

2016 WSU Variety Testing SW Winter Wheat Trial, Anatone

Variety Name <i>Club Italicized</i>	2016				2 Year*	3 Year**	5 Year***
	YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	HEAD DATE	AVERAGE (BU/A)	AVERAGE (BU/A)	AVERAGE (BU/A)
RELEASED VARIETIES							
Legion	104	60.3	7.2	139			
Otto	102	57.4	8.2	146	91	79	84
CuriosityCL+	101	58.8	8.2	144	92	79	90
WB 1604	100	60.1	7.2	138			
Mary	98	61.5	7.6	139			
UI Castle CL+	98	62.5	7.8	141			
WB-Junction	96	60.4	7.1	137	94	82	89
Xerpha	95	61.7	7.3	143	95	81	95
UI Sparrow (IDO1108DH)	95	60.1	6.9	143	94	80	
Puma	94	60.6	7.5	140	95	80	87
Pritchett (4J0713366C)	94	60.5	7.7	143	92		
Eltan	90	60.0	7.3	144	88	78	87
UI Magic CL+	90	60.8	8.2	138			
UI-WSU Huffman (IDN-03-29902A)	90	60.7	7.7	142			
WB 1843	90	62.3	7.9	142			
Masami	89	61.2	7.2	144	92	80	86
ORCF-103	89	60.8	7.6	144	90	79	84
<i>Bruehl</i>	88	59.2	7.0	144	88	75	85
Madsen	88	61.4	8.2	142	87	75	86
<i>ARS-Crescent</i>	87	61.2	7.5	143	87	76	84
MelaCL+	87	59.9	7.8	145	87	76	
ORCF-102	85	61.3	7.6	140	88		
Norwest Duet (LOR-092)	85	62.3	7.3	142			
SY 107	85	61.5	7.5	141			
WB 1376CLP	84	63.1	8.7	138			
<i>Coda</i>	83	62.8	8.1	144	87	74	83
WB 1529	81	62.0	7.6	139			
UI Palouse CL+ *	--	--	--	--			
EXPERIMENTAL LINES							
LWW14-73161	103	60.6	7.1	139			
LWW14-71032	97	61.4	6.9	139			
WA 8243	96	61.5	7.7	143			
09PN005#25	95	61.2	7.0	140			
LOR-913	95	60.1	8.4	138			
04PN066-7	94	60.6	7.6	139			
WA 8227	94	61.6	7.8	148			
Otto-0W	94	57.6	8.3	144			
LWW14-73163	94	62.6	8.0	140			
Otto-G2	94	58.3	8.6	145			
WA 8244	91	62.8	7.7	141			
KXB-01	88	61.9	7.7	143			
WA 8251 (KXB-04)	86	59.0	6.9	146			
WA 8202	79	62.5	7.9	140	84		
IDN 07-28017B *	--	--	--	--			

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<i>ARS06135-9C</i> *	--	--	--	--			
<i>ARS20060123-31C</i> *	--	--	--	--			
WA 8226 *	--	--	--	--			
C.V. %	9	1	6	1	8	8	7
LSD (0.05)	11	0.9	0.6	1	8	6	5
Average	92	60.9	7.6	142	90	78	89
Highest	104	63.1	8.7	148	95	82	101
Lowest	79	57.4	6.9	137	84	72	83

Agronomic Information

Planting Date:	9/15/2015
Harvest Date:	7/25/2016
Seeding Rate (lbs/acre):	85
Previous Crop:	Fallow
Spring soil test:	
N (lb/ac) 2-ft sample	206
P (ppm-bicarb) 2-ft sample	34
S (lb/ac) 2-ft sample	37
pH (top 6 inches)	6.20
Herbicide:	
Osprey, Olympus, MCPA, Propiconazole, Priaxor applied by cooperator in early April. A second fungicide application was applied mid-May.	

Trial Notes:

- 1.** The Anatone nursery was located about 5 miles north of Anatone, WA. All yield and test weight values within the 5% LSD range of the highest value are shown in bold.
- 2.** The ground was hard last fall, so our cooperator worked it for us prior to planting, to ensure that we could get our no-till hoe drill in the ground. Fertilizer was applied at planting and stand establishment was very good.
- 3.** Stripe rust was not an issue at this location.
- 4.** * = Severe deer feeding on these awnless entries prevented collection of yield data.
- 5.** There was a fair amount of variation in this trial, but it still produced useful results.

Cooperator: B. Ausman

* 2-Year average from 2016 & 2014

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

*** 5-Year average from 2016, 2014, 2013, 2012, 2011