

2020 WSU Variety Testing Soft Winter Wheat Trial, Farmington

Variety Name <i>Club Italicized</i>	2020					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>								
Jasper	141	60.2	10.3	33	169	110	121	116
Puma	138	62.1	11.0	36	169	112	117	124
Norwest Tandem	138	60.7	10.6	30	165	106	115	
<i>ARS-Crescent</i>	137	61.7	9.1	36	170	109	115	118
<i>Pritchett</i>	137	59.3	9.5	36	169			
UI Sparrow	135	60.8	10.1	36	170	109	118	
LCS Ghost	135	59.6	9.4	32	166	111	125	
LCS Hulk	135	63.0	10.6	34	169	107	117	
YS-215	134	62.9	10.2	35	168			
M-idas	133	61.5	9.3	30	162			
Norwest Duet	133	61.6	10.3	36	168	109	118	
UI Castle CL+	132	62.7	10.7	35	169	103	115	
LCS Shine	132	62.4	10.2	28	164			
<i>ARS-Castella</i>	131	62.3	9.6	36	166	105	115	116
M-press	131	62.0	10.3	31	168	104	113	
WB1532	130	61.2	10.7	35	170			
Purl	130	62.5	9.8	32	167	105	114	117
LCS Artdeco	130	61.5	10.3	31	166	101	115	115
Rosalyn	129	60.1	9.4	34	170	104	120	125
Nixon	129	61.4	10.5	34	169	104	112	
LCS Drive	129	60.5	10.4	30	164	100	113	99
Xerpha	128	60.5	10.3	35	171	102	113	117
VI Bulldog	127	62.4	10.6	32	167	103	114	
LCS Blackjack	127	60.8	10.5	32	167	101	117	
OR2x2 CL+	125	61.8	11.5	35	169	99	106	
Stingray CL+	125	61.6	10.6	31	168	99	109	
SY Raptor	125	61.0	9.7	33	165	101	112	
AP Iliad	124	62.3	10.6	33	166	102		
SY Dayton	124	62.5	9.5	31	167	100	112	
Dyna-Gro Impact	123	62.1	10.1	30	168	101	111	
WB1604	123	63.3	11.0	32	163	96	109	105
Resilience CL+	123	62.3	10.2	33	169	99	106	109
Appleby CL+ (ORI2161250 CL+)	120	62.7	10.5	35	168	98		
UI Magic CL+	120	62.4	10.3	34	166	99	110	
WB1783	119	62.9	10.4	32	167	99	107	
AP Dynamic	118	60.3	10.3	33	170			
YS-201	118	61.8	10.5	33	166	95		
WB1529	115	63.9	11.2	30	165	90	100	100
LCS Shark	106	61.1	11.1	32	166	87	101	
<i>Experimental Lines</i>								
WA 8306 CL+	149	61.3	10.1	36	169	118		
X61-1	149	62.9	10.5	36	167			
WA 8305 CL+	148	61.9	10.3	36	169	119		
LWW16-71088	145	62.2	9.7	31	168			
UIL 17-6268 CL+	140	62.2	10.3	31	167	110		
ARS09X492-6CBW	139	62.8	10.8	35	168	109		

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WA 8293	139	61.8	10.2	34	169	107	115	
OR2140401	132	61.2	9.8	33	169			
<i>ARSX12016-45CBW</i>	132	60.7	10.9	36	170			
LWWC18-5475 CL+	131	62.8	10.4	34	164			
WA 8307	130	61.1	9.7	34	168	102		
11PN042#02	127	60.5	10.4	30	167			
LWWC18-5477 CL+	127	61.9	10.8	32	165			
<i>OR5170022</i>	114	61.4	12.0	31	167			
C.V. %	7	0.9	5.2	5	1	7	6	6
LSD (0.05)	14	1.0	1.0	3	2	8	6	5
Average	130	61.7	10.3	33	167	104	114	113
Highest	149	63.9	12.0	36	171	119	134	125
Lowest	106	59.3	9.1	28	162	87	100	99

Agronomic Information

Planting Date:	10/14/2019
Harvest Date:	8/19/2020
Seeding Rate (seeds/ft ²):	24
Previous Crop:	
Spring soil test:	
N (lb/ac) 4-ft sample	138
P (ppm-bicarb) 2-ft sample	30
S (lb/ac) 2-ft sample	24
pH (top 6 inches)	5.1

Trial Notes:

1. The Farmington nursery was located 4 miles SE of Garfield, WA.
2. Overall yield was 69% greater than 2019 and test weight was 2.4 lb/bu more.

Cooperator: Andrew Nelson

* 5-year average from 2020, 2019, 2018, 2016, and 2015