

2017 WSU Variety Testing SW Winter Wheat Trial, Mayview

Variety Name <i>Club Italicized</i>	2017					2 Year*	3 Year**	5 Year***
	YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE	AVERAGE (BU/A)	AVERAGE (BU/A)	AVERAGE (BU/A)
<b>RELEASED VARIETIES</b>								
<b>SY Raptor (SY 46#16)</b>	<b>105</b>	59.2	9.4	32	157			
Jasper	<b>103</b>	59.1	9.6	36	159	100	85	
Legion	<b>102</b>	59.2	9.9	38	160	92	75	
Rosalyn	<b>102</b>	58.8	9.2	36	159	95	79	89
LCS Artdeco	<b>101</b>	59.5	9.3	32	154	85	72	86
<b>SY Dayton (SY 09PN062#18)</b>	<b>101</b>	60.1	9.6	34	158			
Xerpha	<b>101</b>	60.4	9.7	36	162	97	78	91
<b>WB1529</b>	100	61.1	10.0	33	157	90		
<b>Resilience CL+ (WA 8187)</b>	99	60.7	9.9	35	160	95	78	
<b>Brundage 96</b>	99	59.7	10.0	35	159			
<b>UI-WSU Huffman</b>	99	59.1	10.6	37	162	88	73	
<b>WB 456</b>	98	60.8	11.1	36	155	93	75	
<b>ORCF-102</b>	98	60.8	10.5	39	160	101	84	87
<b>UI Magic CL+</b>	98	61.3	10.2	34	157			
<b>WB-528</b>	97	61.8	10.3	37	157	93	76	88
<b>WB1604</b>	97	59.7	9.9	35	154	91		
<b>LCS Drive (LWW12-7105)</b>	97	59.2	10.0	29	154	97	77	
<b>ARS-Selbu</b>	96	61.2	10.4	36	162	91	75	84
<i>ARS-Crescent</i>	96	59.3	8.8	37	164	87	72	87
<b>SY Ovation</b>	95	59.6	10.6	35	158	96	77	
<b>Madsen</b>	94	60.1	10.6	37	161	88	73	84
<b>SY Assure</b>	94	61.0	10.6	33	154			
<b>Norwest Tandem (LOR-334)</b>	94	60.6	10.4	32	156			
<b>Mary</b>	93	60.4	9.2	34	157	96	79	90
<b>SY 107</b>	93	60.5	9.8	33	159	96	79	
<b>Norwest Duet (LOR-092)</b>	91	60.5	10.1	39	161			
<b>Bobtail</b>	91	57.1	9.3	35	159	86	75	84
<b>UI Sparrow (IDO1108DH)</b>	91	59.0	10.0	38	161			
<b>UI Castle CL+</b>	88	61.4	10.2	36	160			
<b>WB1783</b>	87	<b>63.0</b>	10.4	35	158			
<b>WB1376CLP</b>	87	<b>62.7</b>	11.2	35	158			
<b>Puma</b>	86	59.9	9.7	39	158	92	76	89
<b>UI Palouse CL+</b>	85	60.1	10.5	34	160			
<i>Cara</i>	83	57.0	9.3	34	163			
<b>EXPERIMENTAL LINES</b>								
<b>KXB-01</b>	<b>111</b>	60.6	9.7	38	161			
<b>LWW14-71195</b>	<b>105</b>	58.9	10.3	34	156			
<b>IDN 06-03303B</b>	<b>102</b>	59.6	9.5	35	158			
<b>WA 8234</b>	<b>101</b>	61.5	10.1	37	157	101		
<i>ARSDH08028-44C</i>	100	61.2	10.6	36	159			
<b>WA 8232</b>	99	61.8	9.7	36	159	96		
<b>LWW14-72916</b>	97	59.5	9.0	30	156			
<b>OR2101043</b>	96	59.7	9.9	35	159			
<b>IDN 09-15702A</b>	96	59.8	11.2	38	158			

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<b>WA 8245</b>	95	59.5	9.9	35	161			
<b>IDN 07-28017B</b>	95	61.6	9.9	36	157			
<b>OR2121086</b>	94	60.3	10.3	36	158			
<b>LWW14-73163</b>	93	59.2	10.1	37	158			
<b>WA 8274 CL+</b>	92	60.7	10.6	36	160			
<b>YS-206</b>	91	59.2	9.6	35	158			
<b>XA1101 CL+</b>	82	61.3	11.5	35	156			
<b>ORI2150031 CL+</b>	81	60.3	11.3	36	160			
<i>ARS20040150-2C</i>	80	59.7	9.9	34	162			
<b>KWS 145</b>	73	60.5	9.7	34	155			
<b>XA1401 CL+</b>	71	61.6	12.0	32	158			
<b>C.V. %</b>	8	1	4	4	0	9	8	8
<b>LSD (0.05)</b>	10	0.8	0.6	2	1	8	5	4
<b>Average</b>	94	60.2	10.1	35	158	93	75	86
<b>Highest</b>	111	63.0	12.0	39	164	101	85	91
<b>Lowest</b>	71	57.0	8.8	29	154	85	57	77

### Agronomic Information

Planting Date: 10/19/2016  
Harvest Date: 8/18/2017  
Seeding Rate (seeds/ft<sup>2</sup>): 21  
Previous Crop: Fallow  
Spring soil test:  
    N (lb/ac) 4-ft sample 278  
    P (ppm-bicarb) 2-ft sample 65  
    S (lb/ac) 2-ft sample 58  
    pH (top 6 inches) 5.04  
Herbicide:  
Huskie, Tilt, Quilt applied on 5/3.

### Trial Notes:

- 1.** The Mayview nursery was located about 3.5 miles south of Lower Granite Dam. All yield and test weight values within the 5% LSD range of the highest value are shown in bold.
- 2.** This trial received only one fungicide application but stripe rust was kept under control.
- 3.** Many entries in the 2016 trial experienced shattering due to high winds prior to harvest. Results from 2016 are not

**Cooperator:** R. & R. Koller

\* 2-Year average from 2017 & 2015

\* 3-Year average from 2017, 2015, 2014

\*\* 5-Year average from 2017, 2015, 2014, 2013, 2012