

### 2020 WSU Variety Testing Soft White Spring Wheat Trial, Horse Heaven

Variety Name <i>Club Italicized</i>	2020					2 Year	3 Year	5 Year
	Yield (Bu/A)	Test WT (Lbs/Bu)	Protein (%)	Plant HT (In)	Head Date	Average (Bu/A)	Average (Bu/A)	Average (Bu/A)
<b>Released Varieties</b>								
<b>Tekoa</b>	44	62.1	11.2	23	161	34	36	37
<b>AP Coachman</b>	43	60.2	10.8	22	158	34	37	
<b>Louise</b>	41	60.5	11.0	24	157	32	34	34
<i>Melba</i>	40	59.9	10.8	20	160	32	35	36
<i>Hedge CL+ (WA 8295 CL+)</i>	38	61.4	12.2	22	157	30	33	
<b>Ryan</b>	38	61.3	11.4	23	151	30	31	32
<b>WB6341</b>	37	61.6	11.2	21	153	30	33	33
<b>AP Mondovi CL2</b>	35	61.0	13.0	23	156	27	29	
<b>Whit</b>	35	61.7	11.4	20	153	28	31	31
<i>JD</i>	33	<b>62.5</b>	12.4	24	158	28	31	33
<b>Seahawk</b>	33	<b>62.6</b>	11.4	22	156	28	32	33
<b>WB-1035CL+</b>	32	60.2	13.2	22	153	25	30	31
<b>WB6121</b>	32	62.1	13.3	21	153	27	29	30
<b>Experimental Lines</b>								
<b>10PN2013-02</b>	43	<b>62.9</b>	11.8	20	155			
<b>WA 8324</b>	41	60.8	11.4	23	154			
<b>IDO1404S</b>	41	<b>63.5</b>	11.1	22	156			
<b>WA 8322</b>	37	61.2	11.3	21	156			
<b>WA 8323</b>	37	61.6	12.0	24	155			
<i>WA 8325</i>	34	61.2	11.5	20	155			
<b>IDO1405S</b>	34	61.0	12.0	20	152			
<b>IDO1702S</b>	29	<b>62.5</b>	12.0	21	149			
<b>WQL008</b>	28	62.2	13.6	20	152			
<b>C.V. %</b>	10	0.8	3.3	9	0.7	9	10	9
<b>LSD (0.05)</b>	8	1.0	1.0	4	2	4	3	2
<b>Average</b>	37	61.6	11.8	22	155	29	32	33
<b>Highest</b>	44	63.5	13.6	24	161	34	37	37
<b>Lowest</b>	28	59.9	10.8	20	149	21	29	30

#### Agronomic Information

Planting Date:	3/10/2020
Harvest Date:	7/29/2020
Seeding Rate (seeds/ft <sup>2</sup> ):	15
Previous Crop:	
Spring soil test:	
N (lb/ac) 4-ft sample	168
P <sub>2</sub> O <sub>5</sub> (lb/ac) 1-ft sample	71
S (lb/ac) 2-ft sample	21
pH (top 6 inches)	7.28
Herbicide: Huskie and Tilt on 5/14	

#### Trial Notes:

1. The Horse Heaven nursery was located about 7 miles S of Benton City, WA.
2. Overall yield was 67% greater than 2019 and test weight was 2.2 lb/bu more.

Cooperator Jason Wiley