

2022 WSU Variety Testing Soft White Spring Wheat Trial, Pullman

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)
Released Varieties								
Ryan	91	57.8	11.6	39	--	64	77	81
Roger (WA8325)	91	63.0	10.5	37	--	59	72	
Tekoa	88	62.0	11.5	38	--	65	76	76
Seahawk	86	60.5	12.3	39	--	62	73	77
UI Cookie	86	59.5	11.9	39	--	61		
TMC Lochaven	84	60.4	12.2	38	--	60		
Melba	81	61.7	11.2	38	--	59	72	73
WB6121	79	59.8	12.4	35	--	57	70	70
WB6211CLP	78	57.0	12.7	37	--	59		
AP Mondovi CL2	77	58.3	13.2	42	--	56	69	72
Hedge CL+	77	61.9	12.3	45	--	57	68	71
AP Coachman	75	58.1	10.8	39	--	55	69	70
JD	74	61.4	12.4	45	--	58	68	69
Louise	71	57.7	12.2	41	--	55	67	66
Experimental Lines								
YSC-605	92	60.4	12.3	38	--	64		
IDO1702S	89	61.8	10.9	37	--			
WA8351	89	62.5	11.3	38	--			
WA8321	86	61.3	11.3	39	--	61		
WA8327	86	61.3	11.4	37	--			
WA8354 CL+	84	61.7	11.6	36	--	64		
WA8378	84	60.5	11.3	39	--			
WA8377	83	60.1	11.4	38	--			
IDO1902S	80	62.2	11.4	38	--	59		
IDO1404S	78	59.2	11.9	38	--			
C.V.	5	1.7	3.5	4	--	8	7	7
LSD	8	2.4	0.9	3	--	6	5	4
Average	83	60.4	11.7	39	--	60	71	73
Highest	92	63.0	13.2	45	--	65	77	81
Lowest	71	57.0	10.5	35	--	55	67	66

Agronomic Information

Planting Date:	4/25/2022
Harvest Date:	8/27/2022
Seeding Rate (seeds/ft ²):	22.5
Previous Crop:	Spring Barley
Spring soil test:	
N (lb/ac) 4-ft sample	190
P ₂ O ₅ (lb/ac) 1-ft sample	162
S (lb/ac) 2-ft sample	33
pH (top 6 inches)	5.5

Herbicides: Huskie, Dagger, Axial Bold, and Tilt were applied on June 3.
Tilt was applied on July 8.

Trial Notes:

1. The nursery was located approximately 2.5 miles southeast of Pullman, WA.
2. The nursery was fertilized prior to seeding at a rate of 105N, 15P, 20S, 20Cl by the cooperator. An additional 136N was applied after spring soil sampling.
3. Overall yield was 124% greater and test weight was 1.6 lb/bu more than in 2021.

Cooperator: Frank Ankerson