

## 2020 WSU Variety Testing Soft White Spring Wheat Trial, Farmington

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>	61	60.1	6.8	33	186	69	79	80
<b>WB6121</b>	60	60.1	8.2	30	179	62	68	71
<i>Melba</i>	58	57.6	7.2	32	189	66	75	76
<i>JD</i>	58	58.7	7.6	35	186	58	70	71
<i>Hedge CL+ (WA 8295 CL+)</i>	56	59.4	7.7	36	184	63	73	
<b>Seahawk</b>	56	58.7	7.3	33	185	67	75	76
<b>Ryan</b>	53	57.2	7.7	31	178	64	77	79
<b>AP Mondovi CL2</b>	52	58.1	7.9	36	183	59	69	
<b>Whit</b>	47	58.1	7.3	33	182	60	71	74
<b>AP Coachman</b>	45	56.0	7.3	33	189	58	70	
<b>Louise</b>	45	56.2	7.2	36	186	53	67	71
<b>WB6341</b>	44	56.5	7.1	32	183	61	72	75
<b>WB-1035CL+</b>	37	53.3	8.3	32	181	52	61	63
<b>Experimental Lines</b>								
<i>WA 8325</i>	61	59.0	7.5	35	181			
<b>IDO1404S</b>	59	58.0	7.7	32	185			
<b>10PN2013-02</b>	56	58.8	7.8	33	186			
<b>IDO1702S</b>	54	59.2	7.5	32	180			
<b>WA 8324</b>	54	58.1	7.7	34	182			
<b>IDO1405S</b>	48	56.3	7.5	33	182			
<b>WQL008</b>	45	59.3	8.2	32	184			
<b>WA 8323</b>	39	54.7	7.4	32	187			
<b>WA 8322</b>	33	54.0	7.0	36	185			
<b>C.V. %</b>	13	2.0	3.9	5	1	9	7	7
<b>LSD (0.05)</b>	11	2.3	0.6	3	2	6	5	3
<b>Average</b>	51	57.6	7.5	33	184	61	71	74
<b>Highest</b>	61	60.1	8.3	36	189	69	79	80
<b>Lowest</b>	33	53.3	6.8	30	178	52	61	63

### Agronomic Information

Planting Date:	4/10/2020
Harvest Date:	9/17/2020
Seeding Rate (seeds/ft <sup>2</sup> ):	23
Previous Crop:	
Spring soil test:	
N (lb/ac) 4-ft sample	142
P <sub>2</sub> O <sub>5</sub> (lb/ac) 1-ft sample	221
S (lb/ac) 2-ft sample	43
pH (top 6 inches)	5.32
Herbicide: Axial XL, Huskie, and Tilt on 5/27	
Axial XL (16.4 oz) again on 6/11	

### Trial Notes:

1. The Farmington nursery was located about 3 miles NE of Garfield, WA.
2. Overall yield was 26% lower than 2019 and test weight was 0.1 lb/bu less.
3. Resistant Italian Ryegrass pressure suppressed yield potential.

**Cooperator** Andrew Nelson