

2018 WSU Variety Testing Soft Winter Wheat Trial, Colton

Variety Name <i>Club Italicized</i>	2018					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>								
Rosalyn	151	60.5	9.0	39	151	148	156	133
UI Sparrow	147	61.1	9.8	42	152	140	146	
<i>ARS-Crescent</i>	146	61.9	9.5	41	154	138	143	131
Xerpha	144	61.4	9.6	41	154	146	145	132
Norwest Duet	144	62.4	9.6	43	151	144	143	
SY Ovation	144	60.8	9.6	36	150	132	136	124
Bobtail	144	59.7	9.3	36	151	137	143	128
Jasper	144	61.7	9.4	38	151	146		
SY Dayton	143	61.7	9.6	36	150	142	146	
SY Candor (09PN008#72)	143	62.6	10.1	39	152			
LCS Artdeco	143	61.0	9.4	34	150	147	146	130
SY Raptor	139	61.9	9.5	39	150	137		
WB1529	135	63.5	9.9	35	149	131	134	
M-Press	135	62.1	9.5	37	150			
WB-528	135	62.7	10.0	38	153	127	134	119
SY Banks	135	60.9	9.1	38	153			
Dyna-Gro Impact	134	62.6	10.0	37	150			
LCS Shark	134	60.1	10.1	37	149	134		
PNW Hailey	134	63.2	9.8	39	151			
Purl (WA 8234)	133	62.4	9.6	39	149	135	144	
Puma	133	61.8	10.0	44	151	129	130	123
WB1604	132	62.3	10.0	35	150	130	137	
WB1783	131	<b>63.9</b>	9.8	37	149	132		
<i>ARS-Castella (ARS20060123-31C)</i>	131	61.6	9.6	41	151			
WB1532	131	62.8	10.3	37	152			
UI Castle CL+	130	62.6	10.4	39	152	132	139	
UI Magic CL+	130	62.4	9.9	36	149	132	137	
LCS Hulk	130	63.4	9.6	36	151	135	143	
Norwest Tandem	128	61.6	9.9	33	148	139		
LCS Drive	128	60.3	9.8	31	150	130		
UI Palouse CL+	123	61.5	9.9	36	152	121	126	
Resilience CL+	121	62.5	10.2	37	153	128	134	121
ORCF-102	121	61.8	10.3	40	152	127	130	119
Madsen	119	61.5	10.2	39	154	126	131	118
SY Assure	118	62.6	10.1	36	154	128	136	
WB1376CLP	115	<b>64.2</b>	11.3	37	150	122	124	
<i>Experimental Lines</i>								
LWW15-71945	<b>164</b>	59.4	9.5	37	150			
LWW14-74143	149	58.4	8.6	38	149			
WA 8232	149	63.5	9.5	42	153	141	144	
IDN 15-72458DH	146	61.5	9.3	39	151			
KXB-01	143	61.6	9.5	40	153	141	144	
UIL 07-28017B	138	62.2	10.1	38	151	136	141	
WA 8274 CL+	137	62.0	10.2	40	154	133		
<i>ARS06132-45C</i>	137	60.5	9.5	38	150			
LWW14-72916	136	61.6	9.4	33	148	136		

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<b>IDO1708</b>	134	60.7	9.3	37	154			
<b>WA 8275 CL+</b>	134	62.5	9.9	37	151			
<b>OR2121086</b>	133	62.0	9.9	40	150	136		
<b>WA 8293</b>	128	61.9	9.8	40	152			
<i>ARSDH08X103-102C</i>	125	60.9	9.8	36	152			
<b>YS-205</b>	125	63.4	9.7	38	152			
<b>XB1104</b>	119	63.1	10.3	32	154			
<b>ORI2150031 CL+</b>	115	62.3	10.9	40	151	118		
<b>ORI2150061 CL+</b>	95	63.0	12.0	35	154			
<b>C.V. %</b>	5	0.4	2.2	3	1	7	7	6
<b>LSD (0.05)</b>	10	0.4	0.3	2	1	9	7	5
<b>Average</b>	134	61.9	9.8	38	151	134	139	125
<b>Highest</b>	164	64.2	12.0	44	154	148	156	133
<b>Lowest</b>	95	58.4	8.6	31	148	118	124	118

### Agronomic Information

Planting Date:	9/29/2017
Harvest Date:	8/22/2018
Seeding Rate (seeds/ft <sup>2</sup> ):	24
Previous Crop:	Lentils
Spring soil test:	
N (lb/ac) 4-ft sample	252
P (ppm-bicarb) 2-ft sample	120
S (lb/ac) 2-ft sample	32
pH (top 6 inches)	5.76
Herbicides and fungicides applied by grower	

### Trial Notes:

1. The Colton nursery was located about 1 mile south of Colton, WA.
2. The nursery was fertilized at seeding with no-till hoe drill: 120N 21P 21S. No additional nitrogen was applied.
3. Overall yield was the same as 2017, and grain test weight was 1.4 lb/bu more than last year

**Cooperator** A Schultheis