

2016 WSU Variety Testing SW Winter Wheat Trial, Dayton

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	AVERAGE (BU/A)	AVERAGE (BU/A)	AVERAGE (BU/A)
RELEASED VARIETIES								
Rosalyn	126	60.6	10.0	38	141	106	90	107
Xerpha	122	62.4	10.8	40	145	105	90	106
Bobtail	118	59.7	10.5	37	140	96	80	102
Mary	118	61.2	11.1	36	139	104	89	109
Puma	117	60.8	11.0	42	142	102	86	106
Legion	116	60.0	11.4	39	144	96	81	
WB1529	115	62.7	10.9	35	139	98		
SY Assure (04PN096-2)	115	61.7	11.5	34	138			
ARS-Selbu	114	62.7	11.3	37	145	101	88	107
Norwest Duet (LOR-092)	113	61.8	10.7	41	141			
LCS Artdeco	113	58.8	10.3	33	138	101	83	108
SY 107	111	60.5	10.9	35	144	92	79	
WB-528	110	61.7	11.4	38	140	96	82	104
UI Sparrow (IDO1108DH)	109	60.4	10.8	40	146			
WB 523	108	61.8	11.0	36	141	92	77	
ORCF-102	108	61.9	11.3	39	142	91	77	
SY Ovation	108	62.0	11.3	36	144	95	83	
<i>Cara</i>	107	59.9	11.5	36	146	97	80	102
Skiles	106	61.3	11.8	34	140	92	79	99
WB-Junction	106	61.6	10.8	36	139	99	81	
WB1604	106	61.4	11.0	35	139	88		
Madsen	105	60.9	12.0	37	145	89	76	96
UI-WSU Huffman	104	61.4	11.2	38	145	88	75	
Curiosity CL+	101	61.5	11.1	38	147	84		
UI Castle CL+	101	60.6	12.3	39	145			
<i>ARS-Crescent</i>	101	59.6	11.6	36	147	88	75	98
UI Magic CL+	100	62.1	11.5	33	142			
UI Palouse CL+	100	60.7	11.9	35	145			
WB1376CLP	99	61.8	12.6	36	140			
Mela CL+	98	61.5	11.0	38	146	86		
AP700 CL	98	60.7	11.4	36	142	84	76	
EXPERIMENTAL LINES								
Xerpha-0W	116	61.9	11.3	38	146			
Xerpha-G2	115	61.7	11.1	38	144			
KXB-01	114	61.2	11.5	40	146			
WA 8245	113	60.2	11.4	36	145			
09PN062#18	112	61.0	10.8	35	144			
WA 8234	111	61.7	11.3	37	143	95		
<i>ARS20060123-31C</i>	111	61.7	11.0	38	145	96		
LOR-913	110	60.6	10.8	34	141			
LWW14-73163	108	62.3	11.3	36	144			
WA 8187	108	61.9	11.5	35	144	89	75	
WA 8232	108	62.2	11.1	36	144	95		
IDN 07-28017B	106	62.1	10.9	34	139			

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LOR-833	106	60.4	11.1	33	139			
IDN 06-03303B	105	59.7	11.2	34	145			
WA 8235	105	60.9	12.1	35	145	87		
<i>ARS06136-49C</i>	104	61.3	11.4	39	146			
IDN 06-18102A	104	60.3	11.5	34	145			
WA 8233	103	60.6	10.8	38	146	93		
WA 8206	103	61.6	11.7	37	145	93	79	
OR2110526	101	61.3	11.1	35	137			
IDN 01-10704A	100	60.3	10.9	37	144	82	71	
C.V. %	5	1	3	4	1	6	7	7
LSD (0.05)	7	0.8	0.4	2	2	7	6	5
Average	108	61.2	11.2	37	143	94	81	104
Highest	126	62.7	12.6	42	147	106	90	109
Lowest	98	58.8	10.0	33	137	82	71	96

Agronomic Information

Planting Date:	9/28/2015
Harvest Date:	8/23/2016
Seeding Rate (lbs/acre):	85
Previous Crop:	Chickpeas
Spring soil test:	
N (lb/ac) 4-ft sample	161
P (ppm-bicarb) 2-ft sample	51
S (lb/ac) 2-ft sample	38
pH (top 6 inches)	4.85

Trial Notes:

1. The Dayton nursery was located about 6 miles northwest of Dayton, WA. All yield and test weight values within the 5% LSD range of the highest value are shown in bold.
2. Two fungicide applications kept stripe rust under control.
3. No additional nitrogen was applied to the soft trial. Yield may have been limited due to low fertility.

Cooperator: J. Penner

Herbicide:

Herbicide and fungicide were applied by the cooperator. A second application of fungicide was also applied by the cooperator.