

2017 WSU Variety Testing SW Winter Wheat Trial, Anatone

Variety Name <i>Club Italicized</i>	2017					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)
<b>RELEASED VARIETIES</b>								
Jasper	101	56.9	8.2	38	158			
Puma	96	57.6	8.3	41	155	95	95	84
WB1783	96	61.3	8.4	39	157			
<i>Pritchett (4J0713366C)</i>	94	58.5	7.8	41	160	94	93	
<i>ARS-Crescent</i>	94	57.9	7.8	38	161	91	89	81
WB1604	94	59.4	9.0	37	153	97		
SY Banks (SY 09PN005#25)	93	58.0	7.9	37	158	94		
Norwest Tandem (LOR-334)	93	58.9	8.0	32	154			
Xerpha	93	59.1	7.9	37	157	94	94	86
<i>Coda</i>	92	60.2	8.3	40	159	88	89	79
Norwest Duet (LOR-092)	92	58.9	7.7	39	158	89		
SY Command (SY 04PN066-7)	90	56.1	8.2	38	156	92		
UI Sparrow (IDO1108DH)	89	56.6	7.9	39	161	92	92	
UI Magic CL+	88	59.4	8.5	34	154	89		
UI Castle CL+	87	59.5	9.0	38	157	92		
WB1529	87	59.8	8.7	34	155	84		
SY 107	86	58.6	7.7	37	155	85		
<i>Bruehl</i>	85	55.4	7.3	40	161	86	87	78
WB1376CLP	84	62.4	9.3	36	155	84		
Mela CL+	84	58.8	7.9	40	161	85	86	79
ORCF-102	83	59.4	8.7	39	157	84	86	86
Mary	83	57.2	8.1	35	155	90		
Curiosity CL+	83	57.5	8.1	41	161	92	89	82
Legion	83	55.9	8.6	40	156	93		
Otto	82	56.5	8.4	40	162	92	88	82
Eltan	81	57.4	7.6	40	162	85	85	79
WB1843	79	60.0	9.1	37	158	84		
Masami	77	57.0	8.3	38	161	83	87	80
ORCF-103	75	58.3	8.6	37	161	82	85	78
<b>EXPERIMENTAL LINES</b>								
LWW14-73161	95	57.1	8.0	40	156	99		
KXB-01	94	58.2	7.3	38	157	91		
LWW14-73163	91	57.1	7.5	39	155	93		
WA 8271	89	59.3	7.7	39	160			
<i>ARSDH08028-111C</i>	88	58.7	8.1	38	159			
WA 8276	88	56.1	7.2	35	159			
WA 8227	87	58.2	8.0	38	162	91		
OR2121086	87	58.7	8.7	38	155			
IDN 07-28017B	86	58.5	9.0	37	155			
ORI2150031 CL+	86	58.3	9.4	38	156			
IDN 09-15702A	86	57.8	8.6	39	155			
IDN 06-03303B	82	56.6	8.5	39	156			
XA1101 CL+	80	60.5	9.5	37	154			
KWS 145	77	59.7	7.7	35	155			

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<b>WA 8226</b>	74	57.3	8.0	39	158			
<b>XA1401 CL+</b>	73	61.1	10.8	38	155			
<b>LWW14-74143</b>	71	53.7	7.0	35	154			
<b>WA 8270</b>	65	56.5	8.9	40	161			
<i>ARS20060123-31C<sup>#</sup></i>	--	--	--	--	--			
<b>C.V. %</b>	9	1	8	4	0	9	8	8
<b>LSD (0.05)</b>	11	1.2	0.9	2	1	8	6	4
<b>Average</b>	86	58.2	8.3	38	158	90	90	81
<b>Highest</b>	101	62.4	10.8	41	162	99	97	86
<b>Lowest</b>	65	53.7	7.0	32	153	82	85	78

### Agronomic Information

Planting Date: 9/20/2016  
Harvest Date: 7/25/2017  
Seeding Rate (seeds/ft<sup>2</sup>): 21  
Previous Crop: Fallow  
Spring soil test:  
    N (lb/ac) 2-ft sample 96  
    P (ppm-bicarb) 2-ft sample 70  
    S (lb/ac) 2-ft sample 37  
    pH (top 6 inches) 6.51  
Herbicide:  
Huskie & Tilt applied on 4/11; a second application of fungicide was applied by air the last week of 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. This location was seeded with a no-till drill with cross-slot openers. Fertilizer applied at planting was: 65#N, 14#P, 14#S. An additional 50#N was top dressed in the spring.
3. #=No data due to deer feeding

**Cooperator:** B. Ausman

\* 3-Year average from 2017, 2016, 2014

\*\* 5-Year average from 2017, 2016, 2014, 2013, 2012