

## 2023 WSU Variety Testing Soft White Spring Wheat Trial, Almira

Variety Name <i>Club Italicized</i>	2023					2 Year	3 Year*	4 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>								
<i>Melba</i>	73	63.1	10.1	31	175	55	54	52
<b>Tekoa</b>	73	63.6	10.3	34	175	57	54	54
<b>Ryan (Large Seed)</b>	72	62.4	10.5	33	168			
<b>WB6211CLP</b>	71	61.3	11.2	30	170	53		
<b>TMC Lochaven</b>	70	63.2	10.9	33	171	56		
<b>Ryan (Small Seed)</b>	68	62.2	10.1	32	171			
<b>Louise</b>	66	62.6	10.2	36	175	54	53	52
<b>UI Cookie</b>	66	61.4	10.6	34	171	53		
<b>Seahawk</b>	66	62.4	10.6	33	176	53	51	50
<i>Hedge CL+</i>	64	63.3	10.5	33	174	51	51	49
<i>Roger</i>	64	63.4	9.8	32	171	52	53	
<b>Ryan</b>	64	62.4	10.3	32	170	57	56	55
<b>Butch CL+ (WA8354 CL+)</b>	61	62.1	10.7	31	171	53		
<b>AP Mondovi CL2</b>	60	62.1	11.5	38	172	56	50	49
<b>Experimental Lines</b>								
<b>WA8384</b>	72	63.3	10.6	35	170			
<b>WA8383</b>	72	62.3	10.6	36	174			
<b>WA8380 CL+</b>	71	63.1	10.1	37	176			
<b>WA8351</b>	70	63.4	9.9	33	171	56		
<b>WA8409</b>	69	62.7	10.2	34	171			
<b>WA8379 CL+</b>	68	63.2	10.4	32	172			
<b>WA8408</b>	67	63.4	10.0	33	174			
<b>WA8327</b>	64	62.0	9.5	33	174	57		
<b>IDO1902S</b>	63	64.0	10.3	33	173	51		
<b>WA8410</b>	60	63.1	10.1	32	169			
<b>C.V.</b>	4	0.6	3.7	4	1	9	11	10
<b>LSD</b>	4	0.6	0.5	2	1	5	5	4
<b>Average</b>	67	62.7	10.4	33	172	54	53	52
<b>Highest</b>	73	64.0	11.5	38	176	57	56	55
<b>Lowest</b>	60	61.3	9.5	30	168	51	50	49

### Agronomic Information

Planting Date:	4/26/2023
Harvest Date:	8/21/2023
Seeding Rate (seeds/ac):	870,000
Previous Crop:	Spring Wheat
Spring soil test:	
N (lb/ac) 4-ft sample	69
P <sub>2</sub> O <sub>5</sub> (lb/ac) 1-ft sample	108
S (lb/ac) 2-ft sample	19
pH (top 6 inches)	5.3

### Trial Notes:

1. The nursery was located approximately 6.5 miles southeast of Grand Coulee, WA.
2. The nursery was fertilized at seeding at a rate of 16N, 40P, 19K, 10S, and 15Cl. An additional 56N was applied on May 6, 2023.
3. Yield was 59% greater and test weight was 5.2 lb/bu more compared to 2022.

\*2023,2022,2020,2019 used in multi-year average.

**Cooperator:** Dan McKay

**Herbicides:** Axial (16oz), Talinor (16oz), Miravis Ace (7oz), and Tilt (2oz) were applied on May 18, 2023.