

2022 WSU Variety Testing Hard Red Spring Wheat Trial, Farmington

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								
Hale (WA8315)	98	62.6	13.5	40	186	69	67	
Glee	95	60.4	12.5	40	185	66	68	68
CP3099A	94	59.6	12.5	44	190			
Jefferson HF	91	61.1	13.7	38	189			
WB9623	91	60.8	12.5	36	188			
CP3055	91	59.0	11.8	41	191			
Jefferson	90	61.0	14.3	39	188			
Chet	89	63.2	13.4	52	186	64	63	62
WB9303	89	63.1	13.4	34	180	64	64	
Alum	87	60.7	14.3	39	187	62	59	59
Net CL+	87	62.8	13.6	40	188	66	63	61
WB9668	86	61.9	15.9	31	184	59	59	59
Kelse	85	61.4	13.2	39	187	59	61	61
CP3530	82	60.5	15.2	41	188			
AP Renegade	81	62.3	15.0	32	188	59	62	64
Experimental Lines								
WA8330	94	61.7	12.4	36	184	69	69	
WA8355	94	61.8	14.0	36	186	69		
WA8388 CL+	93	62.7	12.9	34	185			
WA8387 CL+	91	61.6	13.1	36	186			
WA8358 CL+	90	62.2	13.4	38	188			
WA8356	87	61.6	12.9	37	186	66		
CPX39120	87	58.5	13.3	42	191			
WA8389 CL+	86	62.6	13.0	37	188			
WA8357	85	63.3	13.9	42	187	62		
C.V.	3	1.5	8.9	3	0.4	6	6	8
LSD	4	2.1	2.7	3	2	4	4	3
Average	89	61.5	13.5	38	187	64	63	62
Highest	98	63.3	15.9	52	191	69	69	68
Lowest	81	58.5	11.8	31	180	59	59	59

*Multi-year averages do not include data from 2020.

Agronomic Information

Planting Date:	4/22/2022
Harvest Date:	9/12/2022
Seeding Rate (seeds/ft ²):	22.5
Previous Crop:	Winter Wheat
Spring soil test:	
N (lb/ac) 4-ft sample	165
P ₂ O ₅ (lb/ac) 1-ft sample	183
S (lb/ac) 2-ft sample	34
pH (top 6 inches)	5.1

Trial Notes:

1. The nursery was located approximately 4 miles south of Farmington, WA.
2. The nursery was fertilized at seeding at a rate of 32N, 8P, 20K, 20S. An additional 68N was applied after spring soil sampling.
3. Overall yield was 123% greater and test weight was 3.3 lb/bu more than in 2021.

Cooperator: Andrew Nelson

Herbicides: Anthem Flex (3.5oz) was applied on May 1.

Axial (16.4oz), Huskie (15oz), Miravis Ace (7oz), and Tilt (2oz) were applied on June 7, 2022.