

2022 WSU Variety Testing Soft White Spring Wheat Trial, Dayton

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								
<i>Roger (WA8325)</i>	58	59.0	11.6	34	183	65		
UI Cookie	58	56.8	12.6	34	183			
TMC Lochaven	56	58.1	12.8	32	185			
Ryan	55	55.8	12.2	33	181	63	62	59
Seahawk	53	56.4	13.3	34	187	57	56	53
WB6121	52	57.0	13.0	30	183	60	57	54
AP Coachman	50	53.3	11.5	36	187	58	59	
Tekoa	50	55.3	13.4	35	187	54	55	53
<i>Melba</i>	49	57.3	12.6	32	187	60	60	57
AP Mondovi CL2	47	54.9	13.7	37	186	53	52	
WB6211CLP	45	52.9	13.5	33	183			
<i>Hedge CL+</i>	42	57.8	13.6	39	186	51	53	
<i>JD</i>	42	57.1	13.5	37	187	50	52	51
Louise	40	55.0	13.0	37	186	48	48	50
Experimental Lines								
WA8354 CL+	58	58.4	12.8	31	182			
WA8327	58	57.2	12.3	35	185			
IDO1702S	58	58.8	11.7	32	181			
WA8351	57	57.9	11.8	34	183			
YSC-605	57	56.4	13.0	35	186			
WA8378	53	58.5	11.9	33	183			
WA8321	51	56.5	12.4	33	183			
IDO1902S	51	58.2	12.9	34	185			
WA8377	50	55.6	12.5	36	183			
IDO1404S	50	55.6	12.5	31	186			
C.V.	5	1.6	3.6	4	0	9	9	8
LSD	5	1.8	0.9	3	2	6	5	3
Average	52	56.7	12.7	34	184	56	56	54
Highest	58	59.0	13.7	39	187	65	62	59
Lowest	40	52.9	11.5	30	181	48	48	50

*5 Year data from 2017, 2018, 2019, 2020, and 2022.

Agronomic Information

Planting Date:	4/29/2022
Harvest Date:	9/15/2022
Seeding Rate (seeds/ft ²):	20
Previous Crop:	Winter Wheat
Spring soil test:	
N (lb/ac) 4-ft sample	94
P ₂ O ₅ (lb/ac) 1-ft sample	158
S (lb/ac) 2-ft sample	19
pH (top 6 inches)	6.3

Trial Notes:

1. The nursery was located approximately 3 miles northeast of Dayton, WA.
2. The nursery was fertilized prior to seeding at a rate of 90N, 14S by the cooperator. An additional 58N was applied after spring soil sampling.
3. Overall yield was 19% less and test weight was 1.4 lb/bu less than in 2020. 2021 data not published.

Cooperator: Justin Ingram

Herbicides: Axial (16.4oz), Huskie (15oz), Miravis Ace (7oz), Tilt (2oz), and Zidua (4oz) were applied on May 23.

Nexicor (13oz) was applied on July 1.