

2017 WSU Variety Testing SW Spring Wheat Trial, Horse Heaven

Variety Name <i>Club Italicized</i>	2017				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>							
Ryan (WA 8214)	<b>48</b>	<b>61.7</b>	10.4	29	34	29	
<i>Melba</i>	<b>48</b>	60.5	11.3	28	37	31	32
Tekoa (WA 8189)	<b>47</b>	<b>61.4</b>	10.8	31	40	32	32
WB6430	<b>46</b>	<b>62.3</b>	10.5	26			
SY Saltese (SY 04PN3024-2)	<b>45</b>	<b>61.6</b>	10.8	32	35		
Seahawk	<b>45</b>	59.0	11.9	27	34	28	29
WB6121	<b>45</b>	<b>62.7</b>	12.0	28	32	27	
<i>JD</i>	<b>44</b>	62.3	11.2	29	36	30	31
WB6341	<b>44</b>	61.2	10.3	26	33	28	
Diva	<b>44</b>	60.3	11.3	30	35	29	30
Louise	43	59.6	10.8	32	36	28	30
Babe	43	<b>61.5</b>	11.4	29	34	29	29
Whit	42	59.8	11.0	29	31	26	28
WB-1035CL+	42	59.6	12.2	28	33	28	28
<b>EXPERIMENTAL LINES</b>							
WA 8266 CL+	<b>47</b>	61.1	10.9	30	37		
14-FAC-2043	<b>45</b>	57.8	11.3	30			
WA 8277	<b>45</b>	60.8	11.6	30			
WA 8278	<b>45</b>	59.5	11.3	30			
WA 8236 CL+	<b>44</b>	61.2	11.4	28	29	26	
WA 8265 CL+	42	60.3	11.4	31	35		
14-SW-1030	41	56.3	12.3	29	31		
IDO1403S	40	59.5	12.0	25			
YS-603	40	<b>63.2</b>	12.4	31			
14-SW-1059	38	56.8	12.3	28	30		
C.V. %	6	2	4	4	8	8	8
LSD (0.05)	4	1.8	0.6	2	3	2	1
Average	44	60.4	11.4	29	34	29	30
Highest	48	63.2	12.4	32	40	32	32
Lowest	38	56.3	10.3	25	29	26	28

**Agronomic Information**

Planting Date:	3/21/2017
Harvest Date:	7/26/2017
Seeding Rate (seeds/ft <sup>2</sup> ):	15
Previous Crop:	Fallow
Spring soil test:	
N (lb/ac) 4-ft sample	107
P (ppm-bicarb) 2-ft sample	20
S (lb/ac) 2-ft sample	16
pH (top six inches)	6.47
Herbicide:	
Huskie, Tilt on 5/23.	

**Trial Notes:**

1. The Horse Heaven nursery was located about 11 miles southeast of Prosser, WA . All yield and test weight values within the 5% LSD range of the highest value are shown in bold.
2. Fertilizer applied at planting was 85#N, 15#P, 15#S.
3. Planting date was about 10 days later than normal. Higher than average soil moisture led to good yields.

**Cooperator:** C. Smith