

2020 WSU Variety Testing Soft Winter Wheat Trial, Colton

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>								
Purl	146	62.2	9.6	36	163	141	138	143
LCS Shine	146	61.8	9.3	31	164			
LCS Blackjack	144	59.7	9.6	35	167	141	148	
LCS Ghost	142	58.3	8.7	36	166	145	147	
LCS Hulk	141	63.8	9.8	36	168	139	136	141
M-press	140	61.4	9.4	34	168	138	137	
Norwest Duet	140	61.4	9.3	41	169	135	138	140
Rosalyn	139	59.5	9.2	35	169	138	142	148
LCS Artdeco	139	61.3	9.2	34	165	135	138	142
Stingray CL+	139	61.8	9.9	34	167	136	135	
UI Sparrow	137	61.2	9.4	38	170	134	138	141
SY Dayton	134	61.3	8.9	36	166	132	136	141
YS-215	133	62.9	8.9	35	167			
SY Raptor	133	59.9	9.1	36	163	133	135	
UI Magic CL+	133	62.2	9.8	34	165	133	132	136
Nixon	133	61.8	9.4	38	168	130	131	
Puma	132	62.0	9.1	41	166	133	133	131
Jasper	132	61.1	9.2	35	167	133	137	
Xerpha	132	61.3	9.8	36	170	134	138	141
Resilience CL+	132	62.6	9.7	35	170	130	127	133
AP Dynamic	131	60.8	9.7	36	169			
Dyna-Gro Impact	131	61.9	9.6	34	166	130	132	
<i>ARS-Crescent</i>	130	61.1	9.2	37	171	131	136	139
M-idas	129	60.1	9.2	32	165			
WB1604	128	62.7	9.9	33	162	124	127	132
LCS Shark	128	61.2	9.7	34	165	129	130	
OR2x2 CL+	128	61.9	10.0	37	167	122	120	
YS-201	128	62.2	9.7	37	164	126		
Norwest Tandem	128	61.9	9.8	31	165	132	131	
WB1783	128	63.6	9.7	37	165	127	128	
UI Castle CL+	127	61.8	9.5	38	168	127	128	134
LCS Drive	127	60.7	9.7	31	162	121	123	
WB1529	126	63.7	10.3	33	163	120	125	128
VI Bulldog	125	61.9	10.0	35	167	130	133	137
<i>ARS-Castella</i>	125	62.1	9.7	38	166	128	129	125
AP Iliad	124	61.3	9.8	34	164	125		
WB1532	122	61.9	10.2	34	169			
<i>Pritchett</i>	120	58.7	9.1	38	168			
Appleby CL+ (ORI2161250 CL+)	119	62.4	10.4	36	165	116		
<i>Experimental Lines</i>								
WA 8305 CL+	149	62	9.2	40	168	145		
11PN042#02	146	60	9.53	37	165			
LWW16-71088	145	61.2	9.3	34	169			
WA 8293	143	61.9	9.6	38	169	137	134	
UIL 17-6268 CL+	140	61.6	9.8	33	168	135		
X61-1	139	62.6	9.0	38	165			

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WA 8306 CL+	138	61.4	9.1	41	168	143		
LWWC18-5477 CL+	137	60.7	9.4	35	164			
LWWC18-5475 CL+	137	62.4	9.7	35	164			
<i>ARSX12016-45CBW</i>	129	62.2	10.0	36	168			
OR2140401	127	60.6	9.4	36	167			
WA 8307	126	59.4	9.8	38	169	127		
<i>ARS09X492-6CBW</i>	125	61.3	9.9	38	167	121		
<i>OR5170022</i>	107	61.1	10.5	32	166			
C.V. %	6	0.9	3.4	1	1	5	5	6
LSD (0.05)	13	1.0	0.6	1	2	8	7	6
Average	133	61.5	9.6	36	167	132	134	137
Highest	149	63.8	10.5	41	171	145	148	148
Lowest	107	58.3	8.7	31	162	116	120	125

Agronomic Information

Planting Date:	10/18/2019
Harvest Date:	8/19/2020
Seeding Rate (seeds/ft ²):	24
Previous Crop:	
Spring soil test:	
N (lb/ac) 4-ft sample	266
P (ppm-bicarb) 2-ft sample	105
S (lb/ac) 2-ft sample	27
pH (top 6 inches)	5.0

Trial Notes:

1. The Colton nursery was located 1 mile S of Colton, WA.
2. Overall yield was the same as 2019 and test weight was 1.0 lb/bu more.

Cooperator: Art Schultheis