

2020 WSU Variety Testing Soft Winter Wheat Trial, Reardan

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>								
ARS-Crescent	127	61.8	10.2	33	173	116	116	119
LCS Sonic	127	62.7	11.0	30	169	115	116	122
Jasper	125	61.5	11.4	31	173	119	121	
M-press	122	62.8	11.3	32	172	108	112	
Norwest Duet	122	62.2	11.2	36	174	108	111	117
ARS-Castella	119	62.3	11.1	34	171	108	109	118
UI Sparrow	118	61.1	11.0	35	174	110	108	112
M-idas	118	62.3	11.1	28	168			
Pritchett	117	60.5	11.5	33	172	104	109	112
LCS Shine	116	62.3	10.1	27	169	109	115	
Dyna-Gro Impact	116	63.1	11.5	30	171	104	107	
SY Command	116	61.6	10.9	31	171	107	111	118
Purl	114	63.5	11.8	29	170			
WB1783	113	63.5	12.2	31	171	100	103	
Xerpha	112	61.5	11.2	33	174	110	115	121
AP Dynamic	111	61.4	10.9	31	173	110		
Mela CL+	110	61.5	11.0	36	175	107	104	102
LCS Hulk	109	64.0	11.9	30	172	102	105	117
UI Castle CL+	108	62.9	12.1	32	173	98	103	106
Devote	108	62.0	11.1	32	174	106	105	
UI Magic CL+	108	63.2	12.2	30	170	98	101	106
Norwest Tandem	108	62.3	11.8	28	169	106	108	
Otto	108	60.8	11.4	34	176	100	101	103
VI Frost	108	63.0	11.7	29	169	99	104	
Curiosity CL+	107	61.5	11.2	34	176	107	105	104
YS-215	106	64.0	10.8	31	172			
Resilience CL+	105	62.9	11.6	30	172			
YS-201	105	62.3	11.6	31	170			
Puma	105	62.8	12.0	32	172	96	100	110
Stingray CL+	104	62.2	11.8	27	171			
SY Banks	102	62.3	11.5	31	172	95	97	109
WB1532	101	62.5	12.2	29	172	99	100	
Bruehl	101	59.6	11.5	34	176	95	96	106
Appleby CL+ (ORI2161250 CL+)	99	62.5	12.3	31	170	95		
WB1604	90	63.2	12.1	29	168	88	92	102
WB1529	90	63.8	12.7	28	170	92	97	103
<i>Experimental Lines</i>								
LWW16-71088	129	62.1	10.8	29	172	113		
WA 8308	120	61.3	10.8	32	173	112		
LWWC18-5477 CL+	120	61.9	12.5	33	170			
LWW17-5815	117	63.3	11.4	31	173			
X61-1	117	63.1	11.4	32	170			
WA 8316	116	62.9	11.0	35	173			
WA 8305 CL+	116	62.0	11.0	33	173	111		
11PN042#02	114	61.4	11.5	29	171			
WA 8290	111	61.2	11.8	34	174	106	107	

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<b>UIL 17-6451 CL+</b>	111	<b>63.6</b>	11.5	31	170	105		
<i>ARSX12015-68CBW</i>	111	59.6	10.0	30	174			
<b>LWWC18-5475 CL+</b>	110	<b>63.0</b>	12.1	30	169			
<b>11PN039#20</b>	108	<b>63.7</b>	10.7	30	168			
<b>OR2130755</b>	108	62.8	11.8	32	170			
<i>WA 8317</i>	106	58.4	11.5	34	176			
<i>OR5170022</i>	97	61.3	12.5	30	171			
<b>UIL 17-6834 CL+</b>	96	61.7	12.8	30	170	95		
<b>C.V. %</b>	6	0.8	3.2	5	1	6	7	6
<b>LSD (0.05)</b>	11	1.0	0.7	3	2	8	6	5
<b>Average</b>	111	62.2	11.5	31	172	104	106	111
<b>Highest</b>	129	64.0	12.8	36	176	119	121	122
<b>Lowest</b>	90	58.4	10.0	27	168	88	92	102

### Agronomic Information

Planting Date:	10/15/2019
Harvest Date:	8/21/2020
Seeding Rate (seeds/ft <sup>2</sup> ):	21
Previous Crop:	
Spring soil test:	
N (lb/ac) 4-ft sample	354
P (ppm-bicarb) 2-ft sample	22
S (lb/ac) 2-ft sample	44
pH (top 6 inches)	5.1

### Trial Notes:

1. The Reardan nursery was located about 7 miles W of Reardan, WA.
2. Overall yield was 15% greater than 2019 and test weight was 2.8 lb/bu more.

**Cooperator: Hal Johnson**