

2021 WSU Variety Testing Hard Red Spring Wheat Trial, Walla Walla

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								
Lanning	29	58.7	16.7	22	--			
Alum	25	58.6	16.4	19	--	53	60	72
Chet	24	59.0	16.6	22	--	53	58	69
Net CL+	24	58.6	16.7	20	--	50	58	
Kelse	23	58.7	16.3	21	--	48	55	67
AP Renegade	21	57.3	15.7	20	--	52	61	
WB9668	21	58.1	18.9	18	--	47	50	64
Glee	21	59.1	16.1	20	--	51	58	73
SY Gunsight	21	56.5	16.6	18	--	24	36	56
WB9662	19	57.9	17.8	20	--	25	32	
YSC-803	18	57.6	17.8	19	--			
WB9303	16	59.4	18.6	18	--	39		
Experimental Lines								
WA8315	26	59.2	16.8	23	--	55	63	
WA8330	26	59.9	16.3	20	--	53		
WA8355	25	59.0	15.6	18	--			
CP3119A	24	50.2	15.6	22	--			
WA8356	24	59.1	15.8	20	--			
WA8357	23	60.4	17.9	21	--			
C.V.	10	1.3	1.5	10	--	11	9	7
LSD	4	1.4	0.4	4	--	5	4	3
Average	23	58.2	16.8	20	--	46	53	67
Highest	29	60.4	18.9	23	--	55	63	73
Lowest	16	50.2	15.6	18	--	24	32	56

Agronomic Information

Planting Date:	3/18/2021
Harvest Date:	8/12/2021
Seeding Rate (seeds/ft ²):	20
Previous Crop:	Garbonzos
Spring soil test:	
N (lb/ac) 4-ft sample	344
P ₂ O ₅ (lb/ac) 1-ft sample	392
S (lb/ac) 2-ft sample	32
pH (top 6 inches)	4.7

Herbicide: No herbicides were applied on this trial.

Trial Notes:

1. The Walla Walla nursery was located 5 miles NE of Walla Walla, WA.
2. The nursery was fertilized prior to seeding at a rate of 160N, 10P, 10K, 15S. No additional fertilizer was applied.
3. Overall yield was 64% lower than 2020 and test weight was 2.2 lb/bu less.

Cooperator: Jason Lynch