

2020 WSU Variety Testing Soft Winter Wheat Trial, Fairfield

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 Blackjack	149	59.3	10.3	33	169	124	108	
SY Raptor	147	60.1	9.9	33	166	120	100	
UI Sparrow	146	59.7	10.3	36	174	126	108	110
LCS Artdeco	145	60.4	10.0	31	167	113	99	102
LCS Ghost	145	58.3	9.2	32	168	125	110	
AP Iliad	143	61.9	10.8	35	167	120		
M-press	142	61.6	10.4	32	171	119	102	
Norwest Tandem	141	61.0	10.5	32	166	119	105	
SY Dayton	140	60.6	10.1	30	169	116	98	105
Norwest Duet	139	61.0	10.3	37	172	117	103	110
LCS Shark	139	60.7	10.7	34	167	109	95	
Purl	139	62.2	10.3	34	168	118	100	105
M-idas	139	61.2	9.9	31	164			
AP Dynamic	138	60.5	10.8	35	172			
LCS Hulk	137	62.4	10.7	32	170	115	100	106
LCS Drive	137	59.0	10.7	30	165	106	91	
Jasper	137	60.0	10.7	33	172	118	103	
Stingray CL+	136	60.1	11.2	34	170	115	99	
LCS Shine	136	61.6	10.1	29	166		104	
<i>Pritchett</i>	135	58.5	10.3	34	170			
<i>ARS-Crescent</i>	135	60.1	10.0	35	174	117	103	112
WB1783	134	63.0	10.9	33	168	109	93	
VI Bulldog	134	62.2	10.7	33	169	112	101	104
Nixon	133	61.3	10.7	35	171	115	97	
UI Castle CL+	133	61.9	11.2	34	171	110	96	101
WB1529	131	63.7	11.1	32	168	106	90	98
Rosalyn	130	58.9	9.7	32	173	113	101	112
WB1604	130	62.7	11.0	33	165	109	95	98
<i>ARS-Castella</i>	130	61.2	10.5	36	170	112	98	102
Dyna-Gro Impact	129	60.9	10.7	33	171	111	96	
YS-201	128	61.4	10.6	34	169	107		
WB1532	128	60.8	11.0	33	173		95	
OR2x2 CL+	127	61.2	11.4	36	171	109	93	
Resilience CL+	127	62.1	11.1	30	172	108	94	100
Puma	125	60.9	10.7	36	172	106	95	101
Xerpha	125	60.4	10.9	36	174	110	98	104
YS-215	123	61.1	10.5	34	172			
Appleby CL+ (ORI2161250 CL+)	120	62.6	11.2	36	171	98		
UI Magic CL+	113	59.7	11.0	31	168	100	89	93
<i>Experimental Lines</i>								
WA 8305 CL+	148	62	10.3	36	170	128		
LWW16-71088	146	61	10.1	34	172			
WA 8306 CL+	145	61.5	10.2	36	172	127		
11PN042#02	145	59.7	10.5	33	168			
OR2140401	140	60.4	10.4	34	172			
WA 8307	139	58.9	10.5	35	172	117		

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LWWC18-5475 CL+	139	62.2	11.0	35	167			
LWWC18-5477 CL+	138	60.3	10.8	34	167			
<i>ARS09X492-6CBW</i>	137	61.4	11.6	34	171	117		
UIL 17-6268 CL+	137	60.8	10.3	30	168	111		
X61-1	135	61.6	10.7	36	170			
WA 8293	134	60.8	10.4	35	172	118	101	
<i>ARSX12016-45CBW</i>	125	61.5	10.9	36	172			
<i>OR5170022</i>	114	60.8	11.9	32	169			
C.V. %	4	1.0	2.7	5	1	5	6	8
LSD (0.05)	9	1.2	0.6	3	2	6	5	6
Average	135	61.0	10.6	34	170	114	99	104
Highest	149	63.7	11.9	37	174	128	110	112
Lowest	113	58.3	9.2	29	164	98	89	93

Agronomic Information

Planting Date:	10/15/2019
Harvest Date:	8/25/2020
Seeding Rate (seeds/ft ²):	24
Previous Crop:	
Spring soil test:	
N (lb/ac) 4-ft sample	310
P (ppm-bicarb) 2-ft sample	16
S (lb/ac) 2-ft sample	31
pH (top 6 inches)	5.1

Trial Notes:

1. The Fairfield nursery was located 6.5 mile E/NE of Fairfield, WA.
2. Overall yield was 47% more than 2019 and test weight was 1.4 lb/bu more.

Cooperator: Mike Roecks