

2021 WSU Variety Testing Soft Winter Wheat Trial, Lamont

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	Lodging (%)	Average (Bu/A)	Average (Bu/A)	Average (Bu/A)
Released Varieties									
Jasper	114	59.1	12.2	50	152	10	104	131	
LCS Shine	111	59.1	12.0	43	149	0	101	128	
<i>Pritchett</i>	108	58.5	12.5	50	153	38	101	133	119
Piranha CL+ (WA8305 CL+)	107	60.2	12.1	50	152	23	103	125	
Puma	105	59.7	12.3	52	153	3	98	125	116
Stingray CL+	104	59.6	12.3	46	150	0	98		
YSC-93	104	60.7	12.2	45	149	20			
Norwest Duet	103	59.5	12.5	53	155	7	99	127	117
M-press	103	60.2	11.8	47	152	0	97	124	
Resilience CL+	102	61.0	12.2	45	154	0	92		
M-idas	102	59.3	11.1	46	148	0	96		
VI Frost	102	59.7	12.6	48	150	0	93	121	
Norwest Tandem	101	59.5	12.0	43	149	0	90	122	
YSC-215	101	60.7	12.3	46	151	0			
AP Dynamic	100	58.5	12.0	49	153	0	97	122	
Puma + Zn	98	59.3	12.6	53	151	28			
Devote	97	61.9	12.7	46	154	7	93	118	
SY Command	96	58.2	11.6	46	149	0	92	116	
LCS Hulk	96	60.3	12.4	45	151	0	90	110	
UI Magic CL+	95	59.7	12.5	42	149	0	88	108	
Appleby CL+	95	60.1	12.3	48	149	0	87	106	
<i>ARS-Crescent</i>	95	58.9	12.0	49	156	12	95	124	114
VI Presto CL+ (UIL 17-6451 CL+)	93	60.8	12.3	50	151	0	89	112	
LCS Sonic	92	58.7	12.4	46	150	0	90	112	
Purl	91	58.9	11.9	44	149	0	90		
VI Voodoo CL+ (UIL 17-6268 CL+)	89	58.2	12.6	41	149	0			
WB1529	89	61.9	12.5	43	149	0	85	109	101
WB1783	87	61.3	12.7	45	150	0	83	101	
Otto	83	56.6	13.6	51	158	70	89	120	106
Curiosity CL+	80	57.8	13.2	50	155	88	79	111	101
Mela CL+	77	57.3	13.5	50	155	57	80	110	95
<i>ARS-Castella</i>	70	56.8	12.8	50	151	17	82	115	100
Experimental Lines									
WA8331	119	60.8	11.5	48	154	0			
LWW17-8185	114	60.4	11.1	45	151	0			
LWW17-5877	113	60.0	12.3	45	148	0			
LWW17-5815	113	61.2	12.0	47	152	0	103		
WA8334	106	60.6	11.5	47	156	28			
WA8333	105	61.3	11.9	49	154	0			
LWW18-5080	104	59.6	12.2	43	150	0			
UIL 17-7706 CL+	102	59.6	12.2	46	150	0			
OR2130755	101	59.6	12.4	50	149	0	95		
WA8290	99	59.6	12.9	49	155	37	93	130	
WA8332	99	59.1	12.6	50	154	8			
ORI2190025 CL+	98	57.6	12.2	45	148	7			
LWW18-0587	97	59.4	11.9	48	152	0			
<i>ARSX12015-68CBW</i>	95	56.9	11.9	49	156	3	90		
<i>WA8317</i>	93	58.4	13.2	52	155	58	89		
GS2	92	60.4	12.7	48	153	25			
UIL 13-553051A	92	58.7	12.8	43	151	0			
<i>ARSX12097-8D</i>	92	57.3	12.7	49	155	25			

IDO2008	90	58.9	13.1	45	153	0			
09PN118-02 CL2	85	57.9	13.0	47	152	0			
<i>OR5170022</i>	85	57.9	13.8	44	148	0	84		
C.V.	9	1.8	3.3	4	1	171	7	9	9
LSD	14	1.7	0.8	4	2	30	8	9	7
Average	98	59.4	12.4	47	152	11	92	119	110
Highest	119	61.9	13.8	53	158	88	104	133	120
Lowest	70	56.6	11.1	41	148	0	79	101	95

Agronomic Information

Planting Date:	9/22/2020
Harvest Date:	7/27/2021
Seeding Rate (seeds/ft ²):	21.5
Previous Crop:	Fallow
Spring soil test:	
N (lb/ac) 4-ft sample	413
P ₂ O ₅ (lb/ac) 1-ft sample	171
S (lb/ac) 2-ft sample	31
pH (top 6 inches)	5.7

Herbicide: Zidua (2oz) was applied on September 25, 2020.

Osprey Xtra (4.75oz), Huskie (15oz), Miravis Ace (7oz), and Tilt (2oz) were applied on April 1, 2021.

Trial Notes:

1. The Lamont nursery was located 5 miles SE of Lamont, WA.
2. The nursery was fertilized prior to seeding at a rate of 80N, 10P, 10S. No additional fertilizer was applied after spring soil sampling.
3. Overall yield was 12% greater than 2020 and test weight was 2.2 lb/bu less. Stripe rust was present in study.

Cooperator: Rod Mills

^s5 Year data from 2021, 2020, 2019, 2016, 2015