

2016 WSU Variety Testing SW Winter Wheat Trial, Harrington

Variety Name <i>Club Italicized</i>	2016				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)
RELEASED VARIETIES							
SY 107	91	61.4	10.2	35	--	--	--
Xerpha	90	61.8	10.8	36	--	--	--
UI Sparrow (IDO1108DH)	88	61.8	10.6	37	--	--	--
Legion	83	60.1	10.5	41	--	--	--
Puma	83	61.5	11.2	41	--	--	--
Madsen	81	61.7	11.8	36	--	--	--
UI-WSU Huffman (IDN-03-29902A)	81	61.6	10.6	36	--	--	--
<i>Bruehl</i>	81	61.2	10.4	37	--	--	--
ORCF-102	80	62.0	11.4	39	--	--	--
<i>ARS-Crescent</i>	79	62.2	10.0	38	--	--	--
Otto	79	62.4	11.4	38	--	--	--
WB 1376CLP	79	62.5	12.4	37	--	--	--
WB 1529	78	62.8	11.4	36	--	--	--
Norwest Duet (LOR-092)	78	62.4	11.2	40	--	--	--
Mela CL+	77	62.9	11.1	38	--	--	--
Mary	77	61.0	10.9	35	--	--	--
WB 1843	77	61.9	11.2	37	--	--	--
WB 1604	73	62.5	10.9	36	--	--	--
<i>Pritchett (4J0713366C)</i>	71	62.0	11.1	35	--	--	--
UI Palouse CL+	71	60.8	12.0	34	--	--	--
Curiosity CL+	71	62.9	11.2	36	--	--	--
<i>Coda</i>	70	62.6	11.7	39	--	--	--
WB-Junction	70	62.5	11.3	35	--	--	--
UI Magic CL+	69	62.3	12.0	32	--	--	--
ORCF-103	69	62.2	11.1	32	--	--	--
UI Castle CL+	68	63.2	11.7	36	--	--	--
Masami	68	62.2	11.0	34	--	--	--
Eltan	64	63.1	10.7	35	--	--	--
EXPERIMENTAL LINES							
Otto-G2	89	62.3	11.3	37	--	--	--
04PN066-7	88	60.8	10.6	36	--	--	--
WA 8226	86	61.4	11.1	39	--	--	--
LWW14-73163	86	62.3	11.4	35	--	--	--
<i>ARS20060123-31C</i>	84	62.6	10.3	40	--	--	--
09PN005#25	84	61.2	11.0	37	--	--	--
KXB-01	83	62.4	10.9	37	--	--	--
IDN 07-28017B	82	63.0	10.6	37	--	--	--
Otto-0W	81	62.8	11.1	36	--	--	--
WA 8244	79	62.4	10.7	36	--	--	--
WA 8227	78	62.8	10.9	39	--	--	--
LWW14-71032	77	61.6	10.7	38	--	--	--
LWW14-73161	77	61.4	11.1	36	--	--	--
WA 8243	77	63.1	11.3	39	--	--	--
WA 8202	74	62.9	11.9	40	--	--	--

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WA 8251 (KXB-04)	69	63.2	10.5	43	--	--	--
LOR-913	68	60.8	11.4	36	--	--	--
<i>ARS06135-9C</i>	63	63.0	11.6	34	--	--	--
C.V. %	9	1	5	5	--	--	--
LSD (0.05)	10	0.5	0.8	2	--	--	--
Average	78	62.1	11.1	37	--	--	--
Highest	91	63.2	12.4	43	--	--	--
Lowest	63	60.1	10.0	32	--	--	--

Agronomic Information

Planting Date:	9/10/2015
Harvest Date:	8/1/2016
Seeding Rate (lbs/acre):	50
Previous Crop:	Fallow
Spring soil test:	
N (lb/ac) 4-ft sample	242
P (ppm-bicarb) 2-ft sample	32
S (lb/ac) 2-ft sample	36
pH (top 6 inches)	4.68
Herbicide:	
Outrider was applied in October, Powerflex in March. Fungicide was applied in May.	

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. August rains provided plentiful moisture for seeding, and emergence was not issue.
3. Stripe rust was observed early in the season, but a fungicide application kept it under control
4. This location had an average amount of variation, but still produced useful results. There are no long-term averages because the 2015 trial was not reported.

Cooperator: M. Kramer