

2017 WSU Variety Testing SW Winter Wheat Trial, Creston

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	LODGING (%)	SNOW MOLD <sup>1</sup>	AVERAGE (BU/A)	AVERAGE (BU/A)	AVERAGE (BU/A)
<b>RELEASED VARIETIES</b>										
Jasper	173	61.4	11.4	46	160	0	5.7			
WB1783	156	64.0	11.6	47	158	0	6.3			
Norwest Tandem (LOR-334)	150	61.8	10.9	40	157	0	7.0			
Norwest Duet (LOR-092)	149	62.0	10.2	52	161	0	7.0	138	117	
SY Banks (SY 09PN005#25)	146	60.9	10.9	45	159	0	6.3	131		
UI Sparrow (IDO1108DH)	145	60.7	10.3	48	166	0	7.3	133		
UI Magic CL+	144	63.0	12.1	41	156	0	5.0	122		
Legion	144	60.9	11.6	48	160	0	5.0	132		
Puma	143	61.9	12.3	50	159	0	5.0	128	110	98
Xerpha	141	61.9	10.8	44	164	0	6.0	127	110	103
<i>Pritchett (4J0713366C)</i>	139	60.8	9.4	46	161	0	6.3	127	108	
Otto	138	61.3	11.4	45	168	20	8.0	122	102	93
Masami	138	60.6	11.1	45	167	3	6.3	126	107	102
WB1529	137	63.8	10.8	41	156	0	5.0	125	105	
ORCF-102	135	62.4	11.5	48	161	0	5.0	124	106	
<i>Coda</i>	134	63.1	12.4	48	163	50	6.0	119	102	94
Curiosity CL+	133	61.8	11.3	48	167	32	8.0	122	100	94
UI Castle CL+	132	63.1	10.3	43	158	0	5.3	123		
Eltan	132	62.4	10.4	48	166	42	7.7	121	105	98
Mary	129	62.2	10.6	41	156	0	4.3	129		
<i>ARS-Crescent</i>	128	62.0	10.3	45	165	0	4.7	121	100	93
<i>Bruehl</i>	128	58.9	11.3	46	164	2	7.7	122	102	99
WB1843	127	62.1	10.9	45	162	0	6.0	122		
WB1604	127	62.2	11.5	43	153	0	4.0	117		
SY Command (SY 04PN066-7)	126	60.7	11.3	40	157	0	3.3	128		
SY 107	122	60.9	11.0	42	157	0	5.0	120	102	
Mela CL+	121	61.4	10.5	49	167	50	8.0	112	98	94
ORCF-103	114	61.4	11.9	43	167	0	6.3	114	99	93
WB1376CLP	105	63.8	13.6	42	157	0	3.3	107		
<b>EXPERIMENTAL LINES</b>										
IDN 09-15702A	157	62.0	11.7	46	157	0	7.3			
<i>ARS20060123-31C</i>	155	63.4	10.9	47	159	8	5.7	131	111	
LWW14-73161	150	61.3	10.7	48	157	0	5.7	141		
WA 8270	150	61.3	11.1	47	164	12	7.7			
IDN 06-03303B	149	60.7	11.2	46	158	0	6.7			
LWW14-73163	149	61.3	11.3	47	158	0	4.7	135		
WA 8227	149	62.0	11.5	48	167	0	7.7	131	110	
IDN 07-28017B	148	63.1	10.7	47	157	0	7.0			
KXB-01	145	61.9	11.2	44	162	0	6.7	131	113	
WA 8226	140	61.9	11.5	50	161	0	7.7	117	102	
KWS 145	138	63.2	11.0	44	156	0	7.3			
WA 8271	137	62.5	11.6	44	168	0	8.0			
WA 8276	137	61.1	10.3	39	165	0	6.0			
OR2121086	134	61.3	10.5	44	159	0	4.3			

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<i>ARSDH08028-111C</i>	128	62.3	11.6	43	161	7	4.3			
<b>ORI2150031 CL+</b>	123	61.5	12.5	43	157	0	4.0			
<b>XA1101 CL+</b>	109	62.7	13.0	41	153	0	4.0			
<b>XA1401 CL+</b>	90	62.5	13.5	40	156	0	3.7			
<b>LWW14-74143</b>	44	60.3	11.7	33	153	0	1.0			
<b>C.V. %</b>	8	1	6	3	1	--	11	8	8	7
<b>LSD (0.05)</b>	15	0.6	0.9	2	2	14	0.9	10	7	5
<b>Average</b>	135	61.9	11.3	45	160	5	5.8	125	106	100
<b>Highest</b>	173	64.0	13.6	52	168	50	8.0	141	122	124
<b>Lowest</b>	44	58.9	9.4	33	153	0	1.0	107	98	93

### Agronomic Information

Planting Date:	9/13/2016
Harvest Date:	8/14/2017
Seeding Rate (seeds/ft <sup>2</sup> ):	21
Previous Crop:	Fallow
Spring soil test:	
N (lb/ac) 4-ft sample	173
P (ppm-bicarb) 2-ft sample	65
S (lb/ac) 2-ft sample	45
pH (top 6 inches)	5.23
Herbicide:	
BroxM, Priaxor, Propiconazole applied at herbicide timing; Second application of fungicide (Alto) applied	

### Trial Notes:

1. The Creston nursery was located about 5 miles north of Creston, WA. All yield and test weight values within the 5% LSD range of the highest value are shown in bold.
2. Pre-plant fertilizer was: 80#N, 10#P, 10#S, 10#Cl.
3. This location received two applications of fungicide and stripe rust was not an issue.
4. While most entries recovered from snow mold, many entries still suffered yield losses as a result of snow mold.
5. <sup>1</sup> Snow mold ratings are based on spring regrowth/recovery from the disease (9=complete regrowth, 1=complete death).
6. This nursery looked great all year and produced extremely high yields.

**Cooperator:** B. Krause