

2021 WSU Variety Testing Soft White Spring Wheat Trial, Farmington

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								
Seahawk	48	60.2	12.0	24	--	49	59	66
Louise	47	58.1	11.7	29	--	45	51	61
AP Mondovi CL2	46	58.5	13.2	27	--	46	53	
Ryan	46	57.0	11.7	25	--	45	55	66
AP Coachman	45	58.0	11.7	25	--	46	54	
YSC-605	44	59.6	12.1	23	--			
Hedge CL+	44	59.4	12.7	25	--	50	56	
Tekoa	43	61.4	12.7	25	--	51	60	68
WB6211CLP	42	55.6	13.3	23	--			
WB6341	41	57.8	11.2	24	--	43	55	64
JD	40	59.4	12.6	23	--	47	51	60
UI Stone	40	58.2	12.0	23	--			
WB6121	38	57.9	13.0	24	--	49	54	61
UI Cookie	38	58.3	13.4	26	--			
YSC-603	38	58.9	13.9	24	--			
Melba	34	56.8	13.7	19	--	49	57	64
Experimental Lines								
WA8321	49	59.8	11.0	26	--			
WA8325	48	57.4	11.1	24	--	53		
IDO1902S	46	60.2	12.2	24	--			
WA8354 CL+	45	59.6	12.1	24	--			
WA8353 CL+	45	59.0	11.1	21	--			
WA8352 CL+	44	60.7	11.5	25	--			
IDO1802S	43	58.5	12.4	23	--			
TMC 2021	41	58.8	12.9	23	--			
C.V.	6	1.4	2.4	7	--	9	8	7
LSD	4	1.4	0.5	3	--	5	4	3
Average	43	58.7	12.3	24	--	48	55	62
Highest	49	61.4	13.9	29	--	53	60	68
Lowest	34	55.6	11.0	19	--	43	51	53

Agronomic Information

Planting Date:	4/15/2021
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	74
P ₂ O ₅ (lb/ac) 1-ft sample	167
S (lb/ac) 2-ft sample	12
pH (top 6 inches)	5.3

Trial Notes:

1. The Farmington nursery was located 3.5 miles S of Farmington, WA.
2. The nursery was fertilized prior to seeding at a rate of 95N, 20S. An additional 38N, 30P was applied after spring soil sampling.
3. Overall yield was 15% lower than 2020 and test weight was 1.1 lb/bu more.

Cooperator: Andrew Nelson

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