

2017 WSU Variety Testing SW Winter Wheat Trial, Dayton

Variety Name <i>Club Italicized</i>	2017				2 Year	3 Year	5 Year
	YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	AVERAGE (BU/A)	AVERAGE (BU/A)	AVERAGE (BU/A)
<b>RELEASED VARIETIES</b>							
Rosalyn	154	61.5	9.5	40	140	122	111
LCS Artdeco	146	63.5	9.9	39	129	116	106
SY Dayton (SY 09PN062#18)	141	63.6	10.0	38	126		
Norwest Tandem (LOR-334)	139	63.0	10.3	38			
SY Assure	139	<b>64.2</b>	10.5	42	127		
Xerpha	136	62.0	10.3	44	129	115	107
Bobtail	135	60.7	10.5	41	126	109	100
SY Banks (SY 09PN005#25)	132	62.1	10.2	41			
SY Command (SY 04PN066-7)	131	61.9	10.3	43			
Mary	131	63.2	11.2	41	124	113	106
WB-528	130	<b>64.1</b>	10.8	43	120	107	102
SY Ovation	130	63.6	10.4	41	119	106	103
LCS Biancor	129	62.6	10.1	36			
SY Raptor (SY 46#16)	129	63.2	10.0	40			
ARS-Selbu	128	63.3	11.2	43	121	110	103
Norwest Duet (LOR-092)	128	63.0	9.5	48	120		
WB1529	128	63.9	10.5	38	121	108	
WB 456	127	<b>64.6</b>	11.4	41			
Madsen	126	62.2	11.2	42	115	102	94
SY 107	125	62.8	10.3	42	118	103	
Tubbs 06	125	61.6	10.3	45			
LCS Drive (LWW12-7105)	124	62.9	10.1	34			
WB1604	124	<b>64.1</b>	10.7	41	115	100	
Stephens	121	62.7	10.4	40			
WB1783	121	<b>64.7</b>	11.0	44			
<i>Cara</i>	121	61.2	10.5	43	114	105	98
UI Sparrow (IDO1108DH)	121	59.5	10.8	46	115		
WB1843	120	63.2	11.2	42			
Brundage 96	120	62.6	10.9	43			
Puma	117	63.2	10.6	44	117	107	101
Jasper	117	60.7	11.4	46			
UI-WSU Huffman	114	61.9	10.3	46	109	97	93
Legion	114	59.7	11.1	44	115	102	97
ARS-Crescent	113	60.6	10.7	42	107	97	93
<b>EXPERIMENTAL LINES</b>							
LWW14-74143	151	61.5	9.0	43			
IDN 07-28017B	147	<b>64.2</b>	10.4	42	127		
LWW14-72916	147	63.9	9.7	36			
LWW14-71195	143	63.2	10.2	41			
SY 09PN062#04	140	63.9	10.9	41			
SY 09PN008#72	135	63.0	11.0	43			
WA 8232	134	63.4	10.2	44	121	108	
OR2121086	134	63.0	10.2	42			
WA 8234	133	63.9	11.0	44	122	108	

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<b>OR2121285</b>	131	62.3	11.1	39			
<b>IDN 06-03303B</b>	130	62.4	10.2	41	118		
<i>ARSDH08028-44C</i>	130	<b>64.2</b>	11.1	41			
<b>WA 8206</b>	130	<b>64.2</b>	11.3	45	117	105	
<b>IDN 09-15702A</b>	130	63.1	11.6	44			
<b>OR2121252</b>	128	62.6	10.2	39			
<b>IDN 02-29001A</b>	128	63.6	11.0	44			
<b>SY 05PN100-63</b>	125	60.7	11.1	45			
<b>OR2130485</b>	124	61.4	10.4	41			
<b>OR2101043</b>	122	62.1	10.5	43			
<i>ARS20040150-2C</i>	121	61.6	10.4	45			
<b>LWW14-73161</b>	121	61.8	10.6	44			
<b>WA 8245</b>	120	61.4	10.8	44	117		
<b>YS-206</b>	120	63.2	10.6	42			
<b>LWW14-73163</b>	119	61.7	10.5	45	114		
<b>IDN 09-08357A</b>	112	63.0	10.6	43			
<b>KWS 145</b>	95	<b>64.6</b>	11.1	43			
<b>C.V. %</b>	5	1	4	3	5	6	6
<b>LSD (0.05)</b>	9	0.6	0.5	2	6	5	4
<b>Average</b>	128	62.7	10.6	42	120	105	100
<b>Highest</b>	154	64.7	11.6	48	140	122	111
<b>Lowest</b>	95	59.5	9.0	34	107	96	89

### Agronomic Information

Planting Date:	9/28/2015
Harvest Date:	8/1/2017
Seeding Rate (seeds/ft <sup>2</sup> ):	21
Previous Crop:	Chickpeas
Spring soil test:	
N (lb/ac) 4-ft sample	253
P (ppm-bicarb) 2-ft sample	88
S (lb/ac) 2-ft sample	49
pH (top 6 inches)	6.1

Herbicide:

Herbicide and fungicide applied by cooperator; **Cooperator:** J. Penner  
 second fungicide application applied by  
 cooperator

### 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. The Dayton trial this year is a cooperation with Oregon State University and Northwest Grain Growers. This location contains a unique set of entries.
3. Long-term averages consist of results from this trial and previous WSU Variety Testing SWW Dayton trials.