

2022 WSU Variety Testing Soft White Spring Wheat Trial, Walla Walla

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	110	61.0	11.2	37	165	69	75	80
Seahawk	104	62.0	11.5	38	169	62	74	78
Tekoa	102	62.3	10.7	39	172	63	76	79
UI Cookie	100	60.6	11.4	37	166	61		
WB6121	100	62.3	12.0	34	166	63	69	70
Roger (WA8325)	99	62.0	10.8	37	167	61	67	
TMC Lochaven	95	61.6	12.1	37	170	60		
Melba	94	61.0	10.4	37	171	57	45	52
AP Mondovi CL2	92	60.9	12.9	44	169	58	63	69
Hedge CL+	92	61.9	11.7	45	171	58	47	55
AP Coachman	91	61.2	10.5	40	171	58	67	74
WB6211CLP	91	60.6	12.2	36	166	57		
Louise	89	61.9	11.0	43	170	57	69	74
JD	87	62.2	11.7	44	171	53	46	52
Experimental Lines								
YSC-605	109	61.9	11.4	40	169	66		
WA8327	109	62.6	11.1	39	169			
WA8351	108	63.0	10.6	39	168			
WA8354 CL+	102	61.6	11.8	35	166	61		
WA8377	99	62.0	11.3	40	167			
WA8321	97	61.8	10.9	37	167	60		
IDO1404S	97	61.4	11.2	38	170			
IDO1702S	96	62.6	11.2	35	165			
WA8378	96	63.3	10.6	39	169			
IDO1902S	92	63.6	11.5	37	168	54		
C.V.	4	0.6	2.7	3	0	6	8	9
LSD	6	0.8	0.7	2	1	4	5	5
Average	98	61.9	11.3	39	168	60	64	68
Highest	110	63.6	12.9	45	172	69	76	80
Lowest	87	60.6	10.4	34	165	53	45	52

Agronomic Information

Planting Date:	3/29/2022
Harvest Date:	9/1/2022
Seeding Rate (seeds/ft ²):	20
Previous Crop:	Winter Wheat
Spring soil test:	
N (lb/ac) 4-ft sample	508
P ₂ O ₅ (lb/ac) 1-ft sample	154
S (lb/ac) 2-ft sample	42
pH (top 6 inches)	5.2

Trial Notes:

1. The nursery was located approximately 5 miles northeast of Walla Walla, WA.
2. The nursery was fertilized prior to seeding at a rate of 100N, 10P, 20S by the cooperator. No additional fertilizer was applied after spring soil sampling
3. Overall yield was 346% greater and test weight was 2.7 lb/bu more than in 2021.

Cooperator: Pat McConnel

Herbicides: Axial Star (16.4oz), Talinor (13.7oz), and Slant (4oz) were applied by the cooperator.

Nexicor (13oz) was applied on June 9.