

2023 WSU Variety Testing Hard Red Spring Wheat Trial, Palouse

Variety Name	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								
Hale	50	58.2	12.7	--	173	71	62	64
WB9623	48	55.5	13.5	--	176	61		
Glee	47	57.2	12.8	--	174	61	54	56
WB9303	45	59.4	13.7	--	169	66	55	56
WB9668	45	56.9	14.1	--	171	62	54	55
Kelse	44	55.5	14.0	--	175	55	49	50
Net CL+	41	56.6	12.7	--	177	60	54	57
CP3055	40	49.1	13.2	--	180	59		
Chet	40	57.4	13.5	--	176	62	55	58
CP3322	39	52.2	13.5	--	179			
Alum	39	54.5	12.9	--	176	56	51	53
CP3119A	37	49.8	13.4	--	185			
AP Renegade	36	54.3	13.6	--	179	59	53	55
CP3530	36	55.7	13.1	--	177	43		
Experimental Lines								
WA8412	48	57.1	12.8	--	172			
IDO2105S	46	55.5	12.5	--	172			
WA8358 CL+	46	57.1	12.9	--	174	65		
MT1809	46	54.0	12.2	--	176			
WA8387 CL+	46	58.1	12.3	--	173	64		
MT1939	45	56.3	11.9	--	175			
IDO2202 CL2+	45	57.1	12.1	--	171			
WA8356	45	57.7	12.7	--	173	60	54	
WA8411	43	58.1	12.0	--	169			
WA8342R	40	55.8	12.9	--	176			
C.V.	6	1.7	5.2	--	0.4	10	11	10
LSD	3	1.3	0.9	--	1	6	5	4
Average	43	55.8	13.0	--	175	60	54	56
Highest	50	59.4	14.1	--	185	71	62	64
Lowest	36	49.1	11.9	--	169	43	49	50

Agronomic Information

Planting Date:	5/3/2023
Harvest Date:	9/6/2023
Seeding Rate (seeds/ac):	980,000
Previous Crop:	Winter Wheat
Spring soil test:	
N (lb/ac) 4-ft sample	151
P ₂ O ₅ (lb/ac) 1-ft sample	129
S (lb/ac) 2-ft sample	23
pH (top 6 inches)	5.2

Herbicides: Huskie, Dagger, Express, and Axial Bold were applied.

Trial Notes:

1. The nursery was located approximately 9.5 miles northeast of Colfax, WA.
2. The nursery was fertilized prior to seeding at a rate of 85N, 20P, 20S. An additional 44N was applied on May 16, 2023.
3. Harvest was significantly delayed due to multiple rain events which reduced test weight. Yield was 44% lower and test weight was 4.7 lb/bu less compared to 2022.

Cooperator: David Lange