

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)
RELEASED VARIETIES							
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	64.2	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	64.1	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	64.6	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	64.1	10.7	41	115	100	
Stephens	121	62.7	10.4	40			
WB1783	121	64.7	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
EXPERIMENTAL LINES							
LWW14-74143	151	61.5	9.0	43			
IDN 07-28017B	147	64.2	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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OR2121285	131	62.3	11.1	39			
IDN 06-03303B	130	62.4	10.2	41	118		
<i>ARSDH08028-44C</i>	130	64.2	11.1	41			
WA 8206	130	64.2	11.3	45	117	105	
IDN 09-15702A	130	63.1	11.6	44			
OR2121252	128	62.6	10.2	39			
IDN 02-29001A	128	63.6	11.0	44			
SY 05PN100-63	125	60.7	11.1	45			
OR2130485	124	61.4	10.4	41			
OR2101043	122	62.1	10.5	43			
<i>ARS20040150-2C</i>	121	61.6	10.4	45			
LWW14-73161	121	61.8	10.6	44			
WA 8245	120	61.4	10.8	44	117		
YS-206	120	63.2	10.6	42			
LWW14-73163	119	61.7	10.5	45	114		
IDN 09-08357A	112	63.0	10.6	43			
KWS 145	95	64.6	11.1	43			
C.V. %	5	1	4	3	5	6	6
LSD (0.05)	9	0.6	0.5	2	6	5	4
Average	128	62.7	10.6	42	120	105	100
Highest	154	64.7	11.6	48	140	122	111
Lowest	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 ²):	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.