

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)
Released Varieties								
AP Renegade	67	60.2	14.6	28	176	42	52	62
Hale (WA8315)	63	60.5	12.8	34	178	45	53	
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	42	51	58
Glee	58	60.5	12.8	33	177	43	55	61
CP3099A	58	56.1	12.8	41	184			
Net CL+	57	60.8	13.5	33	180	42	52	60
Jefferson	56	60.2	13.9	33	178			
WB9668	56	61.3	15.1	28	176	38	48	54
Alum	53	59.2	13.2	34	179	41	47	60
Chet	53	60.8	13.8	46	180	37	45	55
CP3530	51	59.6	14.2	37	181			
WB9303	50	62.2	15.0	30	172	34	46	
CP3055	49	54.3	13.3	36	185			
Experimental Lines								
WA8355	61	61.5	12.6	34	178	44		
WA8330	60	60.1	13.5	31	176	43	53	
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	42		
WA8357	51	62.0	14.3	36	177	40		
C.V.	8	1.4	3.5	4	0	10	12	9
LSD	9	1.6	1.1	3	1	5	6	4
Average	57	59.7	13.7	34	179	41	50	58
Highest	67	62.2	15.1	46	185	45	55	62
Lowest	49	52.6	12.6	28	172	34	45	54

Agronomic Information

Planting Date:	4/7/2022
Harvest Date:	9/5/2022
Seeding Rate (seeds/ft ²):	20
Previous Crop:	Winter Wheat
Spring soil test:	
N (lb/ac) 4-ft sample	380
P ₂ O ₅ (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.