

2020 WSU Variety Testing Soft Winter Wheat Trial, Pullman

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>								
LCS Ghost	167	59.1	9.1	33	153	120	142	
YS-215	151	63.0	9.6	36	150			
Jasper	149	60.9	10.6	36	154	124	140	
AP Iliad	148	62.8	11.1	35	151	127		
SY Dayton	148	62.1	10.2	34	152	122	134	132
M-press	146	61.3	10.3	33	153	127	136	
Norwest Duet	146	62.3	10.1	37	155	116	134	133
LCS Shine	146	62.5	10.0	31	156			
LCS Artdeco	145	60.6	9.8	31	152	118	129	128
LCS Blackjack	145	59.8	10.0	34	153	132	148	
UI Sparrow	144	60.0	9.9	37	155	124	135	132
Purl	143	62.2	10.3	36	152	124	136	134
OR2x2 CL+	142	62.0	11.2	36	153	117	122	
<i>ARS-Castella</i>	142	62.8	10.3	37	154	124	136	135
Nixon	141	60.8	10.5	37	153	120	132	
LCS Shark	140	60.6	10.4	36	154	116	123	
Rosalyn	140	60.5	9.2	33	153	131	148	145
SY Raptor	139	61.9	9.7	33	152	122	137	
Stingray CL+	138	61.1	11.0	33	152	121	134	
Xerpha	137	61.0	10.3	35	151	119	129	129
M-idas	137	61.1	9.3	33	152			
YS-201	137	61.8	10.6	32	154	115		
VI Bulldog	136	62.9	10.5	33	153	118	136	132
Norwest Tandem	136	61.8	10.3	30	153	119	131	
WB1532	135	62.0	11.2	32	151			
Resilience CL+	134	62.3	10.8	32	152	120	130	129
Dyna-Gro Impact	134	62.3	10.4	35	152	116	131	
LCS Hulk	133	63.7	10.5	33	151	122	140	135
WB1604	133	64.0	11.2	31	154	108	124	122
UI Castle CL+	133	61.6	10.9	35	151	117	135	133
<i>Pritchett</i>	132	59.2	10.3	36	155			
UI Magic CL+	131	63.3	10.8	33	152	118	130	129
WB1783	130	63.7	10.8	33	153	124	134	
LCS Drive	130	60.9	10.9	30	151	109	126	
AP Dynamic	129	61.4	10.4	35	154			
Puma	129	62.0	10.3	34	153	115	129	128
Appleby CL+ (ORI2161250 CL+)	127	62.9	10.8	35	153	109		
<i>ARS-Crescent</i>	120	60.8	10.4	37	154	104	121	121
WB1529	117	64.2	11.0	30	157	105	120	119
<i>Experimental Lines</i>								
WA 8305 CL+	157	62.4	10.3	37	153	138		
WA 8306 CL+	154	61.5	10.0	36	153	135		
LWWC18-5477 CL+	153	62.3	11.0	36	151			
WA 8307	152	60.6	10.1	36	152	126		
LWWC18-5475 CL+	149	63.3	11.3	36	152			
LWW16-71088	148	61.7	9.6	31	153			

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<i>ARSX12016-45CBW</i>	148	62.0	10.5	36	157			
<i>ARS09X492-6CBW</i>	147	62.7	11.1	35	154	129		
WA 8293	145	61.2	10.7	35	150	132	142	
UIL 17-6268 CL+	143	62.2	10.2	30	153	119		
11PN042#02	142	60.3	10.5	34	153			
OR2140401	141	61.1	9.9	35	152			
X61-1	137	62.3	10.9	35	152			
<i>OR5170022</i>	121	61.8	11.3	34	151			
C.V. %	6	1.1	3.6	5	2	8	7	6
LSD (0.05)	17	1.3	0.7	3	4	11	9	6
Average	140	61.8	10.4	34	153	121	134	130
Highest	167	64.2	11.3	37	157	138	153	145
Lowest	117	59.1	9.1	30	150	104	120	119

Agronomic Information

Planting Date:	10/3/2019
Harvest Date:	8/7/2020
Seeding Rate (seeds/ft ²):	24
Previous Crop:	
Spring soil test:	
N (lb/ac) 4-ft sample	417
P (ppm-bicarb) 2-ft sample	23
S (lb/ac) 2-ft sample	62
pH (top 6 inches)	4.9

Trial Notes:

1. The Pullman nursery was located about 3.5 miles SE of Pullman, WA.
2. Overall yield was 37% greater than 2019 and test weight was 2.3 lb/bu more.

Cooperator: Kurt and Roy Druffel