

2020 WSU Variety Testing Soft Winter Wheat Trial, Lamont

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	Lodge (%)	Average (Bu/A)	Average (Bu/A)	Average (Bu/A)
<b>Released Varieties</b>									
<i>ARS-Crescent</i>	95	62.0		36	150	7	139	127	113
<i>Pritchett</i>	95	60.2		37	151	0	146	135	114
<b>Norwest Duet</b>	95	61.4		38	150	0	139	129	
<i>ARS-Castella</i>	95	62.7		39	149	0	137	108	
<b>Otto</b>	94	60.1		39	150	2	138	124	105
<b>AP Dynamic</b>	94	61.4		35	150	0	132		
<b>Jasper</b>	93	61.3		35	150	0	139		
<b>LCS Shine</b>	92	62.1		30	150	11	136		
<b>Dyna-Gro Impact</b>	92	62.5		33	149	0	121		
<b>Stingray CL+</b>	92	60.7		32	151	0			
<b>M-press</b>	91	61.9		32	150	0	135		
<b>Puma</b>	91	62.2		37	151	12	136	129	110
<b>M-idas</b>	91	61.4		30	150	17			
<b>UI Sparrow</b>	91	60.4		37	149	0	139	125	114
<b>Devote</b>	89	61.2		34	150	16	129		
<b>SY Banks</b>	89	60.6		34	152	13	101	102	
<b>Purl</b>	88	62.2		33	149	0			
<b>SY Command</b>	88	59.7		33	151	1	126	124	
<b>Xerpha</b>	88	61.5		37	151	0	141	129	115
<b>LCS Sonic</b>	88	61.8		34	150	1	122	120	
<i>Bruehl</i>	88	58.7		36	151	6	136	127	106
<b>YS-215</b>	85	62.7		34	149	0			
<b>LCS Hulk</b>	84	<b>63.6</b>		31	148	0	118	115	
<b>VI Frost</b>	84	62.7		35	149	0	130		
<b>UI Castle CL+</b>	84	61.5		35	149	5	121	118	
<b>Mela CL+</b>	84	59.3		37	150	60	126	112	95
<b>WB1532</b>	83	61.7		32	149	2	126		
<b>Resilience CL+</b>	82	62.3		33	152	0			
<b>WB1604</b>	81	62.8		30	151	0	108	109	
<b>WB1529</b>	81	<b>64.0</b>		31	151	0	118	113	
<b>UI Magic CL+</b>	80	62.4		31	149	0	115	109	
<b>Norwest Tandem</b>	80	62.2		29	150	0	133		
<b>Appleby CL+ (ORI2161250 CL+)</b>	79	62.5		34	150	0	112		
<b>WB1783</b>	79	<b>63.3</b>		31	150	0	109		
<b>Curiosity CL+</b>	78	60.1		35	151	52	126	117	101
<b>YS-201</b>	72	61.2		32	150	0			
<b>Experimental Lines</b>									
<b>LWWC18-5475 CL+</b>	101	62.3		34	150	0			
<b>WA 8305 CL+</b>	99	62.1		37	150	2	133		
<b>X61-1</b>	97	62.3		36	149	0			
<b>LWWC18-5477 CL+</b>	96	61.2		35	149	0			
<b>LWW17-5815</b>	93	<b>63.0</b>		34	149	0			
<b>11PN042#02</b>	89	59.8		33	150	0			
<b>OR2130755</b>	89	62.2		36	149	0			
<b>LWW16-71088</b>	88	61.8		30	149	0	134		
<b>WA 8290</b>	88	61.1		35	150	0	146		
<b>11PN039#20</b>	87	<b>63.4</b>		33	150	0			
<b>UIL 17-6451 CL+</b>	86	<b>63.3</b>		35	152	0	121		
<b>WA 8308</b>	85	59.0		35	150	4	123		
<i>ARSX12015-68CBW</i>	85	58.0		33	150	13			
<i>WA 8317</i>	85	61.1		36	151	4			

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<b>WA 8316</b>	84	60.5		35	150	30			
<i>OR5170022</i>	84	61.3		34	152	0			
<b>UIL 17-6834 CL+</b>	82	61.3		31	151	0	110		
<b>C.V. %</b>	5	0.9		4	1	208	9	9	8
<b>LSD (0.05)</b>	7	1.0		3	3	20	12	10	7
<b>Average</b>	88	61.6		34	150	5	128	120	109
<b>Highest</b>	101	64.0		39	152	60	146	135	116
<b>Lowest</b>	72	58.7		29	148	0	101	102	95

### Agronomic Information

Planting Date:	9/23/2019
Harvest Date:	7/31/2020
Seeding Rate (seeds/ft <sup>2</sup> ):	21
Previous Crop:	
Spring soil test:	
N (lb/ac) 4-ft sample	257
P (ppm-bicarb) 2-ft sample	21
S (lb/ac) 2-ft sample	27
pH (top 6 inches)	5.5

### Trial Notes:

1. The Lamont nursery was located about 3 miles SE of Lamont, WA.
2. Overall yield was 50% lower than 2019 and test weight was 0.5 lb/bu less.

### Cooperator: Rod Mills

\* 3-year average from 2020, 2019, and 2016

\*\* 5-year average from 2020, 2019, 2016, 2015, and 2014