

2022 WSU Variety Testing Hard Red Spring Wheat Trial, Lamont

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								
WB9303	59	63.3	15.0	35	168	35	42	
Kelse	57	55.2	16.0	36	175	33	37	35
Hale (WA8315)	56	59.0	14.8	36	174	37	41	
Jefferson HF	54	58.2	15.2	35	173			
Jefferson	54	58.1	15.2	33	174			
AP Renegade	54	59.2	15.3	31	173	38	41	38
Glee	52	56.7	15.3	34	172	34	41	38
WB9668	51	57.4	16.7	31	172	33	39	33
Chet	51	59.2	15.3	44	176	32	36	37
WB9623	50	56.0	15.4	34	175			
CP3055	50	51.7	15.3	37	180			
CP3099A	48	54.7	13.7	38	179			
Alum	47	56.3	14.8	36	176	32	37	36
Net CL+	46	58.4	15.1	36	177	32	38	35
Experimental Lines								
WA8355	57	58.7	14.2	35	175	36		
WA8388 CL+	55	57.8	15.0	33	174			
WA8356	52	57.0	15.9	34	173	35		
WA8387 CL+	52	60.2	14.3	33	174			
WA8330	52	58.5	14.8	34	171	35	40	
WA8358 CL+	51	58.6	14.9	37	174			
WA8357	50	60.8	15.5	40	174	34		
WA8389 CL+	48	58.8	14.8	34	176			
CP3530	46	54.8	15.3	38	177			
CPX39120	41	51.4	15.9	39	180			
C.V.	6	2.2	3.4	4	0	13	15	16
LSD	6	2.8	1.2	3	1	NS	NS	NS
Average	51	57.5	15.2	36	175	34	39	36
Highest	59	63.3	16.7	44	180	38	42	38
Lowest	41	51.4	13.7	31	168	32	36	33

Agronomic Information

Planting Date:	4/1/2022
Harvest Date:	8/28/2022
Seeding Rate (seeds/ft ²):	20
Previous Crop:	Spring Barley
Spring soil test:	
N (lb/ac) 4-ft sample	187
P ₂ O ₅ (lb/ac) 1-ft sample	200
S (lb/ac) 2-ft sample	32
pH (top 6 inches)	5.5

Trial Notes:

1. The nursery was located approximately 4 miles west of Ewan, WA.
2. The nursery was fertilized prior to seeding at a rate of 75N, 10P, 10K by the cooperator. No additional fertilizer was applied after spring soil sampling.
3. Overall yield was 200% greater and test weight was 1.5 lb/bu more than in 2021.

Cooperator: Rod Mills

Herbicides: Axial (16.4oz), Huskie (15oz), Miravis Ace (7oz), Tilt (2oz), and Zidua (4oz) were applied on May 20. Nexicor (13oz) was applied on June 27.