

## 2023 WSU Variety Testing Hard Red Spring Wheat Trial, Pullman

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>								
Net CL+	59	63.1	12.6	32	164	63	54	65
Hale	59	62.3	12.4	32	162	75	65	73
Alum	59	62.9	12.3	29	163	62	54	63
WB9623	56	62.1	11.5	29	163	66		
CP3322	55	60.8	11.2	28	169			
CP3055	55	57.2	12.0	31	169	62		
Kelse	53	61.6	12.9	30	162	59	51	60
WB9668	50	62.7	13.5	25	161	68	57	65
CP3119A	49	55.5	11.6	33	169			
CP3530	49	61.2	13.0	31	166	57		
Glee	49	62.4	12.4	32	161	64	55	65
WB9303	48	62.5	13.3	30	160	69	57	68
Chet	47	62.2	13.4	37	163	57	50	60
AP Renegade	46	61.4	13.0	29	168	64	54	64
<i>Experimental Lines</i>								
IDO2105S	58	61.9	12.0	28	160			
WA8387 CL+	57	63.1	12.0	30	162	69		
WA8358 CL+	56	62.4	13.4	30	163	73		
WA8411	54	62.8	12.5	29	159			
WA8356	54	61.7	12.2	27	161	66	57	
WA8342R	53	62.3	11.6	29	163			
MT1939	52	61.1	11.9	29	163			
WA8412	52	61.3	13.0	30	161			
MT1809	51	61.1	12.7	30	164			
IDO2202 CL2+	49	61.9	11.6	28	161			
C.V.	6	1.1	3.6	5	1	11	11	9
LSD	4	0.9	0.6	2	1	7	5	4
Average	53	61.6	12.4	30	163	65	55	65
Highest	59	63.1	13.5	37	169	75	65	73
Lowest	46	55.5	11.2	25	159	57	50	60

### Agronomic Information

Planting Date:	4/26/2023
Harvest Date:	8/18/2023
Seeding Rate (seeds/ac):	980,000
Previous Crop:	Chickpea
Spring soil test:	
N (lb/ac) 4-ft sample	110
P <sub>2</sub> O <sub>5</sub> (lb/ac) 1-ft sample	275
S (lb/ac) 2-ft sample	24
pH (top 6 inches)	5.2

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

### Trial Notes:

1. The nursery was located approximately 3 miles southeast of Pullman, WA.
2. The nursery was fertilized prior to seeding at a rate of 160N, 12P, 17S, 2Zn. An additional 44N was applied on May 16, 2023.
3. Yield was 31% lower and test weight was 1.8 lb/bu more compared to 2022.

Cooperator: Frank Ankerson