

2016 WSU Variety Testing SW Spring Wheat Trial, Palouse

Variety Name <i>Club Italicized</i>	2016				2 Year	3 Year	5 Year
	YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	AVERAGE (BU/A)	AVERAGE (BU/A)	AVERAGE (BU/A)
<b>RELEASED VARIETIES</b>							
Tekoa (WA 8189)	116	62.9	10.9	40	--	--	--
Ryan (WA 8214)	109	61.3	10.7	40	--	--	--
Seahawk	109	63.0	11.4	39	--	--	--
<i>Melba</i>	108	<b>63.3</b>	10.6	38	--	--	--
Louise	105	61.8	10.9	42	--	--	--
Diva	104	62.7	11.1	43	--	--	--
SY Saltese (SY 04PN3024-2)	102	62.6	10.9	42	--	--	--
WB6121	99	62.4	12.0	36	--	--	--
Whit	97	60.5	10.9	40	--	--	--
WB6341	96	60.1	10.6	39	--	--	--
<i>JD</i>	94	<b>63.8</b>	11.8	44	--	--	--
UI-Stone	93	60.8	10.6	41	--	--	--
Babe	88	61.0	10.8	43	--	--	--
WB-1035CL+	68	57.8	12.8	38	--	--	--
<b>EXPERIMENTAL LINES</b>							
WA 8254	111	62.3	10.2	40	--	--	--
WA 8253	111	62.5	10.1	39	--	--	--
14-SW-1030	111	59.9	12.0	42	--	--	--
14-SW-1059	106	60.0	11.7	42	--	--	--
WA 8255	104	<b>63.8</b>	10.9	39	--	--	--
WA 8236 CL+	99	<b>63.7</b>	11.7	41	--	--	--
12-SW-068	95	60.0	11.1	38	--	--	--
YS-602	92	60.2	10.6	41	--	--	--
WA 8266 CL+	89	60.1	11.7	41	--	--	--
WA 8265 CL+	89	60.3	11.3	40	--	--	--
C.V. %	5	1	2	4			
LSD (0.05)	6	0.5	0.3	2			
Average	100	61.5	11.1	40			
Highest	116	63.8	12.8	44			
Lowest	68	57.8	10.1	36			

**Agronomic Information**

Planting Date: 4/13/2016  
 Harvest Date: 8/29/2016  
 Seeding Rate (lbs/acre): 90  
 Previous Crop: Winter Wheat  
 Spring soil test:  
     N (lb/ac) 4-ft sample 260  
     P (ppm-bicarb) 2-ft sample 61  
     S (lb/ac) 2-ft sample 17  
     pH (top six inches) 5.3  
 Herbicide:  
 Huskie & Tilt applied on 5/18

**Trial Notes:**

1. The Palouse nursery was located about 7 miles west of Palouse, WA. All yield and test weight values within the 5% LSD range of the highest value are shown in bold.
2. This trial was following winter wheat, but previous to that, the field had been in alfalfa.
3. The Palouse location was new in 2016, so there are no long-term averages.
4. Only one fungicide application was applied and stripe rust was observed on susceptible varieties.

**Cooperator:** D. Lange