

2018 WSU Variety Testing Soft Spring Wheat Trial, Horse Heaven

Variety Name <i>Club Italicized</i>	2018				2 Year	3 Year	5 Year
	Yield (Bu/A)	Test WT (Lbs/Bu)	Protein (%)	Plant HT (In)	Average (Bu/A)	Average (Bu/A)	Average (Bu/A)
<b>Released Varieties</b>							
<i>Melba</i>	42	60.6	11.3	25	45	39	31
<b>Seahawk</b>	40	60.3	10.7	24	43	36	30
<b>Babe</b>	39	59.9	11.1	27	41	36	29
<b>Tekoa</b>	39	61.3	10.8	28	43	39	31
<b>WB6341</b>	38	59.3	11.1	24	41	35	29
<b>WB-1035CL+</b>	38	60.5	11.6	23	40	34	28
<i>JD</i>	38	59.8	11.3	27	41	37	30
<b>Louise</b>	37	60.3	11.8	31	40	36	28
<b>Whit</b>	37	59.7	11.4	26	39	33	27
<b>Diva</b>	35	60.6	11.7	27	40	35	29
<b>WB6121</b>	35	60.5	12.1	25	40	33	
<b>Ryan</b>	35	59.9	11.3	26	41	34	28
<b>SY Saltese</b>	32	60.2	11.2	25	38	34	
<b>Experimental Lines</b>							
<b>08PN2001-07</b>	41	59.9	10.9	29			
<b>14-FAC-2043</b>	41	59.2	11.7	26	43		
<i>WA 8295 CL+</i>	38	60.9	11.5	28			
<b>WA 8296 CL+</b>	38	58.2	11.0	27			
<b>WA 8266 CL+</b>	37	59.1	11.5	28	42	37	
<b>WA 8297 CL+</b>	36	60.8	11.5	24			
<b>WA 8277</b>	36	60.2	10.9	29	41		
<b>14-SW-1059</b>	34	59.7	11.2	22	36	32	
<b>WA 8298 CL+</b>	34	59.7	10.8	29			
<b>11PN2532-507</b>	33	57.7	11.1	29			
<b>IDO1403S</b>	30	61.4	10.8	24	35		
<b>C.V. %</b>	10	1.9	6.6	4	8	9	9
<b>LSD (0.05)</b>	5	1.5	1.0	2	3	2	2
<b>Average</b>	37	60.0	11.3	26	41	35	29
<b>Highest</b>	42	61.4	12.1	31	45	39	31
<b>Lowest</b>	30	57.7	10.7	22	35	32	27

**Agronomic Information**

Planting Date:	3/23/2018
Harvest Date:	8/17/2018
Seeding Rate (seeds/ft <sup>2</sup> ):	13
Previous Crop:	Chem Fallow
Spring soil test:	
N (lb/ac) 4-ft sample	104
P (ppm-bicarb) 2-ft sample	25
S (lb/ac) 1-ft sample	8
pH (top 6 inches)	7.3

**Trial Notes:**

1. The Horse Heavens nursery was located about 7 miles southwest of Benton City, WA.
2. The nursery was seeded with the no-till hoe drill and fertilizer was applied at 35N in the fall.
3. Overall yield was 16% less than 2017, and grain test weight was 0.9 lb/bu more than last year

Herbicide:  
Huskie, Tilt on 05/16/18

**Cooperator: C. Smith**