

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			
Glee	95	60.4	12.5	40	185			
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			
WB9303	89	63.1	13.4	34	180			
Alum	87	60.7	14.3	39	187			
Net CL+	87	62.8	13.6	40	188			
WB9668	86	61.9	15.9	31	184			
Kelse	85	61.4	13.2	39	187			
CP3530	82	60.5	15.2	41	188			
AP Renegade	81	62.3	15.0	32	188			
Experimental Lines								
WA8330	94	61.7	12.4	36	184			
WA8355	94	61.8	14.0	36	186			
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			
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			
C.V.	3	1.5	8.9	3	0.4			
LSD	4	2.1	2.7	3	2			
Average	89	61.5	13.5	38	187			
Highest	98	63.3	15.9	52	191			
Lowest	81	58.5	11.8	31	180			

Agronomic Information

Planting Date:	4/22/2022
Harvest Date:	9/12/2022
Seeding Rate (seeds/ft ²):	22.5
Previous Crop:	
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

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.

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