

2021 WSU Variety Testing Soft White Spring Wheat Trial, Fairfield

Variety Name <i>Club Italicized</i>	2021					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								
AP Coachman	43	57.9	10.1	24	--	60	59	
Ryan	42	57.8	10.4	24	--	64	64	63
Louise	39	57.0	10.6	26	--	58	58	59
Tekoa	38	60.5	11.0	26	--	57	58	59
Seahawk	38	60.1	11.1	21	--	58	60	59
Hedge CL+	37	59.2	11.3	25	--	53	52	
WB6341	37	56.9	10.1	22	--	63	61	62
YSC-605	37	59.2	11.4	23	--			
JD	36	58.2	11.6	23	--	53	53	55
WB6211CLP	35	54.5	11.8	24	--			
UI Stone	34	56.1	11.3	24	--			
AP Mondovi CL2	33	56.6	12.7	27	--	51	51	
UI Cookie	32	57.6	12.7	26	--			
WB6121	32	56.1	11.7	22	--	55	57	57
Melba	30	56.3	12.3	21	--	56	51	53
YSC-603	29	56.4	12.9	25	--			
Experimental Lines								
WA8321	40	58.2	9.9	24	--			
WA8354 CL+	40	59.0	11.1	22	--			
WA8353 CL+	37	58.1	10.3	24	--			
WA8352 CL+	36	60.0	10.8	22	--			
WA8325	36	57.5	10.3	23	--	59		
TMC 2021	36	58.6	11.3	23	--			
IDO1802S	36	58.3	11.6	23	--			
IDO1902S	35	59.0	11.4	24	--			
C.V.	5	1.2	2.2	5	--	8	10	8
LSD	3	1.1	0.4	2	--	5	5	3
Average	36	57.9	11.2	24	--	57	55	56
Highest	43	60.5	12.9	27	--	64	64	63
Lowest	29	54.5	9.9	21	--	51	36	41

Agronomic Information

Planting Date:	4/20/2021
Harvest Date:	8/19/2021
Seeding Rate (seeds/ft ²):	22.5
Previous Crop:	Winter Wheat
Spring soil test:	
N (lb/ac) 4-ft sample	73
P ₂ O ₅ (lb/ac) 1-ft sample	100
S (lb/ac) 2-ft sample	10
pH (top 6 inches)	5.5

Trial Notes:

1. The Fairfield nursery was located 4.5 miles E of Fairfield, WA.
2. The nursery was fertilized prior to seeding at a rate of 63N, 17P, 14S. An additional 40N was applied after spring soil sampling.
3. Overall yield was 54% lower than 2020 and test weight was 4.4 lb/bu less.

Cooperator: David Degon

Herbicide: Axial (16.4oz), Huskie (15oz), Miravis Ace (7oz), and Tilt (2oz) were applied on May 26, 2021.