

2017 WSU Variety Testing SW Winter Wheat Trial, Harrington

Variety Name <i>Club Italicized</i>	2017				2 Year	3 Year*	5 Year**
	YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	AVERAGE (BU/A)	AVERAGE (BU/A)	AVERAGE (BU/A)
<b>RELEASED VARIETIES</b>							
Norwest Duet (LOR-092)	81	59.0	8.5	38	79		
<i>Bruehl</i>	81	57.8	8.7	36	81	68	75
UI Magic CL+	79	60.6	8.8	31	74		
SY 107	79	59.9	8.2	34	85		
Jasper	79	57.6	7.7	34			
Mela CL+	78	60.1	7.7	40	78	67	72
Mary	77	60.2	8.6	32	77		
SY Banks (SY 09PN005#25)	76	58.8	8.5	36	80		
WB1529	75	<b>61.2</b>	8.0	34	77		
Xerpha	75	57.2	7.7	35	82	73	78
<i>Coda</i>	74	<b>60.7</b>	8.7	37	72	60	68
Otto	73	59.7	8.0	39	76	67	75
Curiosity CL+	73	59.7	8.0	38	72	64	73
ORCF-102	73	60.4	8.9	36	77	65	68
WB1783	72	<b>61.5</b>	9.0	35			
Legion	72	58.1	7.8	35	78		
WB1843	71	59.6	8.7	35	74		
UI Castle CL+	71	<b>60.8</b>	8.4	33	69		
WB1604	70	<b>61.9</b>	9.0	32	72		
SY Command (SY 04PN066-7)	69	58.4	8.6	31	79		
<i>ARS-Crescent</i>	69	59.0	8.5	34	74	66	74
Norwest Tandem (LOR-334)	69	59.4	8.4	31			
Eltan	68	58.6	7.7	38	66	59	69
Puma	68	59.5	8.8	38	75	64	69
UI Sparrow (IDO1108DH)	67	59.1	8.6	37	78	68	
WB1376CLP	65	<b>61.7</b>	10.1	34	72		
<i>Pritchett (4J0713366C)</i>	65	58.3	7.8	33	68	61	
ORCF-103	62	59.5	9.2	35	66	59	67
Masami	60	59.1	8.2	34	64	59	70
<b>EXPERIMENTAL LINES</b>							
KXB-01	<b>94</b>	58.5	7.6	37	88		
IDN 07-28017B	<b>87</b>	58.9	7.8	36	84		
LWW14-73163	<b>85</b>	58.9	8.4	38	85		
WA 8276	82	58.1	7.8	32			
LWW14-73161	80	58.4	7.6	36	78		
WA 8227	79	59.6	8.5	39	78		
IDN 09-15702A	78	59.9	9.6	34			
WA 8270	74	57.1	8.2	35			
<i>ARS20060123-31C</i>	74	57.2	7.4	35	79		
WA 8226	73	58.9	9.0	37	80		
IDN 06-03303B	72	58.8	8.2	34			
KWS 145	70	59.5	9.2	31			
OR2121086	70	59.7	8.6	35			
LWW14-74143	68	58.0	8.6	33			

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<b>WA 8271</b>	68	<b>61.2</b>	8.8	33			
<i>ARSDH08028-111C</i>	67	59.6	7.9	31			
<b>ORI2150031 CL+</b>	66	59.5	9.1	35			
<b>XA1101 CL+</b>	59	<b>61.7</b>	10.5	30			
<b>XA1401 CL+</b>	54	59.8	10.6	32			
<b>C.V. %</b>	11	1	10	5	10	10	9
<b>LSD (0.05)</b>	11	1.2	1.2	2	7	5	4
<b>Average</b>	73	59.4	8.5	35	76	64	72
<b>Highest</b>	94	61.9	10.6	40	88	73	79
<b>Lowest</b>	54	57.1	7.4	30	64	59	67

### Agronomic Information

Planting Date:	9/15/2016
Harvest Date:	8/3/2017
Seeding Rate (seeds/ft <sup>2</sup> ):	12
Previous Crop:	Fallow
Spring soil test:	
N (lb/ac) 4-ft sample	159
P (ppm-bicarb) 2-ft sample	48
S (lb/ac) 2-ft sample	34
pH (top 6 inches)	6.16
Herbicide:	
Powerflex, Tilt, Huskie, Starane Flex applied on 4/28.	

### Trial Notes:

1. The Harrington nursery was located about 5 miles southwest of Harrington, WA. All yield and test weight values within the 5% LSD range of the highest value are shown in bold.
2. Preplant fertilizer was 60#N. No additional fertilizer was applied.
3. Trial variation was above average but the results are still useful.

**Cooperator:** M. Kramer

\* 3-year average from 2017, 2016, 2014

\*\* 5-year average from 2017, 2016, 2014, 2013, 2012