

2017 WSU Variety Testing SW Winter Wheat Trial, Lind

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	AVERAGE (BU/A)	AVERAGE (BU/A)	AVERAGE (BU/A)
RELEASED VARIETIES								
Norwest Duet (LOR-092)	70	61.6	11.6	37	149	65	56	
Mela CL+	68	61.4	11.1	34	152	63	57	49
<i>Coda</i>	67	61.9	11.3	31	149	63	53	46
Curiosity CL+	63	62.1	10.6	33	151	60	54	47
Otto	63	60.8	12.2	34	152	62	55	49
SY Banks (SY 09PN005#25)	62	61.1	11.2	29	148	60		
<i>Pritchett (4J0713366C)</i>	61	59.1	10.4	31	150	59	52	
SY 107	59	62.6	11.1	26	149	57	47	
Xerpha	58	62.0	11.1	33	150	57	51	48
ORCF-102	57	60.5	11.9	30	148	56	51	
Norwest Tandem (LOR-334)	57	60.7	11.9	29	143			
<i>ARS-Crescent</i>	56	61.8	11.0	30	152	59	53	47
WB1529	55	63.0	11.7	30	145	60	50	
WB1843	53	60.0	11.7	29	148	52		
UI Sparrow (IDO1108DH)	53	60.5	11.7	29	151	57		
Eltan	53	62.4	10.8	33	151	50	48	44
Legion	53	61.1	11.0	32	148	56		
<i>Bruehl</i>	52	60.5	11.3	35	152	60	52	44
WB1604	52	63.2	12.2	34	141	51		
Mary	52	61.6	10.5	29	146	51		
Jasper	52	60.6	12.1	30	148			
Puma	49	61.8	11.5	31	148	56	51	44
Masami	48	61.3	10.5	32	151	49	49	44
UI Castle CL+	46	62.2	11.9	29	150	49		
SY Command (SY 04PN066-7)	45	61.1	11.4	28	150	56		
WB1376CLP	44	61.9	13.2	31	146	51		
UI Magic CL+	43	61.9	12.2	28	145	45		
ORCF-103	36	61.4	11.7	28	153	41	40	38
EXPERIMENTAL LINES								
<i>ARS20060123-31C</i>	78	61.2	10.1	35	148	69	61	
KXB-01	73	61.8	11.6	32	150	67	58	
WA 8271	70	62.3	11.6	34	150			
LWW14-73161	67	61.5	11.5	33	148	67		
KWS 145	67	61.0	11.4	35	145			
LWW14-73163	67	61.0	11.4	33	147	66		
WA 8270	62	59.9	11.8	35	150			
WA 8227	61	60.1	11.0	34	153	62	55	
IDN 09-15702A	55	62.0	12.4	32	148			
WA 8226	55	60.8	12.5	33	150	59	53	
IDN 07-28017B	52	60.2	10.8	31	146	53		
WA 8276	52	62.3	10.8	27	150			
OR2121086	52	60.2	11.6	30	148			
IDN 06-03303B	50	58.9	11.5	29	148			
ORI2150031 CL+	47	61.2	12.6	31	149			

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<i>ARSDH08028-111C</i>	40	62.3	11.8	30	150			
LWW14-74143	25	61.9	11.7	25	147			
C.V. %	13	1	3	6	1	11	10	10
LSD (0.05)	12	1.5	0.7	3	2	7	4	3
Average	55	61.3	11.5	31	149	57	52	45
Highest	78	63.2	13.2	37	153	69	61	49
Lowest	25	58.9	10.1	25	141	41	40	38

Agronomic Information

Planting Date:	9/8/2016
Harvest Date:	7/20/2017
Seeding Rate (seeds/ft ²):	12
Previous Crop:	Fallow
Spring soil test:	
N (lb/ac) 4-ft sample	120
P (ppm-bicarb) 2-ft sample	41
S (lb/ac) 2-ft sample	22
pH (top 6 inches)	5.95

Herbicide:

Fall application of Outrider and spring Broadleaf herbicide applied by cooperator. No fungicide applied

Trial Notes:

1. The lind nursery was located on the WSU Lind Dryland Experiment Station. All yield and test weight values within the 5% LSD range are shown in bold.
2. Preplant fertilizer applied was: 50#N, 10#S.
3. This location did not receive any fungicide application.
4. Spring/Fall rains caused soil erosion, resulting in variation in parts of the trial. Due to high levels of variation, one replication was dropped prior to analysis. Result presented above are only from two replications, instead of the normal three.

Cooperator: WSU Lind Dryland Experiment Station