

2022 WSU Variety Testing Hard Red Spring Wheat Trial, Walla Walla

Variety Name <i>Hard White 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								
CP3055	95	59.6	12.4	41	174			
Alum	93	63.8	12.8	39	169			
CP3099A	92	61.2	12.2	44	173			
WB9623	91	61.9	13.5	39	168			
Hale (WA8315)	90	62.9	13.4	40	167			
Glee	89	62.7	12.9	37	165			
AP Renegade	88	61.8	14.9	30	166			
Jefferson	86	62.5	13.9	38	167			
Net CL+	86	63.9	13.5	38	170			
Kelse	84	62.5	13.8	38	167			
Chet	84	63.4	14.2	51	169			
Jefferson HF	82	62.6	13.8	38	167			
CP3530	81	62.4	12.8	41	171			
WB9668	80	63.1	14.9	30	166			
WB9303	79	62.2	15.3	33	159			
Experimental Lines								
WA8330	98	63.3	13.1	36	165			
CPX39120	91	59.5	12.8	42	174			
WA8387 CL+	88	63.3	13.3	36	167			
WA8355	88	62.8	13.4	36	166			
WA8356	87	62.3	13.8	35	166			
WA8389 CL+	84	63.6	13.0	35	170			
WA8357	84	63.7	14.2	42	167			
WA8388 CL+	84	62.9	13.0	33	167			
WA8358 CL+	82	63.4	14.2	37	167			
C.V.	5	0.6	2.9	3	0			
LSD	7	0.9	0.9	2	1			
Average	87	62.6	13.6	38	168			
Highest	98	63.9	15.3	51	174			
Lowest	79	59.5	12.2	30	159			

Agronomic Information

Planting Date:	3/29/2022
Harvest Date:	9/1/2022
Seeding Rate (seeds/ft ²):	20
Previous Crop:	Winter Wheat
Spring soil test:	
N (lb/ac) 4-ft sample	508
P ₂ O ₅ (lb/ac) 1-ft sample	154
S (lb/ac) 2-ft sample	42
pH (top 6 inches)	5.2

Herbicides: Axial Star (16.4oz), Talinor (13.7oz), and Slant (4oz) were applied by the cooperaor.

Nexicor (13oz) was applied on June 9.

Trial Notes:

1. The nursery was located approximately 5 miles northeast of Walla Walla, WA.
2. The nursery was fertilized prior to seeding at a rate of 100N, 10P, 20S by the cooperaor. No additional fertilizer was applied after spring soil sampling
3. Overall yield was 278% greater and test weight was 4.4 lb/bu more than in 2021.

Cooperator: Pat McConnell