

2016 WSU Variety Testing SW Spring Wheat Trial, Reardan

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									
<i>Melba</i>	86	64.5	10.5	32	170	0	58	66	
Seahawk	85	63.9	11.4	36	169	0	58	65	
Ryan (WA 8214)	76	62.3	10.9	30	168	17	57		
<i>JD</i>	76	64.6	12.0	34	170	17	52	62	66
Diva	76	63.2	11.3	32	169	23	56	66	70
Tekoa (WA 8189)	76	64.1	10.9	33	169	2	52	63	
SY Saltese (SY 04PN3024-2)	76	63.1	10.8	32	167	5			
Louise	74	62.4	11.0	37	169	37	52	62	69
WB6121	71	63.1	12.8	33	166	0			
UI-Stone	69	61.8	10.4	32	168	7	51	62	
Whit	64	61.5	10.6	34	169	0	50	62	64
WB6341	62	61.6	9.6	31	168	0	47		
Babe	52	59.2	10.8	33	170	0	42	57	62
WB-1035CL+	49	59.2	12.4	31	168	2	41	54	55
EXPERIMENTAL LINES									
14-SW-1030	91	61.4	11.3	35	174	0			
14-SW-1059	91	60.7	11.0	33	173	0			
WA 8253	76	63.2	10.7	33	167	0			
<i>WA 8236 CL+</i>	70	64.2	12.1	30	169	12			
WA 8255	69	64.1	10.5	34	170	22			
12-SW-068	68	61.2	11.1	33	167	0			
YS-602	67	61.0	10.3	33	168	0			
WA 8266 CL+	65	60.9	11.1	32	169	8			
WA 8254	63	62.4	10.5	31	167	0			
WA 8265 CL+	60	60.3	10.9	31	170	17			
C.V. %	6	1	3	5	0	66	7	6	7
LSD (0.05)	6	0.8	0.5	2	1	6	4	4	3
Average	71	62.2	11.0	33	169	7	51	62	64
Highest	91	64.6	12.8	37	174	37	58	66	70
Lowest	49	59.2	9.6	30	166	0	41	54	55

Agronomic Information

Planting Date: 4/11/2016
 Harvest Date: 9/1/2016
 Seeding Rate (lbs/acre): 80
 Previous Crop: Winter Wheat
 Spring soil test:
 N (lb/ac) 4-ft sample 79
 P (ppm-bicarb) 2-ft sample 65
 S (lb/ac) 2-ft sample 33
 pH (top six inches) 5.0
 Herbicide:
 Huskie and Tilt applied on 5/31.

Trial Notes:

1. The Reardan nursery was located about 7 miles west of Reardan, WA . All yield and test weight values within the 5% LSD range of the highest value are shown in bold.
2. This is a no-till location and fertilizer applied at planting (not accounted for in the soil sample) was: 80#N, 14#P, 14#S.
3. This trial received only one fungicide application and yield-limiting stripe rust was observed on susceptible varieties.

Cooperator: H. Johnson

* 2-Year average from 2016 & 2014

** 3-Year average from 2016, 2014, 2013

*** 5-Year average from 2016, 2014, 2013, 2012, 2011