

2021 WSU Variety Testing Soft Winter Wheat Trial, Farmington

Variety Name <i>Club Italicized</i>	2021					2 Year	3 Year	5 Year ^s
	Yield (Bu/A)	Test WT (Lbs/Bu)	Protein (%)	Plant HT (In)	Head Date	Average (Bu/A)	Average (Bu/A)	Average (Bu/A)
Released Varieties								
Piranha CL+ (WA8305 CL+)	104	59.5	10.3	34	160	126	114	
Sockeye CL+ (WA8306 CL+)	96	59.2	10.6	36	161	123	111	
YSC-93	95	58.8	10.9	29	158			
VI Voodoo CL+ (UIL 17-6268 CL+)	93	57.3	11.2	28	159	116	104	
Stingray CL+	90	57.1	11.7	30	160	108	96	
PNW Hailey	89	59.5	11.4	28	160			
Nixon	87	58.0	11.1	31	161	108	99	
Norwest Duet	84	57.6	11.0	32	162	109	101	119
Jasper	84	53.8	11.9	30	162	113	102	
LCS Drive	84	55.3	11.1	24	157	106	95	
AP Iliad	84	57.1	11.4	27	159	104	96	
WB1783	84	60.3	11.9	28	160	101	94	
AP Dynamic	83	54.7	11.1	28	162	101		
OR2X2 CL+	83	57.3	12.2	32	160	104	93	
LCS Artdeco	83	57.0	10.6	25	160	106	95	117
ARS-Castella	82	54.2	11.5	28	159	107	97	115
Puma	81	57.8	11.5	34	162	110	102	118
Norwest Tandem	81	55.8	11.4	24	159	110	98	
Resilience CL+	81	58.6	11.4	29	161	102	93	108
LCS Blackjack	81	53.3	12.0	26	161	104	94	
UI Magic CL+	81	58.5	11.5	27	158	100	93	111
SY Dayton	80	57.6	11.3	28	160	102	93	110
LCS Shine	80	56.4	11.1	23	159	106		
Pritchett	79	56.1	11.3	27	161	108		
AP Exceed (11PN039#20)	79	57.5	11.0	25	156			
Purl	78	57.2	11.7	27	159	104	96	114
YSC-215	78	58.9	11.1	28	161			
VI Presto CL+ (UIL 17-6451 CL+)	77	59.6	11.5	30	158			
M-press	76	57.9	11.6	29	161	103	94	
LCS Hulk	75	58.0	11.8	28	160	105	97	116
ARS-Crescent	74	54.4	11.3	28	163	105	97	113
ARS-Selbu	73	56.5	12.0	27	162			
WB1604	72	58.5	12.0	26	157	98	88	107
Experimental Lines								
UIL 17-7706 CL+	102	58.5	11.0	32	160			
LWW17-5877	97	58.4	10.9	27	156			
LWW18-5080	96	58.7	10.8	28	159			
UIL 15-028024	92	59.8	10.6	30	162			
ORI2190025 CL+	90	55.0	11.3	30	158			
ARS09X492-6CBW	89	56.2	12.3	28	161	114	102	
UIL 13-553051A	86	57.4	11.7	28	159			
LWW17-8185	85	57.5	10.4	26	161			
X61-1	83	57.6	11.6	31	161	116		
ARSX09500-17CBW	83	59.4	11.7	29	159			
09PN118-02 CL2	82	57.2	11.8	30	161			
OR2160243	80	57.0	11.3	27	160			
WA8336	80	53.3	10.5	26	160			
UIL 13-046145A	80	58.9	11.1	27	158			

WA8335	80	54.2	11.2	28	160			
WA8337	79	54.2	11.6	27	160			
WA8307	78	52.8	11.6	30	161	104	94	
<i>ARS14DH1122-26</i>	78	59.0	12.1	30	162			
IDO2008	77	56.1	11.6	29	162			
OR2160264	72	55.0	12.0	27	159			
C.V.	4	1.3	3.0	6	1	7	7	6
LSD	6	1.2	0.6	3	1	8	6	5
Average	84	57.1	11.4	28	160	107	97	114
Highest	104	60.3	12.3	36	163	126	114	119
Lowest	72	52.8	10.3	23	156	98	81	107

Agronomic Information

Planting Date:	10/8/2020
Harvest Date:	8/4/2021
Seeding Rate (seeds/ft ²):	23.75
Previous Crop:	Lentils
Spring soil test:	
N (lb/ac) 4-ft sample	155
P ₂ O ₅ (lb/ac) 1-ft sample	175
S (lb/ac) 2-ft sample	17
pH (top 6 inches)	5.0

Herbicide: Zidua (2oz) was applied on October 20, 2020.

Spring herbicides were applied by the cooperator.

Trial Notes:

1. The Farmington nursery was located 4.5 miles NE of Garfield, WA.
2. The nursery was fertilized prior to seeding at a rate of 125N 5P, 20S, 7CL. 20-0-0-5 was applied after spring soil sampling at a rate of 7 gal/acre.
3. Overall yield was 36% lower than 2020 and test weight was 4.6 lb/bu less.

Cooperator: Andrew Nelson

^s5 Year data from 2021, 2020, 2019, 2018, 2016