WASHINGTON STATE UNIVERSITY EXTENSION

2022 WSU Variety Testing Soft White Spring Wheat Trial, Fairfield

Variety Name *Club Italicized*	2022 Yield (Bu/A)	Test WT (Lbs/Bu)	Protein (%)	Plant HT (In)	Head Date	2 Year Average (Bu/A)	3 Year Average (Bu/A)	5 Year Average (Bu/A)
Released Varieties								
Ryan	**71**	59.4	9.6	32	185			
Seahawk	**71**	60.9	10.4	32	188			
TMC Lochaven	**70**	**61.6**	10.4	33	188			
Melba	**69**	60.2	10.3	31	188			
Hedge CL+	**68**	**63.1**	10.8	36	188			
UI Cookie	**68**	59.8	10.9	33	187			
JD	**68**	**62.3**	10.7	37	188			
Tekoa	**68**	60.1	10.4	34	188			
AP Coachman	65	58.7	10.2	36	188			
Louise	65	**61.8**	10.0	37	188			
Roger (WA8325)	62	**62.9**	9.6	29	187			
WB6121	61	61.2	10.7	31	185			
AP Mondovi CL2	59	60.6	11.5	38	188			
WB6211CLP	57	60.4	10.6	33	187			
Experimental Lines								
IDO1702S	**72**	**62.1**	10.3	31	184			
WA8351	**72**	**62.3**	9.5	34	187			
WA8377	**71**	61.1	10.3	36	186			
WA8378	**70**	**62.2**	9.4	34	187			
IDO1902S	**70**	**62.3**	10.5	32	187			
WA8327	**70**	**61.5**	9.6	33	187			
WA8354 CL+	**70**	**63.3**	9.8	30	186			
YSC-605	**68**	61.0	9.8	32	188			
IDO1404S	**67**	61.2	10.5	32	188			
WA8321	63	**61.4**	9.7	34	187			
C.V.	5	1.4	4.3	4	0.5			
LSD	6	1.9	1.0	3	2			
Average	67	61.3	10.2	33	187			
Highest	72	63.3	11.5	38	188			
Lowest	57	58.7	9.4	29	184			

Agronomic Information

Planting Date:	4/25/2022
Harvest Date:	9/8/2022
Seeding Rate (seeds/ft^2):	22.5
Previous Crop:	Spring Wheat
Spring soil test:	
N (lb/ac) 4-ft sample	209
P_2O_5 (lb/ac) 1-ft sample	108
S (lb/ac) 2-ft sample	30
pH (top 6 inches)	4.9

Trial Notes:

1. The nursery was located approximately 5.5 miles east of Fairfield, WA.

2. The nursery was fertilized at seeding at a rate of 24N, 6P, 15K, 15S. No additional fertilizer was applied after spring soil sampling.

3. Overall yield was 86% greater and test weight was 3.4 lb/bu more than in 2021.

Cooperator: David Degon

Herbicides: Axial (16.4oz), Huskie (15oz), Miravis Ace (7oz), Tilt (2oz), and Zidua (4oz) were applied on June 7. Nexicor (13oz) was applied on June 30.