

2021 WSU Variety Testing Soft White Spring Wheat Trial, Horse Heaven

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)
<i>Released Varieties</i>								
Tekoa	13	--		20	--	29	27	33
AP Mondovi CL2	12	--		19	--	23	22	
AP Coachman	11	--		17	--	27	27	
Seahawk	10	--		16	--	21	22	30
WB6211CLP	9	--		15	--			
WB6341	9	--		15	--	23	23	30
Melba	9	--		13	--	24	24	32
Louise	9	--		16	--	25	24	31
JD	8	--		17	--	20	21	29
Ryan	8	--		16	--	23	22	30
UI Stone	8	--		16	--			
Hedge CL+	8	--		14	--	23	23	
YSC-605	8	--		15	--			
UI Cookie	7	--		16	--			
WB6121	6	--		14	--	19	20	28
YSC-603	6	--		16	--			
<i>Experimental Lines</i>								
TMC 2021	10	--		16	--			
WA8352 CL+	10	--		18	--			
WA8321	9	--		16	--			
WA8325	8	--		13	--	21		
IDO1902S	8	--		16	--			
IDO1802S	8	--		15	--			
WA8354 CL+	8	--		14	--			
WA8353 CL+	8	--		16	--			
C.V.	11	--		10	--	14	13	11
LSD	2	--		3	--	3	2	2
Average	9	--		16	--	23	22	30
Highest	13	--		20	--	29	27	33
Lowest	6	--		13	--	19	13	22

Agronomic Information

Planting Date:	3/12/2021
Harvest Date:	7/23/2021
Seeding Rate (seeds/ft ²):	15
Previous Crop:	Winter Wheat
Spring soil test:	
N (lb/ac) 4-ft sample	75
P ₂ O ₅ (lb/ac) 1-ft sample	63
S (lb/ac) 2-ft sample	8
pH (top 6 inches)	6.4

Herbicide: Herbicides were applied by the cooperator

Trial Notes:

1. The Horse Heaven nursery was located 9 miles E of Horse Heaven, WA.
2. The nursery was fertilized prior to seeding at a rate of 8N, 8P. An additional 48N was applied after spring soil sampling.
3. Overall yield was 76% lower than 2020. Samples not large enough to measure test weight.

Cooperator: Chad Smith