

2016 WSU Variety Testing SW Spring Wheat Trial, Plaza

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)
<b>RELEASED VARIETIES</b>								
Diva	103	62.6	10.9	42	173	94		
Louise	101	63.0	10.8	40	174	89		
Seahawk	101	62.7	11.3	37	175	85		
Melba	100	<b>63.3</b>	10.8	36	173	85		
SY Saltese (SY 04PN3024-2)	98	<b>63.2</b>	10.7	41	170			
Tekoa (WA 8189)	97	<b>63.1</b>	10.8	38	174	84		
JD	94	<b>63.9</b>	12.2	41	173	82		
Ryan (WA 8214)	94	62.4	10.8	37	171	87		
WB6121	93	63.0	12.2	35	171			
Whit	91	<b>63.1</b>	10.8	37	171	82		
WB6341	90	61.8	9.5	37	171	80		
UI-Stone	83	61.5	10.4	38	172	75		
WB-1035CL+	80	61.3	12.5	37	171	73		
Babe	77	61.9	10.0	38	174	74		
<b>EXPERIMENTAL LINES</b>								
WA 8254	100	<b>63.1</b>	10.2	37	173			
WA 8265 CL+	95	62.2	10.8	39	174			
14-SW-1059	91	60.3	11.4	38	175			
WA 8253	91	62.6	10.1	39	173			
14-SW-1030	90	59.5	11.5	38	175			
WA 8266 CL+	89	62.1	11.0	37	174			
12-SW-068	86	60.8	11.2	35	172			
WA 8255	81	<b>64.0</b>	10.6	38	174			
WA 8236 CL+	77	<b>63.3</b>	12.5	38	173			
YS-602	69	61.7	11.0	36	174			
C.V. %	5	1	3	2	0	5		
LSD (0.05)	8	0.9	0.5	2	1	4		
Average	90	62.3	11.0	38	173	82		
Highest	103	64.0	12.5	42	175	94		
Lowest	69	59.5	9.5	35	170	73		

**Agronomic Information**

Planting Date: 4/20/2016  
 Harvest Date: 7/18/2016  
 Seeding Rate (lbs/acre): 80  
 Previous Crop: Winter Wheat  
 Spring soil test:  
     N (lb/ac) 4-ft sample 93  
     P (ppm-bicarb) 1-ft sample 12  
     S (lb/ac) 2-ft sample 21  
     pH (top foot) 6.0

Herbicide:

Affinity Broadspec, Huskie, Dagger MCPA No fungicide applied.

**Trial Notes:**

1. The Plaza nursery was located about 5.5 miles east of Rosalia, WA. All yield and test weight values within the 5% LSD range of the highest value are shown in bold.
2. Base fertilizer (applied after soil sample) was: 80#N, 20#P, 15#S.
3. Due to unknown soil variation, the second rep yielded considerably less than reps one and three. The second rep was dropped from analysis and results are only from reps 1 and 3.
4. Stripe rust was not an issue at this location.

**Cooperator:** G. Ward

\* 2016 results from reps 1 & 3

\*\* 2-year average from 2014 & 2016