

2022 WSU Variety Testing Soft White Spring Wheat Trial, Horse Heaven

Variety Name <i>Club Italicized</i>	2022					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	33	61.8	10.1	29	165	21	25	27
TMC Lochaven	33	62.9	11.2	24	166	21		
AP Coachman	33	60.6	9.5	26	167	23	27	30
Tekoa	32	62.8	10.3	27	168	22	27	29
Melba	32	61.6	9.6	23	167	22	26	29
Ryan	31	62.3	10.3	25	163	20	24	26
AP Mondovi CL2	31	61.8	11.5	31	166	22	25	25
Seahawk	30	61.8	9.8	24	166	20	23	27
Hedge CL+	30	63.3	10.9	21	167	18	23	26
UI Cookie	29	61.4	10.6	23	163	17		
WB6211CLP	28	61.3	10.8	25	164	20		
WB6121	28	63.0	11.0	24	164	17	20	23
Roger (WA8325)	26	62.7	9.7	20	165	18	21	
JD	26	63.2	10.9	22	166	18	21	25
Experimental Lines								
WA8327	35	62.2	9.7	24	167			
WA8351	33	63.3	9.5	26	165			
IDO1404S	31	62.6	9.8	25	166			
WA8378	31	62.8	9.9	25	165			
WA8321	30	62.6	9.6	24	165	21		
WA8377	30	61.9	10.2	25	166			
WA8354 CL+	29	63.1	10.6	24	165	18		
YSC-605	28	61.8	10.0	23	166	19		
IDO1902S	26	63.4	10.9	24	164	17		
IDO1702S	24	63.2	10.6	23	162			
C.V.	10	0.4	3.3	5	0	12	10	11
LSD	6	0.6	0.8	3	2	3	2	2
Average	30	62.4	10.3	24	165	20	24	27
Highest	35	63.4	11.5	31	168	23	27	30
Lowest	24	60.6	9.5	20	162	17	20	23

Agronomic Information

Planting Date:	3/16/2022
Harvest Date:	8/11/2022
Seeding Rate (seeds/ft ²):	15
Previous Crop:	Winter Wheat
Spring soil test:	
N (lb/ac) 4-ft sample	95
P ₂ O ₅ (lb/ac) 1-ft sample	41
S (lb/ac) 2-ft sample	14
pH (top 6 inches)	6.7

Trial Notes:

1. The nursery was located approximately 6 miles southwest of Benton City, WA.
2. No preplant fertilizer was applied. The nursery was fertilized at a rate of 16N, 4P, 10K, 10S after spring soil sampling.
3. Overall yield was 233% greater and test weight was 2.8 lb/bu more than in 2021.

Cooperator: Chad Smith

Herbicides: Axial (16.4oz), Huskie (15oz), Miravis Ace (7oz), Tilt (2oz), and Zidua (4oz) were applied on June 3.