

2016 WSU Variety Testing SW Winter Wheat Trial, Pasco

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	LODGING (%)	AVERAGE (BU/A)	AVERAGE (BU/A)	AVERAGE (BU/A)
RELEASED VARIETIES									
AP700 CL	144	59.1	13.0	41	126	25	--	--	--
WB 456	138	61.8	13.2	40	124	55	--	--	--
SY Ovation	134	60.2	12.2	41	126	55	--	--	--
Bobtail	132	58.6	12.7	39	128	55	--	--	--
UI Magic CL+	132	60.8	12.5	37	126	25	--	--	--
Puma	131	59.9	13.3	44	125	83	--	--	--
WB 1604	131	61.0	12.6	40	124	75	--	--	--
LCS Artdeco	131	58.5	11.9	38	119	57	--	--	--
SY 107	128	60.2	11.8	39	126	60	--	--	--
UI Palouse CL+	128	59.2	13.0	39	130	35	--	--	--
Skiles	126	60.3	13.4	41	127	58	--	--	--
Legion	124	59.2	12.3	40	127	88	--	--	--
UI-WSU Huffman (IDN-03-29902A)	123	59.3	12.6	41	130	57	--	--	--
Rosalyn	122	59.2	12.3	42	128	80	--	--	--
SY Assure (04PN096-2)	121	61.2	12.6	35	120	62	--	--	--
WB-Junction	121	60.4	12.3	41	122	88	--	--	--
WB 1376CLP	119	61.3	13.6	41	126	52	--	--	--
Norwest Duet (LOR-092)	118	59.9	13.5	45	128	52	--	--	--
WB 1529	113	61.1	13.2	38	126	68	--	--	--
ORCF-102	112	59.9	12.9	43	126	63	--	--	--
Mary	110	58.3	12.5	39	125	55	--	--	--
WB 1843	108	60.4	13.3	41	127	60	--	--	--
UI Castle CL+	107	60.6	13.3	40	129	83	--	--	--
UI Sparrow (IDO1108DH)	102	58.6	12.4	46	133	80	--	--	--
Xerpha	96	58.6	12.5	41	131	93	--	--	--
EXPERIMENTAL LINES									
IDN 07-28017B	153	60.8	12.5	39	125	33	--	--	--
LWW14-73163	152	61.0	12.5	41	127	52	--	--	--
LOR-833	146	59.0	12.5	35	123	30	--	--	--
LWW14-71195	140	59.8	12.0	41	122	42	--	--	--
OR2110526	139	60.5	12.2	38	121	77	--	--	--
OR2090473	130	57.7	13.0	40	126	65	--	--	--
WA 8232	129	61.6	12.5	41	126	67	--	--	--
WA 8206	128	60.1	13.0	42	130	60	--	--	--
LOR-913	128	59.5	12.2	40	124	68	--	--	--
WA 8187	126	59.6	13.0	40	128	52	--	--	--
IDN 06-18102A	123	58.0	12.7	41	128	82	--	--	--
IDN 06-03303B	117	58.0	12.9	42	129	33	--	--	--
KWS 040	113	60.9	12.5	42	119	62	--	--	--
09PN062#18	112	60.0	12.3	38	126	82	--	--	--
KWS 034	108	61.1	12.7	41	125	63	--	--	--
C.V. %	10	1	3	4	1	33	--	--	--
LSD (0.05)	14	0.6	0.4	2	1	22	--	--	--
Average	125	59.9	12.7	40	126	61	--	--	--

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Highest	153	61.8	13.6	46	133	93	--	--	--
Lowest	96	57.7	11.8	35	119	25	--	--	--

Agronomic Information

Planting Date:	10/7/2015
Harvest Date:	7/28/2016
Seeding Rate (lbs/acre):	95
Previous Crop:	Potatoes
Spring soil test:	
N (lb/ac) 4-ft sample	498
P (ppm-bicarb) 2-ft sample	21
S (lb/ac) 2-ft sample	138
pH (top 6 inches)	5.77

Trial Notes:

- 1.** This is a new location for 2016. 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.** Despite the two fungicide applications, stripe rust still developed and likely caused some yield loss on susceptible varieties.
- 3.** Excess nitrogen caused significant lodging across the trial. Even shorter entries lodged as a result of the neighboring plot pushing on it.
- 4.** The irrigated trials contain a unique set of entries, some of which are not found in the rainfed trials.

Herbicide:

Broadleaf herbicide and fungicide were applied by the cooperator. A second fungicide application was also applied by the grower

Cooperator: J Rogers