

2022 WSU Variety Testing Fall Planted Hard Red Spring Wheat Trial, Moses Lake

Variety Name <i>Hard White Italicized</i>	2022						2 Year	3 Year	5 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>	166	60.7	13.4	41	144	0	149		
SY Gunsight	156	57.5	12.7	36	150	0	144		
AP Venom	155	57.3	13.2	40	145	0	145		
WB4303 (HRW Check)	153	58.4	12.3	39	148	0	145		
Kelse	143	60.3	14.6	45	149	17	130		
AP Renegade	136	59.3	14.0	37	146	0	141		
WB9662	135	59.8	13.8	37	145	0	130		
WB9668	128	61.4	14.4	35	145	0	116		
Jefferson HF	115	60.5	13.3	44	147	63			
Experimental Lines									
WA8373	156	61.2	12.8	42	145	0			
WA8374	143	59.6	13.3	36	144	0			
WA8372	142	61.7	13.4	40	144	0			
WA8356	138	59.6	13.6	39	144	47			
WA8342	137	59.7	13.0	37	145	0	129		
WA8375	135	58.5	13.2	36	144	0			
WA8359	129	58.5	13.1	38	146	0			
WA8376	128	59.2	13.5	35	145	0			
IDO2105S	121	60.0	13.2	37	143	30			
C.V.	10	1.1	1.9	3	1	171	8		
LSD	32	1.4	0.6	3	2	26	14		
Average	134	59.6	13.4	39	145	9	137		
Highest	166	61.7	14.6	45	150	63	149		
Lowest	115	57.3	12.3	35	143	0	116		

Agronomic Information

Planting Date: 10/21/2021
Harvest Date: 8/18/2022
Seeding Rate (seeds/ft²): 23.75
Previous Crop: Potatoes
Spring soil test:

N (lb/ac) 4-ft sample 656
P₂O₅ (lb/ac) 1-ft sample 192
S (lb/ac) 2-ft sample 202
pH (top 6 inches) 5.9

Trial Notes:

1. The nursery was located approximately 11.5 miles southeast of Moses Lake, Wa.
2. The nursery was fertilized prior to seeding by the cooperator. All topdressed N was applied via fertigation.
3. Overall yield was 4% greater and test weight was 0.9 lb/bu less than in 2021.

Cooperator: Dennis Treat

Herbicides: Huskie (15oz), Miravis Ace (7oz), and Tilt (2oz) were applied on May 1.