

2022 WSU Variety Testing Soft White Spring Wheat Trial, St. John

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								
Seahawk	68	60.6	11.3	33	180	48	54	66
UI Cookie	66	59.9	11.4	32	178	49		
Ryan	65	59.8	10.9	32	175	47	53	68
Roger (WA8325)	65	62.2	10.5	31	178	47	54	
Hedge CL+	64	61.7	11.7	38	181	45	51	63
WB6121	63	61.0	12.0	29	177	42	50	60
AP Coachman	63	57.7	10.5	36	182	47	53	68
Tekoa	62	60.0	11.5	35	183	45	52	66
JD	59	61.6	11.0	39	181	42	49	61
AP Mondovi CL2	59	58.6	12.7	37	179	43	48	60
Melba	59	60.1	11.0	34	182	45	52	67
TMC Lochaven	58	60.7	12.2	32	181	43		
WB6211CLP	56	58.1	12.5	31	178	40		
Louise	56	58.8	11.6	36	181	49	55	69
Experimental Lines								
WA8351	73	62.1	10.6	32	179			
WA8354 CL+	68	61.2	11.9	31	177	49		
YSC-605	68	60.5	11.3	32	179	42		
WA8327	68	60.7	11.1	33	180			
WA8378	68	61.8	10.7	32	179			
IDO1702S	60	61.0	11.4	29	177			
WA8377	60	59.6	11.4	34	179			
WA8321	59	61.4	10.8	31	178	47		
IDO1902S	58	60.7	11.5	32	180	44		
IDO1404S	57	60.1	11.3	31	181			
C.V.	5	1.1	2.6	4	0	10	8	10
LSD	6	1.3	0.6	3	2	5	4	5
Average	63	60.4	11.4	33	179	45	52	65
Highest	73	62.2	12.7	39	183	49	55	69
Lowest	56	57.7	10.5	29	175	40	48	60

Agronomic Information

Planting Date:	4/7/2022
Harvest Date:	9/5/2022
Seeding Rate (seeds/ft ²):	20
Previous Crop:	Winter Wheat
Spring soil test:	
N (lb/ac) 4-ft sample	380
P ₂ O ₅ (lb/ac) 1-ft sample	145
S (lb/ac) 2-ft sample	43
pH (top 6 inches)	5.5

Trial Notes:

1. The nursery was located approximately 3 miles southeast of St. John, WA.
2. The nursery was fertilized prior to seeding at 75N, 10P, 10K by the cooperator. No additional fertilizer was applied after spring soil sampling.
3. Overall yield was 117% greater and test weight was 0.5 lb/bu less than in 2021.

Cooperator: Rod Mills

Herbicides: Axial (16.4oz), Huskie (15oz), Miravis Ace (7oz), Tilt (2oz), and Zidua (4oz) were applied on May 20. Nexcior (13oz) was applied on June 27.