

2016 WSU Variety Testing SW Winter Wheat Trial, Almira

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	AVERAGE (BU/A)	AVERAGE (BU/A)	AVERAGE (BU/A)
RELEASED VARIETIES								
Legion	114	61.7	8.9	41	143			
<i>Bruehl</i>	113	60.7	9.4	40	147	79	79	96
SY 107	113	62.2	9.4	38	145	80		
Norwest Duet (LOR-092)	109	63.4	9.6	44	145	83		
UI Sparrow (IDO1108DH)	109	61.9	10.5	40	150			
Otto	108	62.5	9.5	39	147	78	78	94
Puma	106	62.1	10.3	42	142	82	79	97
<i>ARS-Crescent</i>	106	62.4	9.4	39	147	76	72	92
Xerpha	105	62.7	9.9	38	145	83	85	101
WB 1529	105	62.9	10.9	36	143	76		
UI Castle CL+	104	63.7	10.6	38	142			
Curiosity CL+	103	62.3	9.4	40	146	78	78	94
Eltan	103	62.3	9.2	40	148	76	77	94
ORCF-102	102	62.4	9.8	41	143	76	72	
WB 1843	100	62.7	9.8	38	143			
Masami	97	62.1	9.6	38	148	74	76	93
WB-Junction	97	61.7	11.1	37	144	75	75	
ORCF-103	96	62.0	10.0	36	148	73	73	91
Madsen	95	62.4	10.3	40	144	70	69	87
Mela CL+	95	62.6	9.3	40	147	71	75	90
WB 1604	95	62.3	10.3	36	141			
<i>Pritchett (4J0713366C)</i>	94	61.5	11.0	38	146	71	73	
<i>Coda</i>	92	63.3	10.5	41	147	69	70	86
UI Palouse CL+	90	62.2	10.0	35	144			
WB 1376CLP	90	63.5	11.4	38	141			
Mary	88	60.9	11.0	35	143			
UI-WSU Huffman (IDN-03-29902A)	85	62.3	10.7	37	145			
UI Magic CL+	83	62.3	11.6	35	142			
EXPERIMENTAL LINES								
LWW14-73161	129	62.5	9.7	41	142			
LWW14-73163	118	63.2	9.2	38	145			
WA 8243	107	62.3	9.4	39	147			
IDN 07-28017B	106	63.2	9.8	37	142			
Otto-0W	104	62.5	10.0	38	148	78		
Otto-G2	104	61.8	9.9	38	149	78		
WA 8244	104	63.3	9.1	39	144			
09PN005#25	102	62.3	9.8	38	143			
LWW14-71032	100	61.9	8.7	41	142			
WA 8227	100	62.6	10.3	39	149	76		
04PN066-7	99	62.0	10.8	37	145			
WA 8251 (KXB-04)	99	61.3	8.8	46	148			
WA 8226	97	62.3	10.3	40	147	75		
KXB-01	94	62.3	10.9	38	146	74		
WA 8202	92	63.5	10.0	43	144	71	69	

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<i>ARS20060123-31C</i>	91	62.3	9.0	40	143	68		
<i>ARS06135-9C</i>	86	62.2	9.7	39	144	65		
LOR-913	68	60.0	11.0	36	144			
C.V. %	9	1	12	4	0	9	9	8
LSD (0.05)	12	0.6	1.6	2	1	8	7	5
Average	100	62.3	10.0	39	145	75	75	93
Highest	129	63.7	11.6	46	150	83	85	101
Lowest	68	60.0	8.7	35	141	65	69	86

Agronomic Information

Planting Date: 9/11/2015
 Harvest Date: 8/11/2016
 Seeding Rate (lbs/acre): 85
 Previous Crop: Spring Wheat
 Spring soil test:
 N (lb/ac) 4-ft sample 214
 P (ppm-bicarb) 2-ft sample 56
 S (lb/ac) 2-ft sample 38
 pH (top 6 inches) 5.12
 Herbicide:
 Huskie, PowerFlex HL, Tilt on 4/27.

Trial Notes:

1. The Almira nursery was located about 12 miles north of Almira, WA. All yield and test weight values within the 5% LSD range of the highest value are shown in bold.
2. This nursery was seeded with a no-till drill with hoe openers. Fertilizer applied at planting was: 60#N, 10#P, 10#S.
3. The single application of fungicide kept stripe rust in check and only low levels of rust were observed on susceptible varieties.
4. Despite the relatively low C.V., there was a fair amount of variation in this trial.

Cooperator: D. McKay