

2017 WSU Variety Testing SW Winter Wheat Trial, Reardan

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	LODGING (%)	AVERAGE (BU/A)	AVERAGE (BU/A)	AVERAGE (BU/A)
RELEASED VARIETIES									
Jasper	157	60.0	11.8	43	163	3			
Norwest Tandem (LOR-334)	153	61.4	11.5	38	157	0			
Norwest Duet (LOR-092)	151	61.2	12.2	51	168	47	127		
Mary	151	61.7	11.9	42	157	0	133	111	106
WB1783	147	62.8	12.2	44	160	0			
SY Command (SY 04PN066-7)	146	59.8	11.4	44	162	0	128		
SY Banks (SY 09PN005#25)	146	59.6	12.4	43	165	0	127		
Xerpha	144	61.2	12.2	44	167	8	132	111	108
ORCF-102	144	62.0	12.8	47	166	2	121	104	
WB1604	143	61.0	12.6	43	155	0	118	100	
Legion	141	59.6	11.7	46	166	17	128	107	102
SY 107	140	60.8	11.5	42	159	25	125	108	
Puma	136	60.0	12.4	49	165	30	124	106	102
UI Magic CL+	136	62.1	12.4	39	156	0	114		
WB1843	136	61.4	12.8	43	165	0	123		
WB1529	134	62.7	12.1	41	156	0	114	96	
Pritchett (4J0713366C)	132	60.0	12.0	44	164	20	117	99	
Bruehl	130	58.6	12.4	44	166	23	120	101	101
ARS-Crescent	128	60.7	11.3	45	167	53	122	107	106
UI Castle CL+	127	61.2	13.1	44	162	0	112		
UI Sparrow (IDO1108DH)	126	59.1	11.7	45	165	8	119		
Coda	124	60.4	13.5	45	165	63	114	98	95
Masami	122	59.8	11.5	43	166	7	107	94	94
Otto	116	60.0	12.1	42	166	22	106	93	
Curiosity CL+	115	60.9	12.2	44	166	30	103	88	
Mela CL+	115	61.0	12.3	43	166	22	98	85	93
Eltan	113	61.7	11.5	42	167	20	104	94	98
WB1376CLP	113	63.0	13.3	41	155	0	95		
ORCF-103	110	60.1	12.0	40	166	7	103	90	91
EXPERIMENTAL LINES									
ARS20060123-31C	153	61.0	12.0	45	158	17	130	109	
LWW14-73163	152	59.5	12.5	45	160	22	134		
IDN 09-15702A	152	61.5	12.9	46	159	0			
IDN 06-03303B	152	59.8	12.2	44	160	0			
OR2121086	150	60.6	11.8	45	162	0			
IDN 07-28017B	150	61.2	11.7	44	158	2	125		
LWW14-73161	148	60.2	12.4	46	159	20	130		
LWW14-74143	139	58.6	10.3	42	155	0			
WA 8276	138	59.7	11.9	41	166	40			
KXB-01	138	60.9	12.8	46	166	72	124		
ARSDH08028-111C	137	61.2	11.9	42	165	2			
ORI2150031 CL+	135	60.4	13.2	44	161	0			
WA 8227	135	61.0	12.4	49	167	38	116		
WA 8270	135	59.0	12.0	47	165	32			

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KWS 145	133	62.1	12.4	45	158	13			
WA 8226	133	60.5	12.2	47	166	28	110		
WA 8271	132	61.6	12.2	42	166	0			
XA1101 CL+	99	61.7	14.2	43	154	0			
XA1401 CL+	94	62.0	14.9	44	157	0			
C.V. %	6	1	4	4	1	--	6	6	6
LSD (0.05)	11	0.9	0.6	2	2	28	7	5	4
Average	135	60.8	12.3	44	162	14	118	101	101
Highest	157	63.0	14.9	51	168	72	134	116	110
Lowest	94	58.6	10.3	38	154	0	95	85	91

Agronomic Information

Planting Date:	9/19/2016
Harvest Date:	8/27/2017
Seeding Rate (seeds/ft ²):	21
Previous Crop:	Fallow
Spring soil test:	
N (lb/ac) 4-ft sample	268
P (ppm-bicarb) 2-ft sample	65
S (lb/ac) 2-ft sample	49
pH (top 6 inches)	5.04

Trial Notes:

1. The Reardan nursery was located about 7 miles west of Reardan, WA. All yield, test weight, and protein values within the 5 % LSD range of the highest value are shown in bold.
2. This location was planted with our cross-slot no-till drill. Fertilizer applied at planting was 100#N, 14#P, 14#S.
3. This trial looked great all year. Stripe rust was kept under control and the trial was very uniform.

Cooperator: H. Johnson

Herbicide:

Orion, Bison, Broadspec, Priaxor, by air on 5/9;
Second fungicide application by air in early June.