

2023 WSU Variety Testing Hard Red Spring Wheat Trial, Farmington

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								
Glee	59	61.0	10.8	31	179	74	63	65
CP3055	59	56.4	11.2	30	189	76		
Hale	58	61.3	11.0	31	180	77	64	64
Kelse	58	59.9	12.0	30	180	70	59	61
CP3322	58	60.5	10.4	28	189			
WB9623	57	58.3	11.2	31	181	76		
Chet	55	59.7	11.3	40	181	72	61	61
Alum	54	59.4	10.9	30	182	72	60	58
Net CL+	52	62.3	11.6	31	182	70	61	60
CP3119A	51	53.8	12.1	30	190			
WB9303	51	59.2	12.6	30	178	72	60	
WB9668	48	58.7	12.6	25	178	68	57	57
CP3530	45	59.4	11.5	30	183	64		
AP Renegade	37	58.0	13.5	24	185	60	52	56
Experimental Lines								
IDO2105S	68	59.7	10.7	31	178			
IDO2202 CL2+	60	58.9	10.8	30	178			
WA8411	60	58.9	11.4	31	177			
MT1809	58	57.0	11.3	30	182			
MT1939	57	59.1	11.6	28	179			
WA8356	57	60.5	11.1	30	179	71	62	
WA8412	57	60.2	12.0	31	180			
WA8387 CL+	56	60.9	11.4	29	180	72		
WA8342R	55	59.7	11.5	27	181			
WA8358 CL+	55	58.5	10.8	29	182	71		
C.V.	7	2.2	4.4	6	0.4	7	8	9
LSD	6	1.8	0.7	2	1	5	4	4
Average	55	59.2	11.5	29	181	71	60	60
Highest	68	62.3	13.5	40	190	77	64	65
Lowest	37	53.8	10.4	24	177	60	52	56

Agronomic Information

Planting Date:	5/11/2023
Harvest Date:	9/11/2023
Seeding Rate (seeds/ac):	980,000
Previous Crop:	Winter Wheat
Spring soil test:	
N (lb/ac) 4-ft sample	161
P ₂ O ₅ (lb/ac) 1-ft sample	191
S (lb/ac) 2-ft sample	35
pH (top 6 inches)	5.3

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

Trial Notes:

1. The nursery was located approximately 4 miles north of Palouse, WA.
2. The nursery was fertilized prior to seeding at a rate of 90N, 20S. An additional 60N, 40P, 19K, 10S, 15Cl was applied on May 16, 2023.
3. Yield was 38% lower and test weight was 2.3 lb/bu lower compared to 2022.

*2023, 2022, 2021, 2019 used in multi-year analyses.

Cooperator: Andrew Nelson