

2016 WSU Variety Testing SW Spring Wheat Trial, Pullman

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	AVERAGE (BU/A)	AVERAGE (BU/A)	AVERAGE (BU/A)
RELEASED VARIETIES								
Seahawk	99	63.2	11.6	38	162	76	76	77
WB6121	95	63.4	12.9	33	158	74		
<i>Melba</i>	94	61.2	10.8	36	161	74	73	
<i>JD</i>	89	63.1	11.3	41	162	73	73	74
Tekoa (WA 8189)	86	62.6	11.6	37	162	69	70	
Diva	83	60.3	10.2	40	161	68	67	71
Ryan (WA 8214)	79	61.0	9.8	37	158	68		
SY Saltese (SY 04PN3024-2)	79	60.8	11.1	37	157			
Louise	71	57.7	11.9	40	161	62	64	68
Whit	71	60.6	11.3	36	159	63	68	68
UI-Stone	57	59.7	9.5	37	159	56	62	67
WB6341	56	58.9	9.7	32	159	56		
Babe	44	55.0	11.5	36	161	48	52	57
WB-1035CL+	39	57.2	11.9	33	158	44	51	55
EXPERIMENTAL LINES								
14-SW-1059	91	59.0	11.1	37	163			
14-SW-1030	90	59.0	10.1	39	163			
WA 8253	88	60.9	10.5	38	160			
<i>WA 8236 CL+</i>	86	63.0	12.3	38	161	68		
WA 8255	75	61.4	10.6	37	162			
WA 8254	73	56.7	11.0	35	161			
12-SW-068	71	59.1	10.4	36	160	65		
YS-602	57	55.7	10.8	36	160			
WA 8265 CL+	57	57.3	11.6	38	163			
WA 8266 CL+	56	58.0	11.8	36	163			
C.V. %	6	1	10	2	0	5	5	6
LSD (0.05)	6	0.9	1.5	1	1	4	3	3
Average	74	59.8	11.1	37	161	64	66	67
Highest	99	63.4	12.9	41	163	76	76	77
Lowest	39	55.0	9.5	32	157	44	51	55

Agronomic Information

Planting Date: 4/8/2016
 Harvest Date: 8/16/2016
 Seeding Rate (lbs/acre): 90
 Previous Crop: Winter Wheat
 Spring soil test:
 N (lb/ac) 4-ft sample 62
 P (ppm-bicarb) 1-ft sample 25
 S (lb/ac) 2-ft sample 14
 pH (top foot) 5.8
 Herbicide:
 Affinity Broadspec, Huskie, Dagger MCPA applied by cooperator. No fungicide applied.

Trial Notes:

1. The Pullman nursery was located about 1.5 miles southeast of Pullman, WA on the WSU Spillman Agronomy Farm. All yield and test weight values within the 5% range of the highest value are shown in bold.
2. An additional 200#N, 20#P, and 20#S was applied prior to planting (not accounted for in the soil sample).
3. No fungicide was applied at this location, **stripe rust pressure was severe**. This location provided an opportunity to evaluate stripe rust and illustrates the importance of genetic resistance to stripe rust.

Cooperator: WSU Spillman Agronomy Farm

* 3-Year average from 2016, 2015, 2013

** 5-Year average from 2016, 2015, 2013, 2012, 2011