

## 2022 WSU Variety Testing Soft White Spring Wheat Trial, St. John

Variety Name <i>Club Italicized</i>	2022					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>								
Seahawk	68	60.6	11.3	33	180			
UI Cookie	66	59.9	11.4	32	178			
Ryan	65	59.8	10.9	32	175			
Roger (WA8325)	65	62.2	10.5	31	178			
Hedge CL+	64	61.7	11.7	38	181			
WB6121	63	61.0	12.0	29	177			
AP Coachman	63	57.7	10.5	36	182			
Tekoa	62	60.0	11.5	35	183			
JD	59	61.6	11.0	39	181			
AP Mondovi CL2	59	58.6	12.7	37	179			
Melba	59	60.1	11.0	34	182			
TMC Lochaven	58	60.7	12.2	32	181			
WB6211CLP	56	58.1	12.5	31	178			
Louise	56	58.8	11.6	36	181			
<b>Experimental Lines</b>								
WA8351	73	62.1	10.6	32	179			
WA8354 CL+	68	61.2	11.9	31	177			
YSC-605	68	60.5	11.3	32	179			
WA8327	68	60.7	11.1	33	180			
WA8378	68	61.8	10.7	32	179			
IDO1702S	60	61.0	11.4	29	177			
WA8377	60	59.6	11.4	34	179			
WA8321	59	61.4	10.8	31	178			
IDO1902S	58	60.7	11.5	32	180			
IDO1404S	57	60.1	11.3	31	181			
C.V.	5	1.1	2.6	4	0			
LSD	6	1.3	0.6	3	2			
Average	63	60.4	11.4	33	179			
Highest	73	62.2	12.7	39	183			
Lowest	56	57.7	10.5	29	175			

### Agronomic Information

Planting Date:	4/7/2022
Harvest Date:	9/5/2022
Seeding Rate (seeds/ft <sup>2</sup> ):	20
Previous Crop:	Winter Wheat
Spring soil test:	
N (lb/ac) 4-ft sample	380
P <sub>2</sub> O <sub>5</sub> (lb/ac) 1-ft sample	145
S (lb/ac) 2-ft sample	43
pH (top 6 inches)	5.5

### Trial Notes:

1. The nursery was located approximately 3 miles southeast of St. John, WA.
2. The nursery was fertilized prior to seeding at 75N, 10P, 10K by the cooperator. No additional fertilizer was applied after spring soil sampling.
3. Overall yield was 117% greater and test weight was 0.5 lb/bu less than in 2021.

**Cooperator: Rod Mills**

**Herbicides:** Axial (16.4oz), Huskie (15oz), Miravis Ace (7oz), Tilt (2oz), and Zidua (4oz) were applied on May 20. Nexicor (13oz) was applied on June 27.