

2023 WSU Variety Testing Soft White Spring Wheat Trial, Pullman

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)
Released Varieties								
Ryan (Large Seed)[†]	66	61.0	9.8	28	161			
<i>Roger</i>	64	62.3	9.7	28	162	72	59	69
UI Cookie	64	60.9	11.1	30	160	75	62	
<i>Melba</i>	63	61.1	10.0	27	166	71	59	69
<i>Hedge CL+</i>	62	62.6	10.5	29	165	68	57	66
Ryan (Small Seed)	62	60.9	10.0	27	161			
WB6211CLP	59	59.3	11.2	27	160	68	58	
Ryan	59	60.8	9.9	28	162	70	60	72
Seahawk	59	61.5	10.2	28	166	72	60	69
TMC Lochaven	56	62.4	10.9	27	161	69	59	
Butch CL+ (WA8354 CL+)	54	62.3	10.4	25	161	74	62	
Louise	52	59.5	9.8	31	164	59	50	59
Tekoa	52	61.5	10.2	30	165	69	59	69
AP Mondovi CL2	44	61.4	11.4	31	162	60	51	62
Experimental Lines								
WA8384	70	62.3	9.6	30	161			
WA8408	67	62.3	9.8	30	164			
WA8351	63	62.5	9.3	28	160	77		
WA8327	63	61.3	9.9	28	163	74		
WA8380 CL+	61	61.9	9.9	32	168			
WA8379 CL+	61	62.2	9.7	28	162			
IDO1902S	61	63.8	10.2	28	160	73		
WA8383	60	61.8	9.9	30	164			
WA8409	58	60.9	9.3	28	162			
WA8410	57	62.6	9.3	26	160			
C.V.	7	0.7	3.3	4	0.4	8	9	8
LSD	6	0.6	0.5	2	1	6	4	4
Average	60	61.6	10.1	28	163	70	58	67
Highest	70	63.8	11.4	32	168	77	62	72
Lowest	44	59.3	9.3	25	160	59	50	59

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

Agronomic Information

Planting Date:	4/26/2023
Harvest Date:	8/18/2023
Seeding Rate (seeds/ac):	980,000
Previous Crop:	Chickpea
Spring soil test:	
N (lb/ac) 4-ft sample	110
P ₂ O ₅ (lb/ac) 1-ft sample	275
S (lb/ac) 2-ft sample	24
pH (top 6 inches)	5.2

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

Trial Notes:

1. The nursery was located approximately 3 miles southeast of Pullman, WA.
2. The nursery was fertilized prior to seeding at a rate of 160N, 12P, 17S, 2Zn. No additional fertilizer was applied after soil sampling.
3. Yield was 28% lower and test weight was 1.2 lb/bu more compared to 2022.

Cooperator: Frank Ankerson