

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	59	68	70
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	58	67	
Glee	89	62.7	12.9	37	165	56	65	69
AP Renegade	88	61.8	14.9	30	166	54	65	71
Jefferson	86	62.5	13.9	38	167			
Net CL+	86	63.9	13.5	38	170	55	64	70
Kelse	84	62.5	13.8	38	167	54	61	67
Chet	84	63.4	14.2	51	169	54	62	66
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	51	57	60
WB9303	79	62.2	15.3	33	159	47	49	
Experimental Lines								
WA8330	98	63.3	13.1	36	165	62	65	
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	57		
WA8356	87	62.3	13.8	35	166	55		
WA8389 CL+	84	63.6	13.0	35	170			
WA8357	84	63.7	14.2	42	167	53		
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	6	15	8
LSD	7	0.9	0.9	2	1	4	9	4
Average	87	62.6	13.6	38	168	55	62	67
Highest	98	63.9	15.3	51	174	62	68	71
Lowest	79	59.5	12.2	30	159	47	49	60

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

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 cooperator. 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

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

Nexicor (13oz) was applied on June 9.