

2023 WSU Variety Testing Hard Red Spring Wheat Trial, Plaza

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)
<i>Released Varieties</i>								
CP3055	66	57.2	13.6	29	176	62		
Hale	64	61.6	14.4	31	171	63	51	62
Net CL+	60	60.7	15.0	30	173	61	50	56
Chet	60	61.6	14.8	39	172	62	50	54
WB9623	60	58.8	14.8	30	174	63		
Kelse	59	60.9	14.7	32	172	61	47	52
CP3119A	59	55.7	14.4	31	179			
Glee	58	62.1	14.4	30	172	59	49	57
WB9668	56	61.2	16.1	26	170	51	41	51
WB9303	56	62.1	15.5	28	168	52	38	48
Alum	56	60.4	14.7	31	174	60	49	55
CP3322	55	60.0	13.9	28	177			
AP Renegade	50	59.1	15.6	26	177	55	44	54
CP3530	48	59.8	15.1	31	173	53		
<i>Experimental Lines</i>								
WA8358 CL+	72	61.4	14.2	31	171	64		
WA8387 CL+	69	61.2	14.2	31	171	66		
MT1939	66	59.9	14.2	30	171			
WA8412	62	61.2	15.6	30	170			
WA8342R	62	59.9	14.3	27	174			
WA8411	62	61.2	14.8	30	169			
WA8356	61	61.0	14.8	28	170	56	50	
IDO2105S	60	60.4	13.8	28	170			
IDO2202 CL2+	59	61.6	13.9	29	169			
MT1809	59	59.3	14.6	28	172			
C.V.	8	1.3	3.3	4	1	10	13	13
LSD	6	1.0	0.7	2	2	6	5	5
Average	60	60.3	14.7	30	172	59	47	54
Highest	72	62.1	16.1	39	179	66	51	62
Lowest	48	55.7	13.6	26	168	51	38	48

Agronomic Information

Planting Date:	4/27/2023
Harvest Date:	8/18/2023
Seeding Rate (seeds/ac):	870,000
Previous Crop:	Winter Wheat
Spring soil test:	
N (lb/ac) 4-ft sample	145
P ₂ O ₅ (lb/ac) 1-ft sample	237
S (lb/ac) 2-ft sample	45
pH (top 6 inches)	5.4

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

Trial Notes:

1. The nursery was located approximately 3.5 miles northeast of Rosalia, WA.
2. The nursery was fertilized prior to seeding at a rate of 80N, 30P, 20S. An additional 44N was applied on May 16, 2023.
3. Significant wild oat pressure in trial. Yield was the same and test weight was 1.7 lb/bu lower compared to 2022.

Cooperator: Joe Schmitz