

2016 WSU Variety Testing SW Winter Wheat Trial, Mayview

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								
LCS Artdeco	126	58.4	9.2	38	0	97	81	91
Rosalyn	125	62.0	8.6	42	0	107	87	93
SY Assure (04PN096-2)	123	61.3	10.6	40	0			
Skiles	123	62.1	10.4	40	0	109	88	94
WB1604	116	60.8	9.5	41	0	100		
Bobtail ¹	116	61.0	9.1	41	0			
SY Ovation	115	61.9	9.5	42	0	106	84	
UI Magic CL+	115	62.1	9.3	40	0			
WB-528	112	62.0	9.9	43	17	100	81	90
ARS-Crescent	111	60.5	9.2	41	0	95	77	90
Mary	109	59.2	9.3	41	0	104	84	94
SY 107	108	61.7	9.3	42	10	103	84	
UI Sparrow (IDO1108DH)	104	60.3	9.7	43	0			
WB-Junction	104	61.1	9.2	39	0	106	85	
Madsen	102	61.8	10.3	43	0	92	76	86
ORCF-102	101	61.2	9.1	45	0	102	85	
WB 523 ¹	99	62.1	10.3	43	0			
UI Palouse CL+	98	61.2	10.6	41	10			
WB1529	98	60.5	9.7	39	0	89		
WB1376CLP	93	62.2	12.4	43	3			
Legion ¹	93	60.9	9.6	44	0			
ARS-Selbu ¹	91	62.9	9.9	43	0			
Xerpha ¹	90	61.7	8.7	44	0			
AP700 CL ¹	88	60.8	9.4	41	0			
UI-WSU Huffman (IDN-03-29902A)	87	61.5	10.1	42	0	82	69	
UI Castle CL+	86	62.4	10.5	42	0			
Puma ¹	74	61.0	10.2	47	7			
Curiosity CL+ ¹	67	60.9	10.1	43	7			
Mela CL+ ¹	66	61.3	9.5	42	0			
Norwest Duet (LOR-092) ¹	53	62.3	9.8	48	0			
Cara *								
EXPERIMENTAL LINES								
09PN062#18	126	61.9	10.4	40	0			
IDN 06-03303B	120	61.3	9.5	41	0			
WA 8235	120	62.3	9.7	40	0	101		
IDN 07-28017B	119	62.8	9.3	41	0			
IDN 06-18102A	117	60.5	9.3	41	0			
LWW14-73163	114	62.8	9.6	39	0			
LOR-833	113	61.4	9.7	38	0			
WA 8232	110	63.5	9.7	45	0	102		
WA 8187	109	61.9	10.2	42	0	101	81	

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WA 8245	109	60.5	9.9	42	0			
OR2110526	104	61.0	9.9	39	0			
KXB-01 ¹	104	61.4	10.4	43	0			
IDN 01-10704A	103	61.0	9.8	45	0	86	72	
WA 8234	103	62.2	9.9	42	0	102		
WA 8206 ¹	101	61.7	10.1	42	0			
Xerpha-0W	94	61.6	10.0	43	0			
LOR-913 ¹	91	59.5	9.5	40	0			
Xerpha-G2 ¹	85	61.9	10.3	43	0			
WA 8233 ¹	58	60.6	9.7	44	0			
<i>ARS06136-49C *</i>								
<i>ARS20060123-31C *</i>								
C.V. %	8	1	7	4	--	8	8	7
LSD (0.05)	11	0.7	0.9	2	--	10	7	5
Average	102	61.4	9.8	42	1	99	81	91
Highest	126	63.5	12.4	48	17	109	88	94
Lowest	53	58.4	8.6	38	0	82	69	86

Agronomic Information

Planting Date:	10/2/2015
Harvest Date:	8/15/2016
Seeding Rate (lbs/acre):	85
Previous Crop:	Fallow
Spring soil test:	
N (lb/ac) 4-ft sample	210
P (ppm-bicarb) 2-ft sample	40
S (lb/ac) 2-ft sample	31
pH (top 6 inches)	4.47
Herbicide:	
Broadleaf herbicide and fungicide applied by cooperator.	

Trial Notes:

1. The Mayview nursery was located about 3.5 miles south of Lower Granite Dam. All yield and test weight values within the 5% LSD range of the highest value are shown in bold.
2. Only one application of fungicide was applied. A few "hot spots" developed in the trial on susceptible varieties, but rust was not wide-spread.
3. High winds that accompanied the storm on August 2nd, caused shattering in many of the taller entries (noted by ¹), some more severe than others. Yields are presented here for comparison purposes and to show the potential damage associated with shattering. To prevent bias, these entries will be excluded from long-term averages and summaries.
4. * = deer damage, data not shown

Cooperator: R. & R. Koller