

2022 WSU Variety Testing Soft White Spring Wheat Trial, Farmington

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								
Tekoa	100	64.1	11.9	39	188	70	66	73
Ryan	100	61.6	11.2	37	182	69	63	72
<i>Melba</i>	98	61.3	11.8	34	187	68	64	70
Louise	96	61.5	11.2	40	187	70	61	66
<i>Roger (WA8325)</i>	96	63.0	11.2	36	184	67	64	
<i>JD</i>	95	62.9	12.3	43	188	65	62	66
UI Cookie	95	62.3	11.8	38	185	65		
Seahawk	94	63.0	13.3	37	188	71	65	71
AP Mondovi CL2	92	61.5	13.9	40	186	67	61	67
<i>Hedge CL+</i>	90	63.0	13.2	41	187	66	62	68
AP Coachman	88	60.3	12.5	39	187	68	60	67
TMC Lochaven	88	62.7	12.1	37	188	61		
WB6211CLP	88	61.0	12.0	34	185	64		
WB6121	85	62.3	13.2	34	184	62	60	64
Experimental Lines								
WA8327	105	62.8	11.0	36	187			
WA8378	100	62.4	11.1	38	186			
WA8351	100	63.5	10.9	38	186			
YSC-605	99	62.4	11.7	36	188	70		
IDO1404S	96	62.6	12.5	39	188			
WA8377	96	62.0	11.8	39	185			
WA8321	95	62.6	11.0	37	186	73		
IDO1902S	92	63.3	12.0	37	187	71		
IDO1702S	90	63.0	11.7	34	184			
WA8354 CL+	87	62.4	11.8	33	184	69		
C.V.	3	0.7	5.9	5	0.4	7	9	8
LSD	7	0.9	1.6	4	2	5	NS	4
Average	94	62.4	12.0	37	186	67	62	68
Highest	105	64.1	13.9	43	188	73	66	73
Lowest	85	60.3	10.9	33	182	61	60	64

Agronomic Information

Planting Date:	4/22/2022
Harvest Date:	9/12/2022
Seeding Rate (seeds/ft ²):	22.5
Previous Crop:	Winter Wheat
Spring soil test:	
N (lb/ac) 4-ft sample	165
P ₂ O ₅ (lb/ac) 1-ft sample	183
S (lb/ac) 2-ft sample	34
pH (top 6 inches)	5.1

Herbicides: Anthem Flex (3.5oz) was applied on May 1.

Axial (16.4oz), Huskie (15oz), Miravis Ace (7oz), Tilt (2oz), and Zidua (4oz) were applied on May 20.

Trial Notes:

1. The nursery was located approximately 4 miles south of Farmington, WA.
2. The nursery was fertilized at seeding at a rate of 32N, 8P, 20K, 20S. No additional fertilizer was applied after spring soil sampling.
3. Overall yield was 119% greater and test weight was 3.7 lb/bu more than in 2021.

Cooperator: Andrew Nelson