ²):	21.5
Previous Crop:	Fallow
Spring soil test:	
N (lb/ac) 2-ft sample	170
P ₂ O ₅ (lb/ac) 1-ft sample	196
S (lb/ac) 2-ft sample	20
pH (top 6 inches)	5.7

Trial Notes:

1. The Anatone nursery was located 6 miles NE of Anatone, WA.
2. The nursery was fertilized prior to seeding at a rate of 70N, 15P, 11S. No additional fertilizer was applied after spring soil sampling.
3. Overall yield was 50% lower than 2020 and test weight was 4.5 lb/bu less.

Cooperator: Brit Ausman

Herbicide: Zidua (2oz) was applied on September 23, 2020.

Osprey Xtra (4.75oz), Huskie (15oz), Miravis Ace (7oz), and Tilt (2oz) were applied on April 2, 2021.

Metribuzin (0.5lb) was applied on April 16, 2021.