

2023 WSU Variety Testing Hard Red Spring Wheat Trial, Pasco

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	Lodging (%)	Average (Bu/A)	Average (Bu/A)	Average (Bu/A)
Released Varieties									
<i>Dayn</i>	133	64.2	13.2	37	147	3			
AP Venom	120	61.9	12.8	38	150	0	119	124	128
WB9636	113	62.8	14.2	36	149	0			
AP Renegade	113	63.5	14.5	36	150	0	112	110	120
WB9662	112	63.4	14.5	34	150	0	115	115	121
CP3119A	112	59.3	12.3	39	156	3	110		
CP3322	109	62.5	12.8	37	154	0			
WB9668	106	63.6	14.5	31	149	13	108	112	119
CP3055	105	59.4	13.2	38	156	57			
CP3530	104	63.1	14.6	37	152	7			
Experimental Lines									
WA8373	124	64.5	12.5	34	148	0			
WA8372	120	65.0	13.7	39	149	0			
WA8374	119	63.6	13.2	36	150	3			
WA8342R	118	63.1	13.1	39	150	0	119		
IDO2105S	113	63.1	13.7	35	150	73			
IDO2202 CL2+	113	64.3	13.3	39	149	0			
WA8376	111	63.5	13.1	35	148	0			
WA8358 CL+	110	63.5	15.2	38	148	30			
WA8387 CL+	105	63.8	13.6	38	149	27			
WA8414	102	64.6	14.9	33	148	37			
WA8413	97	64.3	15.1	38	147	53			
WA8411	94	62.3	14.8	37	146	83			
WA8356	93	62.0	15.3	34	149	67	107		
WA8412	90	63.0	15.1	38	147	73			
C.V.	6	0.6	2.0	7	0.5	58	4	8	7
LSD	9	0.5	0.4	3	1	18	5	9	7
Average	110	63.1	13.9	37	150	22	113	115	122
Highest	133	65.0	15.3	39	156	83	119	124	128
Lowest	90	59.3	12.3	31	146	0	108	110	119

Agronomic Information

Planting Date:	3/16/2023
Harvest Date:	7/24/2023
Seeding Rate (seeds/ac):	1,090,000
Previous Crop:	Potatoes
Spring soil test:	
N (lb/ac) 4-ft sample	261
P ₂ O ₅ (lb/ac) 1-ft sample	258
S (lb/ac) 2-ft sample	68
pH (top 6 inches)	7.3

Herbicides: All herbicides were applied by the cooperator.

Trial Notes:

1. The nursery was located approximately 4 miles northwest of Basin City, WA.
2. The nursery was fertilized prior to seeding at a rate of 150N, 60P, 60K, 30S. All additional fertilizer was applied via fertigation.
3. Yield was 5% lower and test weight was 3.2 lb/bu more compared to 2021. 2022 data not published.

*2023, 2021, 2020, 2019 used in multi-year analyses.

Cooperator: Steve Cooper