

2017 WSU Variety Testing SW Winter Wheat Trial, Almira

Variety Name <i>Club Italicized</i>	2017						2 Year	3 Year	5 Year
	YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	LODGING (%)	SNOW MOLD ¹	AVERAGE (BU/A)	AVERAGE (BU/A)	AVERAGE (BU/A)
RELEASED VARIETIES									
Norwest Duet (LOR-092)	132	60.5	11.4	47	0	6.7	120	99	
Norwest Tandem (LOR-334)	122	59.1	11.4	38	0	6.7			
SY Banks (SY 09PN005#25)	119	57.8	11.1	42	0	6.7	110		
WB1783	111	62.2	11.8	44	0	6.3			
UI Sparrow (IDO1108DH)	110	57.4	11.0	43	0	7.3	109		
Jasper	108	56.7	11.0	41	0	6.0			
SY Command (SY 04PN066-7)	103	58.1	10.7	37	0	4.3	101		
ORCF-102	102	60.3	11.6	45	0	4.7	102	84	
WB1529	100	61.3	11.2	37	0	6.0	102	84	
Mary	100	57.6	11.8	40	0	6.0	94		
WB1604	99	61.3	10.7	39	0	5.0	97		
Curiosity CL+	99	58.2	11.4	45	0	7.7	101	85	90
Puma	98	59.9	11.1	44	0	4.3	102	88	92
Xerpha	97	57.7	11.1	41	0	5.3	101	88	95
<i>Pritchett (4J0713366C)</i>	97	57.4	11.2	41	0	6.7	96	80	
<i>ARS-Crescent</i>	97	57.8	11.3	41	0	4.7	102	83	85
UI Magic CL+	97	59.2	12.2	36	0	5.0	90		
Mela CL+	97	56.4	11.6	45	0	8.0	96	80	86
Legion	96	58.8	10.2	44	0	5.0	105		
<i>Coda</i>	95	58.9	11.7	43	2	6.3	94	78	83
Otto	93	59.3	12.4	44	0	8.0	100	83	89
UI Castle CL+	93	58.3	11.2	41	0	4.7	99		
<i>Bruehl</i>	91	54.7	12.3	45	13	7.7	102	83	90
Eltan	90	58.9	11.1	44	0	8.0	96	81	88
WB1843	90	55.2	11.1	41	0	6.3	95		
Masami	88	54.9	12.3	43	0	7.0	93	79	87
SY 107	88	58.2	11.0	39	0	3.7	100	83	
WB1376CLP	87	62.6	12.2	40	0	3.7	88		
ORCF-103	71	57.4	11.0	40	0	5.7	84	73	82
EXPERIMENTAL LINES									
KXB-01	120	59.4	11.1	43	0	5.3	107	89	
LWW14-73163	116	58.6	11.0	42	0	5.3	117		
KWS 145	113	61.8	11.6	40	2	7.0			
LWW14-73161	110	57.0	12.0	43	0	5.7	119		
WA 8270	110	55.4	11.6	44	0	7.0			
WA 8271	109	59.2	11.1	42	0	8.0			
OR2121086	107	58.6	11.2	41	0	5.3			
IDN 09-15702A	106	57.1	11.9	43	0	7.7			
WA 8226	106	59.7	11.7	45	0	7.0	102	86	
<i>ARS20060123-31C</i>	104	58.9	10.6	44	0	6.0	97	80	
IDN 07-28017B	103	59.3	11.4	40	0	6.3	104		
WA 8227	103	58.3	11.8	46	0	6.7	101	85	
IDN 06-03303B	100	56.4	10.5	40	0	6.3			
WA 8276	99	57.4	11.1	37	0	6.0			

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<i>ARSDH08028-111C</i>	99	59.3	11.5	40	0	5.0			
ORI2150031 CL+	94	58.9	11.5	42	0	5.7			
LWW14-74143	88	59.2	10.6	35	0	2.3			
XA1101 CL+	86	61.5	13.1	38	0	5.0			
XA1401 CL+	80	61.5	12.6	36	0	4.3			
C.V. %	9	2	9	5	--	11	9	9	9
LSD (0.05)	13	1.8	1.4	3	5	0.9	9	6	5
Average	100	58.6	11.4	41	0	5.9	101	83	90
Highest	132	62.6	13.1	47	13	8.0	120	99	104
Lowest	71	54.7	10.2	35	0	2.3	84	73	82

Agronomic Information

Planting Date:	9/16/2016
Harvest Date:	8/11/2017
Seeding Rate (seeds/ft ²):	21
Previous Crop:	Fallow
Spring soil test:	
N (lb/ac) 4-ft sample	289
P (ppm-bicarb) 2-ft sample	48
S (lb/ac) 2-ft sample	33
pH (top 6 inches)	5.23
Herbicide:	
Huskie & Tilt applied on, 4/8	

Trial Notes:

1. The Almira nursery was located about 9 miles north of Almira, WA. All yield and test weight values within the 5% LSD range of the highest value are shown in bold.
2. This nursery was seeded with a conventional hoe drill.
3. **Note**--This location received only one fungicide application. Stripe rust moved in late on susceptible varieties and limited yield potential.
4. While most entries recovered very well, snow mold still impacted yield potential of some entries.
5. ¹ Snow mold ratings are based on spring regrowth/recovery from the disease (9=complete regrowth, 1=complete death).
6. Plenty of nitrogen and heat during late grain-fill led to high protein in some entries.

Cooperator: D. McKay