

2021 WSU Variety Testing Soft White Spring Wheat Trial, St. John

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								
Louise	37	59.8	11.4	25	163	57	64	75
AP Coachman	32	59.1	11.4	27	164	51	59	
Ryan	32	60.1	11.7	25	157	53	59	71
WB6341	31	60.2	11.3	23	159	55	63	73
Tekoa	31	62.0	12.5	25	167	54	60	71
Hedge CL+	30	61.7	11.9	23	164	51	58	
JD	30	62.1	12.4	23	165	51	57	68
Melba	29	61.9	12.0	23	165	53	61	73
AP Mondovi CL2	28	59.5	14.0	26	161	46	53	
Seahawk	27	60.5	12.1	23	163	51	58	69
UI Stone	27	61.8	12.2	26	161			
YSC-605	26	60.7	12.8	25	163			
WB6211CLP	26	59.1	12.7	24	159			
UI Cookie	25	60.6	13.3	25	159			
WB6121	24	61.0	13.8	24	159	51	55	62
YSC-603	20	60.6	14.5	25	161			
Experimental Lines								
WA8321	32	60.7	11.2	26	162			
IDO1802S	31	61.0	12.9	25	159			
TMC 2021	31	61.4	12.8	24	162			
WA8325	31	61.9	11.3	23	159	56		
WA8352 CL+	30	61.7	12.0	25	164			
IDO1902S	29	62.9	12.4	26	163			
WA8353 CL+	28	60.5	11.3	24	158			
WA8354 CL+	25	61.1	12.7	23	160			
C.V.	8	0.7	2.7	8	1	9	9	8
LSD	4	0.8	0.6	3	2	5	5	4
Average	29	60.9	12.3	25	161	52	57	68
Highest	37	62.9	14.5	27	167	57	64	75
Lowest	20	59.1	11.2	23	157	46	43	48

Agronomic Information

Planting Date:	4/6/2021
Harvest Date:	8/14/2021
Seeding Rate (seeds/ft ²):	20
Previous Crop:	Winter Wheat
Spring soil test:	
N (lb/ac) 4-ft sample	263
P ₂ O ₅ (lb/ac) 1-ft sample	180
S (lb/ac) 2-ft sample	35
pH (top 6 inches)	5.5

Trial Notes:

1. The St. John nursery was located 3 miles SE of St. John, 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 61% lower than 2020 and test weight was 0.4 lb/bu less.

Cooperator: Rod Mills

Herbicide: Axial (16.4oz), Huskie (15oz), Miravis Ace (7oz), and Tilt (2oz) were applied on May 21, 2021.