

2023 WSU Variety Testing Hard Red Spring Wheat Trial, Dayton

Variety Name <i>Hard White Italicized</i>	2023					2 Year	3 Year*	4 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								
CP3119A	45	54.5	12.4	26	--			
Hale	45	61.1	13.6	26	--	43	52	55
Net CL+	44	62.1	13.0	26	--	41	48	51
CP3322	44	58.5	12.6	26	--			
CP3055	43	54.6	12.5	24	--	41		
Alum	43	60.9	13.2	25	--	36	44	49
Kelse	43	61.0	13.8	27	--	38	48	49
WB9623	43	60.3	13.0	25	--	42		
Glee	39	60.9	13.4	25	--	41	50	51
Chet	39	61.6	13.8	28	--	36	45	47
AP Renegade	38	59.3	14.3	24	--	43	50	54
WB9668	36	61.2	15.4	24	--	41	46	46
WB9303	33	61.2	14.7	23	--	31	39	
CP3530	33	59.2	13.7	26	--	34		
Experimental Lines								
MT1809	47	59.4	13.3	25	--			
MT1939	47	60.4	12.6	26	--			
WA8358 CL+	44	61.5	13.5	24	--	39		
IDO2105S	44	60.9	12.8	25	--			
WA8387 CL+	44	61.9	12.8	25	--	42		
WA8342R	42	60.3	13.0	24	--			
WA8412	40	61.0	13.8	25	--			
WA8356	39	60.8	13.9	27	--	37		
WA8411	38	61.0	13.4	24	--			
IDO2202 CL2+	36	61.0	13.0	25	--			
C.V.	4	0.6	1.8	5	--	12	9	10
LSD	2	0.5	0.3	2	--	5	3	3
Average	41	60.2	13.4	25	--	39	47	50
Highest	47	62.1	15.4	28	--	43	52	55
Lowest	33	54.5	12.4	23	--	31	39	46

*2023, 2022, 2020, and 2019 used in multi-year analyses.

Agronomic Information

Planting Date:	5/1/2023
Harvest Date:	8/28/2023
Seeding Rate (seeds/ac):	870,000
Previous Crop:	Winter Wheat
Spring soil test:	
N (lb/ac) 4-ft sample	86
P ₂ O ₅ (lb/ac) 1-ft sample	208
S (lb/ac) 2-ft sample	18
pH (top 6 inches)	5.0

Trial Notes:

1. The nursery was located approximately 2.5 miles north of Dayton, WA.
2. The nursery was fertilized at seeding at a rate of 16N, 40P, 19K, 10S, and 15Cl. An additional 123N was applied on May 4, 2023.
3. Yield was 21% lower and test weight was 3.5 lb/bu more compared to 2022.

Cooperator: Justin Ingram

Herbicides: Axial (15oz), Huskie (15oz), Miravis Ace (7oz), and Tilt (2oz) were applied on May 23, 2023.