

2016 WSU Variety Testing SW Winter Wheat Trial, Horse Heaven

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							
WB 1529	40	57.3	12.7	25			--
Eltan	40	56.7	12.8	26	33	35	--
Mary	39	53.3	13.5	26			--
Mela CL+	39	56.6	12.8	28	34	37	--
ORCF-102	39	56.5	13.8	26	33		--
Xerpha	39	54.8	13.3	27	33	36	--
Curiosity CL+	39	56.3	12.4	29	34	36	--
Norwest Duet (LOR-092)	39	54.6	13.0	29			--
UI Sparrow (IDO1108DH)	38	54.1	12.3	28	33	36	--
Legion	38	53.3	13.2	29			--
Puma	37	53.4	13.4	27	32	35	--
<i>Coda</i>	37	54.4	14.0	24	33	36	--
Otto	37	55.4	13.6	27	32	35	--
SY 107	37	51.4	13.3	24			--
UI-WSU Huffman (IDN-03-29902A)	36	54.7	12.5	26			--
WB-Junction	36	56.6	13.0	25	29	31	--
<i>Pritchett (4J0713366C)</i>	36	56.0	12.7	23	31		--
UI Magic CL+	35	55.4	13.0	26			--
UI Palouse CL+	35	53.2	14.0	26			--
WB 1376CLP	35	56.8	13.8	25			--
Madsen	35	55.6	13.7	25	29	32	--
<i>Bruehl</i>	35	54.3	13.9	26	31	33	--
WB 1604	35	54.8	13.5	27			--
ORCF-103	35	55.1	13.7	25	32	35	--
Masami	34	54.1	13.0	27	29	34	--
WB 1843	33	54.8	13.8	25			--
UI Castle CL+	32	54.0	13.4	27			--
<i>ARS-Crescent</i>	28	51.3	14.7	23	27	31	--
EXPERIMENTAL LINES							
Otto-G2	42	56.9	13.0	28			--
WA 8226	41	54.8	12.8	29			--
Otto-0W	40	56.2	12.9	28			--
LWW14-73161	40	52.9	13.7	27			--
LWW14-71032	39	54.3	12.6	26			--
KXB-01	39	55.4	13.0	28			--
IDN 07-28017B	38	56.1	12.3	24			--
LWW14-73163	37	54.8	13.3	26			--
ARS20060123-31C	37	51.7	12.9	24			--
<i>04PN066-7</i>	37	53.1	12.2	25			--
LOR-913	37	54.5	13.1	26			--
09PN005#25	36	53.0	13.1	27			--
WA 8251 (KXB-04)	36	56.3	13.4	29			--
<i>ARS06135-9C</i>	35	58.1	12.6	23			--
WA 8244	35	56.5	13.0	28			--

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WA 8243	34	54.9	12.2	26			--
WA 8227	33	54.4	12.9	29			--
WA 8202	32	55.5	13.7	26	30		--
C.V. %	8	2	4	5	8	8	--
LSD (0.05)	4	1.1	0.5	2	3	3	--
Average	37	54.8	13.1	26	32	34	--
Highest	42	58.1	14.7	29	34	37	--
Lowest	28	51.3	12.2	23	27	31	--

Agronomic Information

Planting Date:	10/28/2015
Harvest Date:	7/27/2016
Seeding Rate (lbs/acre):	50
Previous Crop:	Fallow
Spring soil test:	
N (lb/ac) 4-ft sample	212
P (ppm-bicarb) 2-ft sample	47
S (lb/ac) 2-ft sample	24
pH (top 6 inches)	6.59
Herbicide:	
Huskie, Powerflex, Tilt applied on 4/20	

Trial Notes:

- 1.** The Horse Heaven nursery was located about 12 miles SE of Prosser, WA. All yield and test weight values within the 5% LSD of the highest value are shown in bold.
- 2.** Stand establishment was good and the trial looked good throughout most of the growing season.
- 3.** Despite the higher than average yields, test weights were low and protein was high.

Cooperator: M. Schmitt

* 2-Year average from 2016 & 2014

** 3-Year average from 2016, 2014, 2013