

2023 Wheat Dual-Purpose Variety Trial- Wilbarger (Dryland)

Rank [†]	Variety	Source	Forage Yield (DM lbs/ac)			Dual- Purpose Grain (bu/ac)			Grain Only (bu/ac)		Height (in)	TW (lbs/bu)
			3YR	2 YR	2023 [‡]	3YR	2YR	2023	2YR	2023	2023	2023
1	Green Hammer	OSU	2868	2412	2440	50	52	52	54	39	33	53
2	WB4792	Westbred	2510	2311	2138	57	53	34	58	44	27	48
3	WB4595	Westbred	2499	2481	2240	62	62	56	61	32	28	53
4	TAM 115	Watley Seeds	2008	1347	2251	52	51	38	47	32	28	50
5	TAM 205	Adaptive Genetics		2318	2503		46	30	42	23	28	50
6	OK Corral*	OSU		2399	2007		26	.
7	Smith's Gold	OSU			3292			40		32	28	49
8	WB4632	Westbred			2599			40		23	23	51
9	Bob Dole	AgriPro			2537			43		36	34	53
10	High Cotton (OK18510)	OSU			2302			43		31	26	51
11	Strad CL Plus	OSU			2223			34		27	29	50
12	WB4422	Westbred			2092			49		41	29	51
	<i>P</i> 0.05		NS	0.013	NS	NS	NS	NS	NS	NS	-	NS
	Mean		2471	2211	2385	55	53	42	53	33	28	50.7

*Awnless/Beardless Variety

[†]Varieties ranked by 3-Year, 2-Year, then 2023 forage yields.

[‡]Forage was clipped on 1/23/2023 and 3/1/2023.

Highlighted values are significantly the same as the highest values at $p < 0.05$.

Bold value is the highest value within a year.

No rusts were observed in 2023.

Awnless variety was damaged by wild hogs. Grain yields are not reported.

Note: Although there were two forage clippings (January and March) in dual-purpose system in 2023, average grain yields were greater in the dual-purpose system as compared to the grain-only system. The reason for the yield difference may be due to the better ground in the dual-purpose system than the grain-only system. In addition, the March cutting did not affect the developing grain head above the first hollow stem. Low test weight may have been caused by summer drought, late harvest, and prolonged wet conditions.

Picks list for 2023-2024 dual-purpose variety includes Green Hammer, WB4595, WB4792, and TAM 205.