

**WSU Bread Lab Plant Breeding Program  
2017 Variety Testing Soft White Spring Wheat Trial, Mount Vernon**

Variety Name	Mkt Class	2017							2 Year*	3 Year*	6 Year*
		Yield (Bu/a)	Test Wt. (Lbs/bu)	Protein (%)	Plant Ht (in)	Head Date	Lodging (%)	Stripe Rust	Average (Bu/a)	Average (Bu/a)	Average (Bu/a)
<b>RELEASED VARIETIES</b>											
Tekoa (WA 8189)	SWS	<b>98.9</b>	<b>61.8</b>	8.7	31	17-Jun	0	MR	82	85	--
Seahawk	SWS	<b>87.0</b>	<b>60.9</b>	<b>9.2</b>	31	19-Jun	0	R	75	85	--
Diva	SWS	<b>77.3</b>	<b>59.5</b>	<b>9.3</b>	35	19-Jun	0	MR	--	--	--
JD	SC	<b>77.0</b>	<b>60.9</b>	<b>9.9</b>	34	19-Jun	0	MR	65	67	86
Whit	SWS	70.8	<b>60.5</b>	<b>9.3</b>	33	17-Jun	0	MR-MS	62	63	65
Louise	SWS	67.8	<b>56.4</b>	<b>9.5</b>	33	17-Jun	0	MR	66	56	65
Melba	SWS	66.6	<b>59.2</b>	8.9	30	17-Jun	0	MR	--	--	--
SY Saltese (SY 04PN3024-2)	SWS	64.6	<b>60.5</b>	<b>9.1</b>	32	17-Jun	0	R	--	--	--
Ryan (WA 8214)	SWS	64.2	<b>60.9</b>	<b>9.7</b>	32	17-Jun	0	MR	52	59	--
Babe	SWS	43.1	<b>53.4</b>	<b>9.5</b>	32	19-Jun	0	S	--	--	--
<b>EXPERIMENTAL LINES</b>											
14-SW-1030	SWS	<b>93.9</b>	<b>58.0</b>	8.7	36	21-Jun	0	R	--	--	--
14-SW-1059	SWS	<b>92.2</b>	<b>57.8</b>	8.7	32	21-Jun	0	R	--	--	--
WB6121	SWS	<b>84.5</b>	<b>62.2</b>	<b>10.6</b>	33	17-Jun	0	R	71	--	--
14-FAC-2043	SWS	<b>83.7</b>	<b>59.0</b>	8.7	31	17-Jun	0	R	--	--	--
WB6430	SWS	<b>81.1</b>	<b>59.5</b>	<b>9.2</b>	28	17-Jun	0	MR	--	--	--
WA 8236 CL+	SCI	<b>79.7</b>	<b>61.5</b>	<b>9.5</b>	32	17-Jun	0	R	63	--	--
YS-603	SWS	<b>78.8</b>	<b>61.8</b>	<b>9.3</b>	33	17-Jun	0	MR	--	--	--
IDO1403S	SWS	69.4	<b>60.9</b>	<b>9.7</b>	30	17-Jun	0	R	--	--	--
WA 8277	SWS	59.2	<b>61.1</b>	<b>9.6</b>	34	17-Jun	0	R	--	--	--
WA 8278	SWS	51.9	<b>52.1</b>	<b>9.5</b>	33	17-Jun	0	MR	--	--	--
WA 8265 CL+	SWSI	47.6	<b>55.0</b>	<b>9.6</b>	32	19-Jun	0	S	--	--	--
WB6341	SWS	44.9	<b>56.2</b>	8.7	30	17-Jun	0	MS	--	--	--
WA 8266 CL+	SWSI	43.1	45.4	<b>10.0</b>	29	19-Jun	0	S	--	--	--
WB-1035CL+	SWSI	41.9	49.4	<b>10.8</b>	30	17-Jun	0	S	--	--	--
C.V.%		19.9	13.8	11.9							
LSD(0.05)		22.4	12.9	1.8							* averages do not include 2016
Average		68.7	57.1	9.3							
Max.		98.9	62.2	10.8							
Min.		41.9	45.4	8.7							

**Agronomic Information**

Planting Date:	4/18/2017
Harvest Date:	8/22/2017
Seeding Rate (seeds/ft <sup>2</sup> ):	32
Previous Crop:	pea cover crop
<b>03/23/2017 Soil Test (1-ft sample):</b>	
N (lb/ac)	65
P (ppm)	96
S (ppm)	7
pH	6
Organic Matter (%)	2.7
<b>Herbicide:</b>	
Axial, Maestro, Harmony Extra SG:	
5/18/2017	

**Trial Notes:**

- The Mount Vernon nursery was located on the WSU-Mount Vernon NWREC research field. All yield, test weight, and protein values within the 5% LSD range of the highest value are shown in bold.
- Date and fertilizer applied: 05/17/2017 90# N, 22.5# S (36-0-0-9).
- No fungicides were applied for control of stripe rust or other fungal diseases.

Heading date is when 50% of the heads are 50% emerged.  
 SWS = Soft White Spring, SC = Spring Club, SCI = Spring Club Clearfield, SWSI = Soft White Spring Clearfield  
 R = resistant, MR = moderately resistant, MS = moderately susceptible, S = susceptible

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For additional information contact Steve Lyon (slyon@wsu.edu) 360-707-4640.  
 Commercial products or trade names do not imply an endorsement by Washington State University.  
 For additional variety testing results visit:  
<http://thebreadlab.wsu.edu/western-washington-variety-trials/>.