

2022 WSU Variety Testing Hard Red Spring Wheat Trial, Endicott

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								
Jefferson	64	61.3	13.4	36	167			
Jefferson HF	61	61.5	12.9	36	169			
CP3055	59	59.8	12.8	36	172			
Alum	58	63.8	11.7	36	169	39	48	49
Kelse	57	62.0	13.1	38	170	39	51	46
Net CL+	57	63.7	12.7	36	171	36	48	48
WB9623	57	63.1	14.1	34	170			
Hale (WA8315)	56	62.8	12.9	35	167	40	52	
Glee	56	62.9	12.6	36	165	37	52	48
AP Renegade	55	62.2	13.9	29	167	35	53	49
CP3099A	52	61.9	12.1	35	172			
Chet	51	63.9	13.8	44	169	35	48	45
WB9303	51	61.8	14.2	34	164	33	41	
CP3530	48	61.6	13.4	38	171			
WB9668	48	62.7	15.1	29	166	31	43	38
Experimental Lines								
WA8330	63	63.5	13.2	35	165	43	56	
WA8388 CL+	58	62.2	12.9	33	168			
WA8389 CL+	56	63.5	12.9	34	171			
CPX39120	56	57.6	12.4	36	172			
WA8356	56	61.6	12.9	35	167	36		
WA8355	53	63.3	12.4	36	169	40		
WA8387 CL+	53	63.1	13.0	34	168			
WA8358 CL+	52	62.5	12.7	34	168			
WA8357	50	65.3	14.0	39	168	31		
C.V.	10	2.0	6.1	4	0	13	13	13
LSD	11	2.5	1.6	3	2	6	6	4
Average	55	62.4	13.1	35	168	37	49	46
Highest	64	65.3	15.1	44	172	43	56	49
Lowest	48	57.6	11.7	29	164	31	41	38

* 5 year average used data for 2022, 2021, 2020, 2018, and 2017.

Agronomic Information

Planting Date:	3/29/2022
Harvest Date:	9/5/2022
Seeding Rate (seeds/ft ²):	20
Previous Crop:	Winter Wheat
Spring soil test:	
N (lb/ac) 4-ft sample	135
P ₂ O ₅ (lb/ac) 1-ft sample	191
S (lb/ac) 2-ft sample	43
pH (top 6 inches)	6.3

Trial Notes:

1. The nursery was located approximately 3.5 miles southwest of Endicott, WA.
2. The nursery was fertilized at seeding at a rate of 19N, 5P, 12K, 12S. An additional 38N was applied after spring soil sampling.
3. Overall yield was 190% greater and test weight was 3.3 lb/bu more than in 2021.

Cooperator: Monty Miller

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