

2016 WSU Variety Testing SW Winter Wheat Trial, Lamont

Variety Name <i>Club Italicized</i>	2016						2 Year	3 Year	5 Year
	YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE	LODGING (%)	AVERAGE (BU/A)	AVERAGE (BU/A)	AVERAGE (BU/A)
RELEASED VARIETIES									
Legion	120	60.3	8.8	47	139	0			
<i>Pritchett (4J0713366C)</i>	115	60.3	11.2	45	146	13	98	92	
WB-Junction	114	62.6	9.9	43	136	0	105	95	
Puma	114	60.9	10.3	50	138	7	101	92	94
WB 1604	112	62.4	9.4	45	136	0			
UI-WSU Huffman (IDN-03-29902A)	111	61.3	10.9	44	142	0			
UI Castle CL+	110	62.3	10.2	43	143	0			
<i>Bruehl</i>	110	60.5	10.0	44	148	0	92	87	93
SY 107	110	61.0	9.4	42	141	0	98		
Norwest Duet (LOR-092)	109	62.6	10.3	49	143	17	103		
Xerpha	106	60.9	9.3	44	144	0	98	98	101
<i>ARS-Crescent</i>	104	60.5	9.9	43	147	0	98	95	97
WB 1529	103	62.4	9.8	42	139	0	89		
WB 1376CLP	103	63.0	11.7	43	139	0			
Mary	102	60.9	9.1	40	138	0			
Madsen	102	61.3	12.1	44	142	0	89	81	86
ORCF-102	101	61.0	10.8	46	140	0	98	89	
Curiosity CL+	98	62.4	9.9	46	147	0	86	84	83
Otto	97	62.2	11.0	43	149	0	86	83	86
UI Magic CL+	97	62.1	10.7	38	138	0			
UI Sparrow (IDO1108DH)	96	60.8	9.7	45	147	0			
Masami	93	60.6	9.7	42	147	0	89	91	94
UI Palouse CL+	93	61.6	10.1	38	140	0			
WB 1843	93	61.2	10.8	42	142	0			
<i>Coda</i>	91	62.4	10.0	46	147	17	85	83	91
ORCF-103	91	61.0	9.5	40	145	0	86	82	85
Eltan	90	61.8	9.7	42	148	8	78	80	82
Mela CL+	85	62.4	10.8	41	148	30	73	74	76
EXPERIMENTAL LINES									
04PN066-7	118	60.8	10.3	44	139	8			
LWW14-73161	116	61.3	10.1	45	140	12			
LWW14-73163	111	62.6	10.6	40	140	0			
KXB-01	109	61.6	9.8	43	142	0	103		
Otto-G2	108	62.3	10.6	44	149	8	82		
LWW14-71032	106	62.0	10.7	48	139	8			
09PN005#25	105	60.7	10.4	43	142	0			
LOR-913	105	60.7	10.3	40	137	0			
WA 8227	104	62.6	9.9	46	149	0	97		
WA 8243	104	61.6	10.6	46	148	0			
Otto-0W	97	62.2	10.2	44	149	0	86		
IDN 07-28017B	95	63.5	10.3	40	138	0			
WA 8244	92	62.0	10.5	42	144	25			
WA 8226	91	61.3	9.9	44	142	0	91		
WA 8202	88	63.1	12.1	46	144	0	82	83	

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WA 8251 (KXB-04)	81	62.1	9.3	52	148	0			
<i>ARS06135-9C *</i>									
<i>ARS20060123-31C *</i>									
C.V. %	9	1	9	4	1	--	9	8	9
LSD (0.05)	12	0.7	1.2	3	2	14	10	7	6
Average	101	61.7	10.3	44	143	3	91	87	89
Highest	120	63.5	12.1	52	149	30	105	98	101
Lowest	48	60.3	8.8	38	136	0	73	74	76

Agronomic Information

Planting Date:	9/9/2015
Harvest Date:	8/2/2016
Seeding Rate (lbs/acre):	85
Previous Crop:	Fallow
Spring soil test:	
N (lb/ac) 4-ft sample	194
P (ppm-bicarb) 2-ft sample	39
S (lb/ac) 2-ft sample	32
pH (top 6 inches)	4.86
Herbicide:	
Huskie, PowerFlex and Tilt applied on 3/31.	

Trial Notes:

1. The Lamont nursery was located about 5 miles southwest of Lamont, WA. 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 and moderate levels of stripe rust were observed on some of the more susceptible lines late in the growing season.
3. * = Data not presented due to deer feeding on these two awnless club

Cooperator: G. White