

2017 WSU Variety Testing SW Winter Wheat Trial, Eureka

Variety Name <i>Club Italicized</i>	2017						2 Year	3 Year	5 Year
	YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE	SNOW MOLD <sup>1</sup>	AVERAGE (BU/A)	AVERAGE (BU/A)	AVERAGE (BU/A)
<b>RELEASED VARIETIES</b>									
Bobtail	72	61.0	9.3	31	145	6.7	--	--	--
Otto	67	62.7	11.1	35	151	8.0	--	--	--
Rosalyn	64	62.3	9.4	30	144	6.0	--	--	--
Eltan	64	63.7	10.1	35	149	8.0	--	--	--
Xerpha	63	63.6	10.4	32	148	5.7	--	--	--
Jasper	62	63.2	10.6	31	145	6.3	--	--	--
<i>Bruehl</i>	61	63.0	10.7	35	150	6.7	--	--	--
Norwest Duet (LOR-092)	58	63.7	10.6	34	145	6.3	--	--	--
SY 05PN100-63	58	63.1	11.5	31	146	6.3	--	--	--
SY Dayton (SY 09PN062#18)	58	63.9	10.4	29	144	4.7	--	--	--
Norwest Tandem (LOR-334)	57	63.4	11.0	28	143	5.3	--	--	--
SY Banks (SY 09PN005#25)	56	62.8	10.2	31	144	6.7	--	--	--
<i>Coda</i>	55	<b>65.1</b>	10.7	31	148	5.3	--	--	--
WB1529	53	64.4	11.6	29	144	7.0	--	--	--
Puma	52	63.9	11.7	32	146	4.3	--	--	--
<i>Pritchett (4J0713366C)</i>	52	63.8	10.7	31	149	5.7	--	--	--
SY Ovation	50	63.4	10.9	30	144	4.7	--	--	--
SY Raptor (SY 46#16)	50	62.9	11.0	31	145	4.3	--	--	--
SY 107	50	63.6	10.6	30	147	5.3	--	--	--
LCS Artdeco	50	62.9	10.2	27	143	5.7	--	--	--
WB1843	50	63.8	10.7	28	147	4.7	--	--	--
Mary	49	62.9	10.1	29	144	6.3	--	--	--
Masami	46	62.8	10.7	31	149	4.7	--	--	--
SY Assure	46	<b>64.6</b>	12.0	29	143	4.0	--	--	--
LCS Drive (LWW12-7105)	46	62.5	10.9	27	143	6.7	--	--	--
UI Sparrow (IDO1108DH)	45	62.6	11.5	32	149	4.3	--	--	--
WB1783	45	<b>65.0</b>	11.8	32	144	5.7	--	--	--
Legion	45	63.2	11.1	32	147	5.7	--	--	--
Stephens	44	62.6	10.8	30	144	5.7	--	--	--
Tubbs 06	44	62.9	11.1	31	146	4.0	--	--	--
<i>ARS-Crescent</i>	43	62.8	10.9	26	153	2.7	--	--	--
SY Command (SY 04PN066-7)	43	62.3	10.7	28	147	3.3	--	--	--
LCS Biancor	40	62.7	10.2	25	144	4.3	--	--	--
<b>EXPERIMENTAL LINES</b>									
LWW14-72916	71	63.4	9.3	27	143	6.3	--	--	--
WA 8270	64	63.0	10.6	32	148	7.3	--	--	--
WA 8271	61	64.1	10.9	30	149	7.7	--	--	--
LWW14-71195	59	62.9	10.8	32	143	7.0	--	--	--
LWW14-73161	59	63.4	10.9	32	144	5.7	--	--	--
KWS 145	59	64.0	10.8	28	143	6.0	--	--	--
IDN 07-28017B	57	<b>64.6</b>	10.8	32	143	6.3	--	--	--
WA 8276	57	63.5	10.3	30	148	5.3	--	--	--
LWW14-73163	57	63.4	11.2	31	145	4.7	--	--	--
IDN 09-15702A	56	64.1	11.8	31	144	7.7	--	--	--

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	YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE	SNOW MOLD <sup>1</sup>	AVERAGE (BU/A)	AVERAGE (BU/A)	AVERAGE (BU/A)
<b>IDN 06-03303B</b>	55	62.6	9.9	30	144	6.3	--	--	--
<b>OR2121285</b>	55	63.2	11.8	28	144	5.7	--	--	--
<b>WA 8227</b>	55	63.1	10.5	34	151	5.0	--	--	--
<b>OR2121086</b>	54	63.3	11.0	32	144	6.3	--	--	--
<b>WA 8226</b>	52	62.7	11.7	31	148	6.3	--	--	--
<i>ARS20060123-31C</i>	52	63.6	9.6	29	145	4.3	--	--	--
<b>SY 09PN062#04</b>	50	64.1	11.4	29	144	5.3	--	--	--
<b>IDN 02-29001A</b>	50	64.4	11.9	32	144	6.3	--	--	--
<b>SY 09PN008#72</b>	48	64.1	11.2	29	145	5.7	--	--	--
<b>WA 8232</b>	48	64.4	10.7	30	146	5.3	--	--	--
<b>LWW14-74143</b>	47	62.3	10.2	29	143	4.0	--	--	--
<b>IDN 09-08357A</b>	45	63.9	11.3	30	143	6.7	--	--	--
<b>WA 8206</b>	45	64.5	12.3	31	144	5.0	--	--	--
<b>OR2130485</b>	44	62.6	11.4	29	145	4.7	--	--	--
<b>WA 8234</b>	40	64.2	11.6	29	144	4.3	--	--	--
<i>ARSDH08028-111C</i>	34	64.0	12.6	28	151	2.7	--	--	--
<b>OR2121252</b>	29	62.6	11.8	25	145	3.0	--	--	--
<b>C.V. %</b>	9	1	4	5	1	17	--	--	--
<b>LSD (0.05)</b>	7	0.5	0.5	2	1	1.3	--	--	--
<b>Average</b>	52	63.4	10.9	30	146	5.5	--	--	--
<b>Highest</b>	72	65.1	12.6	35	153	8.0	--	--	--
<b>Lowest</b>	29	61.0	9.3	25	143	2.7	--	--	--

### Agronomic Information

Planting Date:	10/7/2016
Harvest Date:	7/18/2017
Seeding Rate (seeds/ft <sup>2</sup> ):	21
Previous Crop:	Fallow
Spring soil test:	
N (lb/ac) 4-ft sample	201
P (ppm-bicarb) 2-ft sample	48
S (lb/ac) 2-ft sample	28
pH (top 6 inches)	5.99

Herbicide:  
Spring herbicide applied by cooperator

### Trial Notes:

1. The Eureka nursery was located about 12 miles west of Prescott, WA. All yield and test weight values within the 5% LSD range of the highest value are shown in bold.
2. This is the first year we've had the hard winter trial at Eureka, so there are no long-term averages. This trial is a cooperative effort with Oregon State University and Northwest Grain Growers. This location contains a unique set of entries.
3. <sup>1</sup> Snow mold ratings are based on spring regrowth/recovery from the disease (9=complete regrowth, 1=complete death).

**Cooperator:** G. Struthers