

2017 WSU Variety Testing SW Winter Wheat Trial, Moses Lake

Variety Name	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							
Norwest Duet (LOR-092)	129	59.9	10.3	43	138		
WB-528	129	62.1	10.4	38			
WB1604	125	61.4	10.7	36	131	131	
Norwest Tandem (LOR-334)	125	60.0	10.3	33			
LCS Drive (LWW12-7105)	125	59.6	10.1	32			
Rosalyn	124	58.0	9.8	38	137	133	130
SY Assure	124	62.0	10.1	36	143		
WB1529	124	62.0	10.4	35	124	126	
Puma	122	59.4	10.5	41	131	122	133
LCS Artdeco	122	59.4	9.6	33	141	143	136
UI Magic CL+	122	60.5	10.5	35	131		
WB1783	121	62.7	10.9	38			
SY Dayton (SY 09PN062#18)	119	60.6	9.9	35	136		
Jasper	118	59.2	10.8	39			
WB 456	117	63.0	11.3	35	133	133	136
LCS Biancor	116	58.9	10.4	33			
UI-WSU Huffman	116	59.1	10.9	40	134	126	130
SY Ovation	115	61.2	9.9	36	143	136	142
UI Sparrow (IDO1108DH)	115	57.5	10.6	41	116		
Bobtail	115	55.9	10.5	37	129	128	132
WB1376CLP	111	63.8	11.4	37	125		
ORCF-102	110	59.7	11.0	40	119	121	
UI Castle CL+	110	60.4	11.1	37	128		
Mary	104	59.6	10.8	37	117	122	129
UI Palouse CL+	104	59.3	11.0	35	120		
EXPERIMENTAL LINES							
LWW14-74143	140	57.4	9.5	38			
IDN 07-28017B	130	61.0	10.7	38	147		
IDN 01-10704A	127	59.5	10.4	41			
LWW14-73163	127	59.2	10.3	39	143		
WA 8234	126	60.7	10.3	37			
LWW14-71195	124	60.6	10.4	36	145		
WA 8232	124	60.8	10.5	38	135	133	
IDN 02-29001A	124	61.0	11.0	38			
LWW14-72916	123	60.5	10.2	33			
WA 8245	117	58.5	10.6	38			
IDN 09-15702A	116	60.8	11.2	38			
OR2101043	115	58.5	10.8	36			
OR2121086	114	60.6	10.4	37			
XA1101 CL+	111	62.7	11.9	39			
KWS 145	104	63.3	10.4	36			
ORI2150031 CL+	100	59.8	11.3	37			
XA1401 CL+	90	62.6	12.9	36			

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C.V. %	5	1	3	3	8	9	8
LSD (0.05)	8	0.9	0.4	2	9	9	7
Average	118	60.3	10.6	37	133	127	133
Highest	140	63.8	12.9	43	147	143	142
Lowest	90	55.9	9.5	32	116	116	129

Agronomic Information

Planting Date: 10/7/2016
Harvest Date: 8/8/2017
Seeding Rate (seeds/ft²): 24
Previous Crop: Potatoes
Spring soil test:
 N (lb/ac) 4-ft sample 283
 P (ppm-bicarb) 2-ft sample 63
 S (lb/ac) 2-ft sample 89
 pH (top 6 inches) 7.29
Herbicide:
Bronc Max, Osprey, Huskie, 2,4-D,
Trivapro applied on 4/22; Growth
regulator and second fungicide
application later in season

Trial Notes:

1. The Moses Lake irrigated nursery was located about 16 miles northeast of Moses Lake, WA. All yield and test weight values within the 5% LSD range of the highest value are shown in bold.
2. Preplant fertilizer was 75#N.
3. This trial was irrigated with well water and did not receive "full" irrigation. Water schedule was about 0.4 inches per week.
4. A growth regulator was applied to this trial by the cooperator and there was no lodging.
5. Some stripe rust was present late in the season but it did not seem to have a significant impact on yield.

Cooperator: Stahl Farms