

2021 WSU Variety Testing Soft Winter Wheat Trial, Reardan

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)
Released Varieties								
Jasper	74	56.8	13.0	30	156	100	104	119
Piranha CL+ (WA8305 CL+)	69	59.7	12.0	35	157	92	97	
AP Dynamic	67	56.9	12.2	33	158	89	96	
LCS Hulk	66	58.3	12.8	30	158	88	90	107
WB1783	65	61.7	13.2	30	157	89	88	105
M-press	64	58.6	12.4	33	158	93	94	
Stingray CL+	63	58.5	13.2	29	158	84		
LCS Shine	63	57.3	11.4	24	155	90	94	
SY Command	63	57.9	11.4	29	157	89	92	108
VI Presto CL+ (UIL 17-6451 CL+)	63	59.2	12.8	30	157	87	91	
Puma + Zn	62	59.3	13.2	32	158			
Otto	62	59.4	13.7	31	163	85	87	96
M-idas	61	57.9	12.0	26	154	90		
ARS-Crescent	61	57.5	12.1	27	160	94	97	107
Puma	60	59.8	12.5	34	157	83	84	100
Purl	60	60.2	12.4	28	155	87		
Norwest Duet	60	58.0	12.7	34	158	91	92	109
Devote	60	60.2	13.1	30	158	84	91	101
VI Voodoo CL+ (UIL 17-6268 CL+)	60	57.6	12.6	29	157			
YSC-93	59	59.5	12.7	30	156			
ARS-Castella	59	56.4	12.3	29	156	89	92	108
Mela CL+	58	60.0	13.2	32	161	84	91	97
Pritchett	58	58.3	12.9	31	160	87	89	104
YSC-215	56	60.7	12.4	29	156			
Norwest Tandem	54	57.7	12.4	24	156	81	89	106
LCS Sonic	53	58.6	13.2	31	157	90	94	110
VI Frost	53	56.2	14.8	30	155	80	84	103
Appleby CL+	53	57.2	13.2	31	156	76	81	
Resilience CL+	52	59.1	13.4	29	158	79		
WB1529	52	62.1	13.3	30	156	71	79	95
UI Magic CL+	50	59.5	13.3	28	156	79	82	98
Curiosity CL+	47	59.2	13.2	31	161	77	87	96
Experimental Lines								
WA8334	74	60.4	11.9	33	159			
WA8333	71	61.3	11.7	31	158			
LWW17-8185	70	59.8	11.8	28	158			
LWW17-5815	70	59.1	13.0	28	160	93		
LWW17-5877	68	59.5	13.1	28	154			
09PN118-02 CL2	66	58.1	13.1	31	157			
WA8332	65	55.6	13.0	33	158			
WA8290	64	59.1	12.4	33	159	88	92	
GS2	62	60.0	13.1	32	158			
WA8331	61	58.6	12.5	31	160			
LWW18-0587	61	56.4	12.9	31	158			
ORI2190025 CL+	59	57.4	12.7	28	156			
UIL 13-553051A	57	58.3	12.8	28	157			

LWW18-5080	57	58.2	12.7	28	158			
UIL 17-7706 CL+	56	58.7	12.5	29	158			
<i>ARSX12015-68CBW</i>	56	55.9	12.4	29	161	83		
IDO2008	55	57.6	13.5	31	158			
OR2130755	54	58.8	13.3	32	158	81		
<i>ARSX12097-8D</i>	54	56.1	12.8	29	161			
<i>WA8317</i>	50	59.4	13.8	32	159	78		
<i>OR5170022</i>	41	55.6	15.3	25	158	69		
C.V.	8	1.9	3.0	8	1	8	7	7
LSD	8	1.9	0.6	4	2	7	6	5
Average	60	58.6	12.8	30	158	85	90	104
Highest	74	62.1	15.3	35	163	100	104	119
Lowest	41	55.6	11.4	24	154	69	79	95

Agronomic Information

Planting Date:	9/30/2020
Harvest Date:	8/6/2021
Seeding Rate (seeds/ft ²):	21.5
Previous Crop:	Fallow
Spring soil test:	
N (lb/ac) 4-ft sample	302
P ₂ O ₅ (lb/ac) 1-ft sample	163
S (lb/ac) 2-ft sample	27
pH (top 6 inches)	4.9

Herbicide: Herbicides were applied by the cooperator

Trial Notes:

1. The Reardan nursery was located 7 miles W of Reardan, WA.
2. The nursery was fertilized prior to seeding at a rate of 67N, 11P, 6S. No additional fertilizer was applied after spring soil sampling.
3. Overall yield was 46% lower than 2020 and test weight was 3.7 lb/bu less.

Cooperator: Hal Johnson