

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

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>								
Butch CL+ (WA8354 CL+)	51	59.5	10.4	--	173	68	60	
Tekoa	50	58.3	10.5	--	178	71	64	67
Hedge CL+	49	60.2	10.9	--	176	70	60	59
TMC Lochaven	49	59.6	10.4	--	173	70	62	
WB6211CLP	49	56.1	10.9	--	173	70	60	
Ryan	49	58.0	10.0	--	172	75	66	64
Ryan (Large Seed)	48	58.3	10.0	--	172			
Roger	47	59.1	9.9	--	174	67	60	60
UI Cookie	45	56.9	11.1	--	174	70	61	
Ryan (Small Seed)	44	58.0	9.9	--	173			
AP Mondovi CL2	44	56.9	11.7	--	174	63	54	57
Melba	44	57.1	10.4	--	176	66	57	59
Louise	44	56.5	10.7	--	176	61	52	54
Seahawk	43	59.4	10.7	--	179	70	62	61
<b>Experimental Lines</b>								
WA8351	53	59.2	9.8	--	174	75		
WA8409	50	58.2	9.8	--	173			
WA8384	49	59.6	10.1	--	173			
WA8408	49	59.2	10.2	--	176			
WA8327	47	57.8	9.9	--	175	76		
WA8410	47	60.4	10.0	--	170			
WA8379 CL+	47	60.1	10.1	--	173			
WA8383	47	59.7	10.3	--	175			
WA8380 CL+	43	58.6	11.3	--	179			
IDO1902S	43	59.2	10.7	--	174	65		
C.V.	6	1.1	3.3	--	0	7	8	10
LSD	4	0.9	0.5	--	1	5	4	4
Average	47	58.6	10.4	--	174	69	60	60
Highest	53	60.4	11.7	--	179	76	66	67
Lowest	43	56.1	9.8	--	170	61	52	54

† Ryan Seed Sizes: Large=9,400 seed/lb; Medium=13,150 seed/lb), Small=16,200 seed/lb

### Agronomic Information

Planting Date:	5/3/2023
Harvest Date:	9/6/2023
Seeding Rate (seeds/ac):	980,000
Previous Crop:	Winter Wheat
Spring soil test:	
N (lb/ac) 4-ft sample	151
P <sub>2</sub> O <sub>5</sub> (lb/ac) 1-ft sample	129
S (lb/ac) 2-ft sample	23
pH (top 6 inches)	5.2

**Herbicides:** Huskie, Dagger, Express, and Axial Bold were applied.

### Trial Notes:

1. The nursery was located approximately 9.5 miles northeast of Colfax, WA.
2. The nursery was fertilized prior to seeding at a rate of 85N, 20P, 20S. No additional fertilizer was applied after soil sampling.
3. Yield was 48% lower and test weight was 3.9 lb/bu less compared to 2022.

**Cooperator:** David Lange