

2022 WSU Variety Testing Hard Red Spring Wheat Trial, St. John

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>								
AP Renegade	67	60.2	14.6	28	176			
Hale (WA8315)	63	60.5	12.8	34	178			
Jefferson HF	60	60.2	13.6	32	178			
WB9623	59	58.1	13.7	34	179			
Kelse	59	61.0	13.4	34	179			
Glee	58	60.5	12.8	33	177			
CP3099A	58	56.1	12.8	41	184			
Net CL+	57	60.8	13.5	33	180			
Jefferson	56	60.2	13.9	33	178			
WB9668	56	61.3	15.1	28	176			
Alum	53	59.2	13.2	34	179			
Chet	53	60.8	13.8	46	180			
CP3530	51	59.6	14.2	37	181			
WB9303	50	62.2	15.0	30	172			
CP3055	49	54.3	13.3	36	185			
<b>Experimental Lines</b>								
WA8355	61	61.5	12.6	34	178			
WA8330	60	60.1	13.5	31	176			
WA8358 CL+	60	61.1	12.9	32	178			
WA8388 CL+	57	59.2	13.7	30	178			
WA8387 CL+	56	61.5	13.1	33	178			
WA8389 CL+	55	60.5	13.7	33	179			
CPX39120	55	52.6	14.9	41	185			
WA8356	55	60.1	13.9	31	177			
WA8357	51	62.0	14.3	36	177			
C.V.	8	1.4	3.5	4	0			
LSD	9	1.6	1.1	3	1			
Average	57	59.7	13.7	34	179			
Highest	67	62.2	15.1	46	185			
Lowest	49	52.6	12.6	28	172			

**Agronomic Information**

Planting Date:	4/7/2022
Harvest Date:	9/5/2022
Seeding Rate (seeds/ft <sup>2</sup> ):	20
Previous Crop:	Winter Wheat
Spring soil test:	
N (lb/ac) 4-ft sample	380
P <sub>2</sub> O <sub>5</sub> (lb/ac) 1-ft sample	145
S (lb/ac) 2-ft sample	43
pH (top 6 inches)	5.5

**Trial Notes:**

1. The nursery was located approximately 3 miles southeast of St. John, WA.
2. The nursery was fertilized prior to seeding at a rate of 75N, 10P, 10K by the cooperator. No additional fertilizer was applied after spring soil sampling.
3. Overall yield was 128% greater and test weight was 0.9 lb/bu less than in 2021.

**Cooperator: Rod Mills**

**Herbicides:** Axial (16.4oz), Huskie (15oz), Miravis Ace (7oz), Tilt (2oz), and Zidua (4oz) were applied on May 20.  
Nexicor (13oz) was applied on June 27.