

2021 WSU Variety Testing Hard Red Spring Wheat Trial, Horse Heaven

Variety Name <i>Hard White 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								
Net CL+	10	60.6	16.2	17	--	20	20	27
SY Gunsight	10	60.7	15.5	16	--	19	18	26
Alum	10	61.8	15.3	17	--	22	21	28
Kelse	10	60.4	16.1	18	--	19	19	26
Chet	10	61.9	15.9	19	--	21	20	26
AP Renegade	8	60.1	15.2	17	--	16	16	25
Glee	8	62.8	15.9	16	--	17	17	25
WB9662	7	61.9	16.6	14	--	14	15	23
Lanning	7	61.1	16.0	16	--			
WB9668	6	62.5	18.4	14	--	15	15	23
WB9303	5	63.6	17.2	16	--	10		
YSC-803	5	62.0	17.1	15	--			
Experimental Lines								
CP3119A	11	52.0	14.6	18	--			
WA8355	10	60.1	15.4	18	--			
WA8315	10	61.9	16.3	19	--	22	20	
WA8356	9	61.6	15.7	17	--			
WA8330	8	62.4	16.8	17	--	19		
WA8357	7	63.0	17.4	19	--			
C.V.	14	0.8	1.7	8	--	14	12	11
LSD	2	0.8	0.5	3	--	3	2	2
Average	8	61.1	16.2	17	--	18	18	26
Highest	11	63.6	18.4	19	--	22	21	28
Lowest	5	52.0	14.6	14	--	10	15	23

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: 2,4-D (1pt) and Plotter (.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. An additional 48N was applied after spring soil sampling.
3. Overall yield was 70% lower than 2020 and test weight was 0.4 lb/bu less.

Cooperator: Chad Smith