

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)
Released Varieties								
Tekoa	13	57.5	13.6	20	--	29	27	33
AP Mondovi CL2	12	57.5	15.0	19	--	23	22	
AP Coachman	11	56.5	11.3	17	--	27	27	
Seahawk	10	60.4	12.3	16	--	21	22	30
WB6211CLP	9	57.5	13.0	15	--			
WB6341	9	59.1	11.9	15	--	23	23	30
Melba	9	59.2	12.8	13	--	24	24	32
Louise	9	57.1	12.9	16	--	25	24	31
JD	8	60.2	13.0	17	--	20	21	29
Ryan	8	59.6	13.0	16	--	23	22	30
UI Stone	8	61.2	12.7	16	--			
Hedge CL+	8	60.1	13.2	14	--	23	23	
YSC-605	8	59.8	12.4	15	--			
UI Cookie	7	59.9	14.2	16	--			
WB6121	6	60.7	13.7	14	--	19	20	28
YSC-603	6	59.4	14.7	16	--			
Experimental Lines								
TMC 2021	10	60.2	13.7	16	--			
WA8352 CL+	10	59.8	12.5	18	--			
WA8321	9	60.3	11.8	16	--			
WA8325	8	61.1	11.8	13	--	21		
IDO1902S	8	61.6	13.1	16	--			
IDO1802S	8	60.7	13.2	15	--			
WA8354 CL+	8	60.0	12.9	14	--			
WA8353 CL+	8	60.7	11.8	16	--			
C.V.	11	0.7	3.2	10	--	14	13	11
LSD	2	0.7	0.7	3	--	3	2	2
Average	9	59.6	12.9	16	--	23	22	30
Highest	13	61.6	15.0	20	--	29	27	33
Lowest	6	56.5	11.3	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: 2-4D (1pt) and Plotters (.1oz) 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. No additional fertilizer was applied after spring soil sampling.
3. Overall yield was 76% lower than 2020 and test weight was 2.0 lb/bu less.

Cooperator: Chad Smith