

2016 WSU Variety Testing SW Winter Wheat Trial, Pullman

Variety Name <i>Club Italicized</i>	2016					2 Year	3 Year	5 Year
	YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	LODGING (%)	AVERAGE (BU/A)	AVERAGE (BU/A)	AVERAGE (BU/A)
RELEASED VARIETIES								
Rosalyn	162	61.6	8.8	42	0	149	134	131
UI Sparrow (IDO1108DH)	155	60.6	9.3	48	0			
LCS Artdeco	151	62.4	9.3	40	0	135	128	126
WB-Junction	151	64.1	9.7	43	0	145	128	
SY 107	150	63.3	9.4	45	0	136	127	
Mary	150	63.0	9.5	42	0	143	131	127
ARS-Crescent	149	62.3	9.3	45	0	150	132	132
UI Castle CL+	148	63.2	10.1	44	0			
Legion	148	61.9	9.4	47	0	141	127	
ARS-Selbu	147	63.4	10.0	45	0	139	126	126
Puma	147	62.6	9.7	49	0	144	130	130
Bobtail	146	61.7	10.0	43	0	139	130	131
Norwest Duet (LOR-092)	145	62.8	9.6	50	0			
SY Ovation	143	62.5	9.8	45	0	130	118	
WB 523	143	63.8	10.3	44	0	129	123	
UI-WSU Huffman (IDN-03-29902A)	142	62.2	9.9	44	0	137	128	
UI Palouse CL+	141	62.4	9.9	43	0			
SY Assure (04PN096-2)	140	63.4	10.2	41	0			
WB 528	140	63.8	10.7	45	0	130	122	122
Xerpha	139	62.5	8.9	44	0	141	134	132
AP700 CL	138	63.1	9.6	46	0	128	118	
Cara	138	62.1	10.1	45	0	135	121	119
ORCF-102	138	62.3	9.6	46	0	135	126	
Madsen	137	62.3	10.3	42	0	132	121	122
UI Magic CL+	134	63.5	9.7	40	0			
WB 1604	134	63.7	10.0	42	0	122		
Curiosity CL+	131	61.7	9.5	46	0	120		
WB 1529	128	64.5	10.3	43	0	122		
Skiles	126	63.3	10.6	43	0	124	117	117
WB 1376CLP	126	64.9	11.7	44	0			
Mela CL+	117	60.7	10.0	46	52	119		
EXPERIMENTAL LINES								
WA 8232	162	63.5	9.5	46	0	153		
IDN 01-10704A	155	62.5	9.7	47	0	145	132	
KXB-01	149	62.3	10.2	46	0			
WA 8234	147	63.4	9.6	46	0	145		
IDN 06-18102A	147	61.8	9.4	41	0			
LWW14-73163	143	64.3	9.6	42	0			
IDN 06-03303B	142	61.9	9.5	43	0			
Xerpha-0W	142	62.3	9.4	44	0			
09PN062#18	142	62.8	10.0	43	0			
WA 8233	141	61.6	9.3	47	8	142		
WA 8235	140	62.7	10.0	40	0	131		
WA 8187	140	62.5	10.0	42	0	132	125	

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Xerpha-G2	140	62.2	9.4	42	0			
WA 8245	139	61.2	9.6	44	0			
IDN 07-28017B	137	63.8	9.5	43	0			
<i>ARS20060123-31C</i>	133	63.8	10.1	49	0	136		
OR2110526	132	63.1	9.9	44	0			
LOR-913	131	62.9	10.1	41	0			
<i>ARS06136-49C</i>	130	62.6	9.9	50	0			
WA 8206	130	62.0	10.2	42	0	132	123	
LOR-833	121	63.3	10.2	40	0			
C.V. %	4	1	4	4	--	5	5	5
LSD (0.05)	8	0.3	0.4	2	7	8	6	5
Average	141	62.7	9.8	44	1	136	126	126
Highest	162	64.9	11.7	50	52	153	134	132
Lowest	117	60.6	8.8	40	0	119	117	117

Agronomic Information

Planting Date:	9/25/2015
Harvest Date:	8/8/2016
Seeding Rate (lbs/acre):	95
Previous Crop:	Chickpeas
Spring soil test:	
N (lb/ac) 4-ft sample	303
P (ppm-bicarb) 2-ft sample	45
S (lb/ac) 2-ft sample	43
pH (top 6 inches)	4.95

Herbicide:

Zidua on 10/1; Express, Everest 2.0, Tilt, Peak, and Brox M on 3/29.

Trial Notes:

1. The Pullman nursery was located about 3 miles southeast of Pullman, WA. All yield, test weight, and protein values within the 5% LSD range of the highest value are shown in bold.
2. Only one application of fungicide was applied. Low levels of stripe rust were observed on susceptible varieties late in the growing season.

Cooperator: R. Druffel