

2021 WSU Variety Testing Soft White Spring Wheat Trial, Palouse

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	50	56.6	10.9	26	--	60	70	
Seahawk	50	58.8	11.4	27	--	56	70	84
Tekoa	47	59.9	11.3	27	--	63	74	89
Hedge CL+	47	57.8	11.9	26	--	54	65	
WB6341	46	57.0	10.7	26	--	51	66	75
Ryan	46	57.2	11.2	26	--	53	66	81
UI Cookie	45	58.2	12.0	27	--			
Melba	44	56.2	11.4	28	--	57	70	83
UI Stone	43	55.6	11.5	26	--			
WB6211CLP	43	54.5	12.0	26	--			
YSC-605	43	58.7	10.9	26	--			
WB6121	42	58.4	12.1	28	--	50	60	74
AP Mondovi CL2	42	56.4	13.1	26	--	56	64	
YSC-603	40	58.6	13.1	26	--			
JD	39	57.3	11.8	27	--	53	64	75
Louise	35	57.7	11.9	28	--	49	64	79
Experimental Lines								
WA8352 CL+	46	59.6	10.7	27	--			
WA8321	46	59.3	10.9	28	--			
TMC 2021	45	58.3	12.1	27	--			
WA8354 CL+	45	59.2	11.5	26	--			
WA8325	44	57.0	11.0	27	--	55		
WA8353 CL+	43	58.8	10.5	25	--			
IDO1902S	43	57.5	11.5	27	--			
IDO1802S	42	57.0	11.6	28	--			
C.V.	7	2.0	3.7	7	--	11	8	8
LSD	5	1.9	0.7	3	--	6	5	4
Average	44	57.7	11.5	27	--	55	66	79
Highest	50	59.9	13.1	28	--	63	74	89
Lowest	35	54.5	10.5	25	--	49	60	68

Agronomic Information

Planting Date:	4/1/2021
Harvest Date:	8/14/2021
Seeding Rate (seeds/ft ²):	22.5
Previous Crop:	
Spring soil test:	
N (lb/ac) 4-ft sample	76
P ₂ O ₅ (lb/ac) 1-ft sample	425
S (lb/ac) 2-ft sample	37
pH (top 6 inches)	5.2

Herbicide: Herbicides were applied by the cooperator

Trial Notes:

1. The Palouse nursery was located 3 miles E of Colfax, WA.
2. The nursery was fertilized prior to seeding by the cooperator. No additional fertilizer was applied after spring soil sampling.
3. Overall yield was 30% lower than 2020 and test weight was 4.5 lb/bu less.

Cooperator: David Lange