

2016 WSU Variety Testing SW Winter Wheat Trial, Creston

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									
Mary	130	62.5	9.4	43	142	0			
Norwest Duet (LOR-092)	127	62.7	9.4	49	145	0	101		
Legion	121	60.2	10.8	45	145	0			
UI Sparrow (IDO1108DH)	121	61.3	8.5	43	144	0			
WB 1843	117	62.6	10.4	42	144	0			
SY 107	117	61.5	9.6	38	146	7	93		
Bruehl	116	60.3	9.1	43	147	0	89	81	90
Pritchett (4J0713366C)	115	60.6	8.9	43	144	0	93	82	
WB-Junction	114	61.3	9.0	43	141	0	94	82	
ORCF-103	114	61.9	9.4	39	146	0	92	81	88
UI Castle CL+	114	62.8	10.4	43	146	0			
WB 1529	114	62.8	10.6	41	142	0	89		
Puma	113	60.9	9.0	44	141	0	94	80	86
Masami	113	61.1	9.7	43	148	0	91	85	90
ARS-Crescent	113	61.7	9.7	43	146	0	86	77	85
ORCF-102	113	62.6	10.0	43	144	0	92	81	
Xerpha	112	62.5	9.4	43	146	0	94	87	92
Curiosity CL+	111	61.9	9.3	42	146	5	84	75	81
Eltan	110	61.7	9.0	44	144	0	91	82	89
WB 1376CLP	109	63.1	11.6	43	141	0			
WB 1604	108	62.2	10.3	40	142	0			
UI-WSU Huffman (IDN-03-29902A)	108	61.0	8.9	42	143	0			
Madsen	108	61.7	10.1	43	143	0	84	75	81
UI Palouse CL+	107	62.0	10.0	39	144	0			
Otto	106	62.0	10.4	42	146	0	84	74	81
Coda	103	62.7	10.3	45	146	38	86	77	82
Mela CL+	103	61.9	10.4	45	146	37	86	78	86
UI Magic CL+	99	62.3	9.9	37	143	0			
EXPERIMENTAL LINES									
LWW14-73161	132	61.0	9.2	44	143	0			
04PN066-7	131	61.0	9.5	41	142	0			
LWW14-73163	122	63.1	10.0	39	144	0			
LOR-913	120	60.1	10.4	41	142	0			
Otto-0W	118	61.6	10.2	43	147	18	94		
KXB-01	117	62.2	8.6	41	145	0	98		
Otto-G2	116	61.4	9.4	42	147	13	91		
09PN005#25	116	61.6	9.9	40	144	0			
WA 8227	113	61.9	10.5	43	150	0	91		
LWW14-71032	112	61.9	8.6	46	143	0			
WA 8243	112	61.0	9.4	43	147	0			
WA 8244	110	62.1	11.4	40	142	0			
ARS20060123-31C	107	62.7	10.0	43	143	13	89		
WA 8226	93	61.6	9.5	49	143	2	83		
WA 8251 (KXB-04)	83	61.2	11.1	50	145	23			

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WA 8202	82	62.3	11.5	45	144	35	73	67	
<i>ARS06135-9C *</i>									
IDN 07-28017B *									
C.V. %	8	1	10	6	--	--	7	7	7
LSD (0.05)	12	0.6	1.3	3	--	14	8	6	5
Average	112	61.8	9.8	43	144	4	90	79	86
Highest	132	63.2	11.6	50	150	38	101	87	92
Lowest	82	60.1	8.5	37	141	0	73	67	81

Agronomic Information

Planting Date:	9/11/2015
Harvest Date:	8/12/2016
Seeding Rate (lbs/acre):	85
Previous Crop:	Fallow
Spring soil test:	
N (lb/ac) 4-ft sample	216
P (ppm-bicarb) 2-ft sample	52
S (lb/ac) 2-ft sample	37
pH (top 6 inches)	5.26

Herbicide:
Huskie, PowerFlex HL, Tilt at herbicide timing.

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. This trial looked great all year. Only one fungicide application was made and low levels of rust were observed on susceptible varieties.
3. * = Severe damage from deer feeding, data not presented.

Cooperator: J. Krause