

2017 WSU Variety Testing SW Winter Wheat Trial, Pasco

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							
Bobtail	154	63.6	9.9	36	143	--	--
Rosalyn	151	63.6	10.0	38	137	--	--
Norwest Duet (LOR-092)	151	65.7	10.9	41	135	--	--
Jasper	149	65.1	10.2	39		--	--
LCS Biancor	145	64.8	9.6	33		--	--
SY Ovation	145	65.1	10.3	38	139	--	--
SY Dayton (SY 09PN062#18)	144	65.1	10.4	36	128	--	--
LCS Artdeco	143	64.0	9.7	34	137	--	--
Puma	141	65.0	10.4	40	136	--	--
UI Sparrow (IDO1108DH)	141	64.2	9.5	42	121	--	--
WB-528	139	65.9	10.5	37		--	--
SY Assure	138	65.8	10.6	37	129	--	--
LCS Drive (LWW12-7105)	136	64.0	9.8	32		--	--
Norwest Tandem (LOR-334)	136	65.1	10.4	33		--	--
UI-WSU Huffman	136	64.8	10.2	39	129	--	--
UI Magic CL+	136	65.8	10.4	34	134	--	--
WB1783	135	66.8	10.8	37		--	--
Mary	134	65.0	10.4	36	122	--	--
WB1604	133	65.2	9.8	37	132	--	--
WB1529	132	66.3	10.0	35	122	--	--
UI Castle CL+	130	65.9	10.2	38	119	--	--
ORCF-102	130	65.0	10.1	40	121	--	--
WB 456	128	66.8	11.3	35	133	--	--
WB1376CLP	125	66.9	11.0	37	122	--	--
UI Palouse CL+	113	63.8	11.3	35	120	--	--
EXPERIMENTAL LINES							
LWW14-74143	153	62.5	9.1	37		--	--
LWW14-72916	152	65.3	9.9	32			
LWW14-73163	150	64.6	10.0	39	151		
LWW14-71195	140	64.6	10.5	35	140	--	--
IDN 01-10704A	140	64.9	10.0	40		--	--
IDN 07-28017B	140	65.0	10.9	36	146	--	--
WA 8234	139	65.7	9.9	36		--	--
IDN 02-29001A	139	66.2	10.5	38		--	--
WA 8232	139	66.4	9.6	38	134	--	--
WA 8245	134	63.8	10.6	39		--	--
IDN 09-15702A	134	65.4	10.3	39		--	--
OR2101043	133	64.2	10.1	36		--	--
KWS 145	124	66.6	10.9	37		--	--
OR2121086	124	64.7	10.1	37		--	--
ORI2150031 CL+	123	64.4	11.4	37		--	--
XA1101 CL+	119	65.9	10.9	38		--	--
XA1401 CL+	92	66.1	12.6	39		--	--
C.V. %	5	1	3	3	8	--	--

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LSD (0.05)	10	0.4	0.5	1	10	--	--
Average	136	65.1	10.4	37	132	--	--
Highest	154	66.9	12.6	42	151	--	--
Lowest	92	62.5	9.1	32	119	--	--

Agronomic Information

Planting Date:	10/7/2016
Harvest Date:	7/21/2017
Seeding Rate (seeds/ft ²):	24
Previous Crop:	Potatoes
Spring soil test:	
N (lb/ac) 4-ft sample	190
P (ppm-bicarb) 2-ft sample	56
S (lb/ac) 2-ft sample	78
pH (top 6 inches)	5.96

Trial Notes:

- 1.** The irrigated Pasco trial was located about 7 miles NE of Pasco, WA. All yield and test weight values within the 5% LSD range of the highest value are shown in bold.
- 2.** On 3/9, 100#N and 20#S were top dressed on the trial. An additional 80#N and 10#S were added via irrigation during the growing season.
- 3.** Note that a growth regulator was applied to the trial and there was no lodging.

Herbicide:

Cooperator: J. Macbeth

Affinity Broadspec, Starane Ultra & Tilt applied at herbicide timing; Ethephon 2 growth regulator applied via air; Second application of fungicide also applied via air.