

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)
Released Varieties								
WB9303	60	59.5	15.3	32	178			
Jefferson	56	57.9	14.7	34	183			
Hale (WA8315)	56	57.2	14.5	35	183			
WB9668	56	57.9	16.1	28	182			
AP Renegade	55	58.0	15.1	31	184			
Glee	55	57.1	14.5	33	182			
Kelse	54	57.8	15.1	34	183			
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			
Chet	47	57.4	16.2	46	185			
Alum	45	55.1	15.3	36	185			
CP3055	44	49.1	15.7	36	190			
CP3530	43	55.6	16.5	37	188			
Experimental Lines								
WA8330	58	57.5	15.1	33	182			
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			
C.V.	8	2.0	3.6	6	0.4			
LSD	9	2.5	1.2	4	1			
Average	52	56.7	15.4	34	184			
Highest	60	59.5	16.6	46	190			
Lowest	43	49.1	14.4	28	178			

Agronomic Information

Planting Date:	4/29/2022
Harvest Date:	9/15/2022
Seeding Rate (seeds/ft ²):	20
Previous Crop:	Winter Wheat
Spring soil test:	
N (lb/ac) 4-ft sample	94
P ₂ O ₅ (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.