

2016 WSU Variety Testing SW Spring Wheat Trial, Moses Lake

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)
<b>RELEASED VARIETIES</b>									
Tekoa (WA 8189)	135	63.8	9.9	39	149	0	139	139	
<i>Melba</i>	131	64.1	10.1	37	147	0	138	129	
Seahawk	130	63.7	10.5	37	146	0	132	127	
Whit	118	62.5	10.4	38	141	0	127	126	110
Diva	116	63.6	10.8	40	145	20	128	114	108
UI-Stone	115	63.3	9.7	35	140	0	130	131	
Louise	113	62.7	10.8	40	147	72	132	121	114
SY Saltese (SY 04PN3024-2)	113	63.6	10.1	37	140	0			
Ryan (WA 8214)	112	63.0	11.2	36	141	0	127		
WB6341	109	62.3	9.5	34	141	0	125		
WB6121	103	63.9	12.0	34	141	0			
Babe	96	62.0	10.0	36	145	0	121	119	112
WB-1035CL+	90	60.7	11.6	35	141	0	109	112	104
<b>EXPERIMENTAL LINES</b>									
12-SW-052	138	62.3	9.3	39	148	3			
14-SW-1030	132	62.0	10.3	39	149	0			
14-SW-1059	129	61.3	10.3	39	149	0			
WA 8255	119	63.5	9.9	38	147	50			
WA 8254	119	63.1	10.1	34	143	0			
WA 8265 CL+	114	63.5	9.6	38	147	38			
WA 8253	113	63.2	11.1	37	142	8			
WA 8266 CL+	110	60.9	10.0	37	147	7			
12-SW-068	106	60.7	10.6	36	143	0			
WA 8236 CL+	103	<b>66.8</b>	11.9	37	145	17			
YS-602	99	62.0	10.5	36	144	0			
C.V. %	6	1	4	3	0	--	6	6	7
LSD (0.05)	10	1.0	0.6	2	1	--	8	7	6
Average	115	62.9	10.4	37	144	9	128	124	110
Highest	138	66.8	12.0	40	149	72	139	139	114
Lowest	90	60.7	9.3	34	140	0	109	112	104

**Agronomic Information**

Planting Date: 3/16/2016  
 Harvest Date: 7/28/2016  
 Seeding Rate (lbs/acre): 100  
 Previous Crop: legume cover crop  
 Spring soil test:  
     N (lb/ac) 4-ft sample 134  
     P (ppm-bicarb) 2-ft sample 24  
     S (lb/ac) 2-ft sample 10  
     pH (top foot) 7.3

Herbicide:  
 Affinity Broadspec, Huskie, Dagger MCPA  
 applied by cooperator. No fungicide applied.

**Trial Notes:**

1. The Moses Lake nursery was located on the WSU Othello Research Farm. It was difficult to find an irrigated spring wheat producer located closer to Moses Lake. All yield and test weight values within the 5% range of the highest value are shown in bold.
2. An additional 250#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, and only low levels of stripe rust were observed.

**Cooperator:** Othello Research Farm

\* 2-Year average from 2016 & 2014

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

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