

2018 WSU Variety Testing Soft Winter Wheat Trial, Eureka

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>								
<b>SY Raptor</b>	<b>107</b>	60.3	9.4	35	134	79	--	--
<b>Norwest Duet</b>	<b>101</b>	61.8	9.9	39	138	80	--	--
<b>Jasper</b>	<b>100</b>	60.3	9.7	35	138	81	--	--
<b>LCS Hulk</b>	99	62.6	10.8	35	138	78	--	--
<b>Rosalyn</b>	98	60.2	9.4	36	137	81	--	--
<b>Norwest Tandem</b>	98	61.6	9.8	32	134	78	--	--
<b>Bobtail</b>	97	58.2	10.0	33	137	85	--	--
<i>ARS-Castella (ARS20060123-31C)</i>	97	59.9	9.2	35	138	75	--	--
<b>M-Press</b>	97	61.5	9.5	35	137		--	--
<i>ARS-Crescent</i>	97	60.2	9.3	35	142	70	--	--
<b>Xerpha</b>	97	61.0	9.1	35	140	80	--	--
<b>Puma</b>	96	61.7	9.8	40	138	74	--	--
<b>SY Command</b>	95	60.0	9.3	34	136	69	--	--
<b>Dyna-Gro Impact</b>	95	61.5	10.2	35	136		--	--
<b>UI Sparrow</b>	95	60.3	9.0	36	142	70	--	--
<b>LCS Artdeco</b>	95	61.1	9.5	33	133	72	--	--
<b>PNW Hailey</b>	95	<b>63.0</b>	9.8	35	136		--	--
<b>SY Dayton</b>	94	61.2	9.6	33	138	76	--	--
<b>LCS Drive</b>	94	60.3	10.1	30	133	70	--	--
<b>SY Ovation</b>	93	61.8	9.7	34	137	72	--	--
<b>LCS Sonic</b>	93	61.6	9.6	36	136	76	--	--
<b>Mary</b>	91	61.6	10.4	34	135	70	--	--
<b>Purl (WA 8234)</b>	91	61.7	10.0	36	135	66	--	--
<b>SY Assure</b>	88	62.3	10.2	34	132	67	--	--
<b>LCS Shark</b>	88	61.3	10.8	34	135	73	--	--
<b>WB1529</b>	87	<b>63.3</b>	10.6	32	137	70	--	--
<b>WB-528</b>	87	62.1	10.3	36	134		--	--
<b>SY Banks</b>	87	60.2	10.1	35	138	71	--	--
<b>WB1532</b>	86	61.1	11.0	34	138		--	--
<b>Madsen</b>	83	60.9	10.8	34	138		--	--
<b>WB1783</b>	83	<b>63.4</b>	11.3	37	136	64	--	--
<b>Stephens</b>	83	59.9	10.5	37	135	63	--	--
<b>SY Candor (09PN008#72)</b>	81	61.3	11.3	35	138	65	--	--
<b>WB1604</b>	80	61.2	10.3	33	133		--	--
<i>Experimental Lines</i>								
<b>IDN 15-72458DH</b>	<b>102</b>	60.9	9.3	36	137		--	--
<b>LWW14-72916</b>	97	61.2	9.7	33	134	84	--	--
<i>ARS06132-45C</i>	97	59.6	8.8	34	137		--	--
<b>LWW15-71945</b>	95	59.0	9.8	33	137		--	--
<b>ARSDH08X117-83C</b>	94	61.9	9.4	35	137		--	--
<b>WA 8232</b>	94	62.8	9.8	38	138	71	--	--
<i>ARSDH08X103-102C</i>	93	60.8	9.7	35	138		--	--

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<b>OR2121086</b>	93	61.9	9.8	37	136	73	--	--
<b>WA 8293</b>	93	61.0	9.7	34	139		--	--
<b>LWW14-74143</b>	93	60.1	9.5	34	134	70	--	--
<b>YS-205</b>	91	61.7	10.4	33	140		--	--
<b>XB1104</b>	90	<b>63.5</b>	10.7	32	131		--	--
<b>UIL 07-28017B</b>	90	61.9	10.1	34	135	74	--	--
<b>WA 8292</b>	87	61.6	11.0	34	140		--	--
<b>OR2121285</b>	86	61.7	10.7	34	136	71	--	--
<i>ARSDH08X028-9C</i>	85	60.1	9.8	32	138			
<b>OR2130081</b>	83	60.5	10.4	36	138			
<b>YS-201</b>	80	61.2	10.6	34	137			
<b>IDO1005</b>	79	61.0	11.0	35	139			
<b>IDO1708</b>	79	58.6	10.0	35	135			
<b>C.V. %</b>	5	0.6	4.1	4	1	6	--	--
<b>LSD (0.05)</b>	7	0.5	0.5	2	1	5	--	--
<b>Average</b>	92	61.1	10.0	35	137	73	--	--
<b>Highest</b>	107	63.5	11.3	40	142	85	--	--
<b>Lowest</b>	79	58.2	8.8	30	131	63	--	--

### Agronomic Information

Planting Date:	10/5/2017
Harvest Date:	7/18/2018
Seeding Rate (seeds/ft <sup>2</sup> ):	21
Previous Crop:	Fallow
Spring soil test:	
N (lb/ac) 4-ft sample	193
P (ppm-bicarb) 2-ft sample	51
S (lb/ac) 2-ft sample	14
pH (top 6 inches)	5.42
Herbicide:	
4 oz/ac propiconazole was applied with herbicide application	

### Trial Notes:

1. The Eureka nursery was located about 17 miles west of Prescott, WA.
2. Base fertilizer was 100N 20P 20S
3. Yield was 77% greater than 2017 and grain test weight were 2.3 lb/bu lower than 2017.

**Cooperator** G Struthers