

## 2022 WSU Variety Testing Hard Red Spring Wheat Trial, Fairfield

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)
<b>Released Varieties</b>								
Glee	70	61.9	11.8	34	185	52	63	58
Chet	69	63.3	13.0	44	186	50	53	51
Hale (WA8315)	68	62.7	12.3	34	188	54	68	
WB9623	66	61.7	12.7	33	188			
CP3099A	66	59.3	11.5	38	192			
CP3055	66	58.6	12.0	34	191			
Jefferson HF	65	61.9	12.7	33	189			
Alum	65	61.9	12.5	34	188	51	62	58
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WB9303	63	62.5	13.5	33	181	44	52	
Kelse	63	62.7	13.2	35	187	49	58	54
WB9668	62	61.8	14.0	28	185	49	59	53
Net CL+	62	63.3	12.7	34	187	48	56	
CP3530	57	61.5	13.0	36	188			
AP Renegade	56	61.8	13.7	27	187	47	59	
<b>Experimental Lines</b>								
WA8358 CL+	67	62.7	13.1	31	188			
WA8330	67	62.9	12.5	33	185	52	65	
WA8388 CL+	66	62.3	12.1	30	186			
CPX39120	65	58.9	12.0	37	192			
WA8355	64	62.3	12.3	33	187	52		
WA8389 CL+	64	63.1	13.0	33	187			
WA8387 CL+	62	62.2	12.8	32	186			
WA8356	62	61.8	12.7	33	187	51		
WA8357	60	63.4	14.8	37	186	45		
C.V.	4	0.8	2.7	5	1	8	6	7
LSD	5	1.1	0.8	3	2	5	4	3
Average	64	61.9	12.8	34	187	50	60	55
Highest	70	63.4	14.8	44	192	54	68	58
Lowest	56	58.6	11.5	27	181	44	52	51

\*5 year average used data from 2022, 2021, 2020, 2018, and 2016.

### Agronomic Information

Planting Date:	4/25/2022
Harvest Date:	9/8/2022
Seeding Rate (seeds/ft <sup>2</sup> ):	22.5
Previous Crop:	Spring Wheat
Spring soil test:	
N (lb/ac) 4-ft sample	209
P <sub>2</sub> O <sub>5</sub> (lb/ac) 1-ft sample	108
S (lb/ac) 2-ft sample	30
pH (top 6 inches)	4.9

### Trial Notes:

1. The nursery was located approximately 5.5 miles east of Fairfield, WA.
2. The nursery was fertilized at seeding at a rate of 24N, 6P, 15K, 15S. No additional fertilizer was applied after spring soil sampling.
3. Overall yield was 73% greater and test weight was 4.1 lb/bu more than in 2021.

**Cooperator: David Degon**

**Herbicides:** Axial (16.4oz), Huskie (15oz), Miravis Ace (7oz), Tilt (2oz), and Zidua (4oz) were applied on June 7.

Nexicor (13oz) was applied on June 30.