

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

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>								
CP3099A	89	59.2	13.0	45	--			
Hale (WA8315)	88	61.8	13.5	41	--	66	68	
AP Renegade	87	61.6	14.7	33	--	64	63	70
WB9303	87	63.3	14.5	34	--	60	60	
WB9668	83	61.1	15.4	32	--	60	60	63
CP3055	78	59.1	13.6	43	--			
Chet	77	62.8	14.2	53	--	60	63	68
WB9623	77	58.2	14.5	37	--			
Glee	75	59.9	13.5	37	--	57	58	68
Net CL+	75	62.2	14.0	39	--	59	60	68
Kelse	70	59.3	14.7	38	--	53	53	59
Alum	70	59.8	13.6	40	--	56	56	65
Jefferson	66	59.1	13.2	38	--			
Jefferson HF	63	58.8	13.3	38	--			
CP3530	54	58.3	13.7	43	--			
<b>Experimental Lines</b>								
WA8355	85	62.2	13.5	38	--	64		
WA8358 CL+	83	62.0	14.3	38	--			
WA8389 CL+	83	61.1	14.2	38	--			
CPX39120	79	57.4	14.6	44	--			
WA8357	79	64.3	14.8	42	--	58		
WA8330	78	60.2	13.9	34	--	59	60	
WA8387 CL+	78	61.4	13.4	37	--			
WA8388 CL+	73	59.8	14.2	34	--			
WA8356	71	59.7	14.2	34	--	56		
<b>C.V.</b>	5	0.9	1.8	3	--	8	9	9
<b>LSD</b>	7	1.3	0.6	2	--	6	5	4
<b>Average</b>	77	60.5	14.0	39	--	59	60	66
<b>Highest</b>	89	64.3	15.4	53	--	66	68	70
<b>Lowest</b>	54	57.4	13.0	32	--	53	53	59

### Agronomic Information

Planting Date:	4/8/2022
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	118
P <sub>2</sub> O <sub>5</sub> (lb/ac) 1-ft sample	216
S (lb/ac) 2-ft sample	26
pH (top 6 inches)	5.7

**Herbicides:** Huskie, Dagger, Axial Bold, and Tilt were applied on June 1.

### Trial Notes:

1. The nursery was located approximately 7 miles northwest of Palouse, WA.
2. The nursery was fertilized prior to seeding at a rate of 100N, 12P, 15S by the cooperator. An additional 202N was applied after spring soil sampling.
3. Overall yield was 93% greater and test weight was 3.8 lb/bu more than in 2021.

**Cooperator: David Lange**