

2023 WSU Variety Testing Soft White Spring Wheat Trial, Bickleton

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								
<i>Hedge CL+</i>	37	61.7	8.6	22	--	37	28	25
Seahawk	35	60.1	7.8	24	--	34	27	24
Tekoa	34	62.2	7.6	27	--	34	27	25
Ryan (Small Seed)	34	61.3	8.1	24	--			
Ryan (Large Seed)[†]	34	62.3	8.0	24	--			
Ryan	33	62.4	8.6	24	--	34	27	25
Louise	31	61.6	8.2	27	--	33	26	24
<i>Roger</i>	30	62.9	8.1	23	--	34	26	23
AP Mondovi CL2	30	61.5	9.2	27	--	32	25	23
TMC Lochaven	30	62.6	8.8	24	--	31	25	
Butch CL+ (WA8354 CL+)	30	62.0	8.5	21	--	28	23	
UI Cookie	29	61.0	9.1	23	--	30	23	
<i>Melba</i>	29	61.6	7.8	23	--	33	26	23
WB6211CLP	27	60.5	8.6	24	--	27	22	
Experimental Lines								
WA8408	36	61.9	8.4	24	--			
WA8351	35	62.4	7.6	23	--			
WA8380 CL+	33	61.5	7.4	27	--			
WA8409	33	61.5	8.0	22	--			
WA8384	33	62.4	8.3	27	--			
IDO1902S	32	62.9	8.8	24	--			
WA8327	31	61.6	8.3	25	--			
WA8383	31	61.2	8.3	23	--			
WA8379 CL+	31	61.9	8.1	24	--			
WA8410	30	61.6	8.4	23	--			
C.V.	9	1.0	3.9	5	--	13	15	13
LSD	4	0.9	0.4	2	--	4	3	NS
Average	32	61.8	8.3	24	--	33	25	24
Highest	37	62.9	9.2	27	--	37	28	25
Lowest	27	60.1	7.4	21	--	27	22	23

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

Agronomic Information

Planting Date:	4/20/2023
Harvest Date:	8/23/2023
Seeding Rate (seeds/ac):	650,000
Previous Crop:	Spring Wheat
Spring soil test:	
N (lb/ac) 4-ft sample	82
P ₂ O ₅ (lb/ac) 1-ft sample	162
S (lb/ac) 2-ft sample	23
pH (top 6 inches)	5.6

Trial Notes:

1. The nursery was located approximately 3.5 miles northeast of Bickleton, WA.
 2. The nursery was fertilized at seeding at a rate of 16N, 40P, 19K, 10S, 15Cl. No additional fertilizer was applied after soil sampling.
- s 6% lower and test weight was 0.4 lb/bu less compared
- Cooperator:** Andy & Ron Juris

Herbicides: Glyphosate (16oz), Clethodim (12oz), and Downrigger (6.4oz) were applied on April 8, 2023.

Axial (16oz), Talinor (16oz), Miravis Ace (7oz), and Tilt (2oz) were applied on May 17, 2023.