

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

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>								
WB9303	60	59.5	15.3	32	178	59		
Jefferson	56	57.9	14.7	34	183			
Hale (WA8315)	56	57.2	14.5	35	183	60	60	
WB9668	56	57.9	16.1	28	182	60	56	50
AP Renegade	55	58.0	15.1	31	184	61	61	56
Glee	55	57.1	14.5	33	182	58	59	55
Kelse	54	57.8	15.1	34	183	58	57	53
Jefferson HF	53	56.8	15.0	34	183			
WB9623	50	55.5	15.4	32	184			
CP3099A	50	53.8	14.7	38	189			
Net CL+	49	57.5	16.0	35	186	57	56	52
Chet	47	57.4	16.2	46	185	50	50	48
Alum	45	55.1	15.3	36	185	52	50	50
CP3055	44	49.1	15.7	36	190			
CP3530	43	55.6	16.5	37	188			
<b>Experimental Lines</b>								
WA8330	58	57.5	15.1	33	182	63		
WA8355	56	59.0	14.4	34	182			
WA8356	53	56.0	16.1	33	183			
WA8358 CL+	52	58.4	14.9	32	182			
WA8387 CL+	51	57.4	14.5	34	183			
WA8357	50	59.4	16.2	40	182			
WA8388 CL+	50	58.3	15.4	31	183			
WA8389 CL+	48	57.6	15.7	33	184			
CPX39120	46	51.2	16.6	33	190			
<b>C.V.</b>	8	2.0	3.6	6	0.4	5	6	7
<b>LSD</b>	9	2.5	1.2	4	1	4	3	2
<b>Average</b>	52	56.7	15.4	34	184	58	56	52
<b>Highest</b>	60	59.5	16.6	46	190	63	61	56
<b>Lowest</b>	43	49.1	14.4	28	178	50	50	48

\*Multi-year averages do not include data from the 2021 season.

### Agronomic Information

Planting Date:	4/29/2022
Harvest Date:	9/15/2022
Seeding Rate (seeds/ft <sup>2</sup> ):	20
Previous Crop:	Winter Wheat
Spring soil test:	
N (lb/ac) 4-ft sample	94
P <sub>2</sub> O <sub>5</sub> (lb/ac) 1-ft sample	158
S (lb/ac) 2-ft sample	19
pH (top 6 inches)	6.3

### Trial Notes:

1. The nursery was located approximately 3 miles northeast of Dayton, WA.
2. The nursery was fertilized prior to seeding at a rate of 90N, 14S by the cooperator. An additional 101N was applied after spring soil sampling.
3. Overall yield was 18% less and test weight was 1.4 lb/bu less than in 2020. 2021 data not published.

**Cooperator: Justin Ingram**

**Herbicides:** Axial (16.4oz), Huskie (15oz), Miravis Ace (7oz), Tilt (2oz), and Zidua (4oz) were applied on May 23.

Nexicor (13oz) was applied on July 1.