

2016 WSU Variety Testing SW Winter Wheat Trial, Reardan

Variety Name <i>Club Italicized</i>	2016					2 Year	3 Year	5 Year
	YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	LODGING (%)	AVERAGE (BU/A)	AVERAGE (BU/A)	AVERAGE (BU/A)
RELEASED VARIETIES								
Xerpha	119	62.5	11.8	40	0	94	90	96
<i>ARS-Crescent</i>	117	62.6	11.1	38	0	96	93	97
Mary	116	62.1	11.5	36	0	90	85	90
Legion	115	61.8	11.0	40	0	91	86	
UI Sparrow (IDO1108DH)	112	61.2	11.0	37	0			
SY 107	111	62.4	11.2	37	0	92	87	
Puma	111	61.7	11.8	42	0	91	83	91
WB1843	109	62.6	12.4	37	0			
<i>Bruehl</i>	109	60.7	11.4	38	0	87	81	91
Madsen	107	61.8	12.4	36	0	81	76	83
<i>Coda</i>	103	63.1	12.2	40	2	86	79	85
Norwest Duet (LOR-092)	103	62.0	12.0	41	0			
<i>Pritchett (4J0713366C)</i>	102	61.6	11.5	38	0	83		
WB-Junction	101	62.7	11.5	36	0	83	81	
UI Palouse CL+	100	61.9	11.9	36	0			
ORCF-102	99	62.2	11.8	39	0	84	76	
UI-WSU Huffman (IDN-03-29902A)	97	62.1	11.0	36	0	78	77	
UI Castle CL+	97	62.7	12.9	36	0			
Otto	96	62.1	11.5	40	0	81	80	
Eltan	96	62.3	11.4	37	0	85	84	90
ORCF-103	95	62.0	11.6	35	0	80	77	84
WB1529	93	62.9	11.8	36	0	77		
WB1604	92	62.3	11.5	34	0	78		
UI Magic CL+	92	63.1	12.0	34	0			
Masami	92	61.5	10.8	35	0	80	78	85
Curiosity CL+	91	62.4	11.7	38	0	74		
Mela CL+	81	62.4	11.6	39	0	70		
WB1376CLP	77	63.4	13.6	36	0			
EXPERIMENTAL LINES								
LWW14-73163	116	63.2	11.5	36	0			
LWW14-73161	113	61.9	11.3	39	0			
WA 8243	111	62.0	11.2	39	0			
04PN066-7	111	61.6	10.9	37	0			
KXB-01	109	62.2	12.3	39	0			
LWW14-71032	109	62.1	11.8	39	0			
09PN005#25	108	61.7	11.3	38	0			
<i>ARS20060123-31C</i>	108	63.3	10.9	38	0	87		
Otto-G2	107	61.9	11.4	39	0			
Otto-0W	107	61.9	11.5	38	0			
WA 8244	103	63.0	11.5	37	0			
IDN 07-28017B	100	63.0	11.5	36	0			
WA 8227	97	62.2	10.8	40	0			
<i>ARS06135-9C</i>	96	63.0	12.3	39	0			
LOR-913	94	61.3	11.4	36	0			

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WA 8202	89	62.6	13.2	44	8			
WA 8251 (KXB-04)	88	61.8	11.0	44	0			
WA 8226	87	62.3	12.4	38	0			
C.V. %	7	0	2	5	--	6	6	7
LSD (0.05)	9	0.3	0.3	2	--	6	5	4
Average	102	62.3	11.7	38	0	84	82	89
Highest	119	63.4	13.6	44	8	96	93	97
Lowest	77	60.7	10.8	34	0	70	76	83

Agronomic Information

Planting Date:	9/16/2015
Harvest Date:	8/17/2016
Seeding Rate (lbs/acre):	85
Previous Crop:	Fallow
Spring soil test:	
N (lb/ac) 4-ft sample	184
P (ppm-bicarb) 2-ft sample	27
S (lb/ac) 2-ft sample	42
pH (top 6 inches)	4.69

Trial Notes:

1. The Reardan nursery was located about 7 miles west of Reardan, WA. All yield and test weight values within the 5 % LSD range of the highest value are shown in bold.
2. This location was planted with our no-till hoe drill. Stand establishment was a little uneven, and some plot-to-plot variation existed.

Cooperator: H. Johnson

Herbicide:

Huskie, PowerFlex, Tilt applied on 4/25. Second application of fungicide applied by the cooperator later on.