

Summary of 2013 Wyoming On-Farm Trials Hard Red Winter Wheat

Variety	Location															
	LaGrange			Chugwater			Albin			Burns			Average for Variety			\$7.01 wheat
	Yield	TWT	Protein	Yield	TWT	Protein	Yield	TWT	Protein	Yield	TWT	Protein	Yield	TWT	Protein	\$/Acre*
Cowboy	30.0	61.5	10.8%	40.6	61.4	11.0%	29.3	59.0	13.1%	19.0	55.8	16.3%	29.7	59.4	12.8%	208.19
Byrd	22.1	60.5	11.9%	46.5	61.1	11.5%	26.9	59.7	13.2%	18.0	54.9	15.4%	28.4	59.1	13.0%	198.72
Settler CL	22.2	60.3	12.0%	40.6	60.4	11.2%	27.4	58.7	13.4%	20.3	54.8	15.8%	27.6	58.6	13.1%	194.13
Buckskin	18.2	61.1	13.1%	36.5	60.1	14.0%	29.0	59.8	12.6%	17.6	55.3	16.8%	25.3	59.1	14.1%	178.38
Goodstreak	19.8	61.3	12.5%	33.1	60.2	14.2%	20.5	59.9	13.0%	21.3	56.4	16.2%	23.7	59.5	14.0%	166.86
Judee	21.7	61.5	13.3%	26.6	60.4	14.8%	23.5	59.5	15.0%	15.9	55.8	17.0%	21.9	59.3	15.0%	154.52
Avg at site	22.3	61.0	12.3%	37.3	60.6	12.8%	26.1	59.4	13.4%	18.7	55.5	16.3%	26.1	59.1	13.7%	183.47

*Price adjusted for twt and protein

Plots varied from 1.76 to 2.12 acres, weighed in field with weigh cart.

Bushel weight and protein were determined by commercial elevator, Pine Bluffs Feed and Grain

Yield is in bushel per acre

TWT is pounds per bushel

Location notes

LaGrange Tillage, conventional (moldboard, sweeps, rod weeder); fertilizer applied, none; planting date September 15, 2012
Sawfly pressure noted in all varieties except Judee
Soils: Dunday and Vetal loamy fine sands, 100%

Chugwater Tillage, limited till (blade plow one trip, 2 herbicide applications); fertilizer applied, 50 lbs 11-52-0 at planting; planting date September 15, 2012
Soils: Reclsue-Graystone very fine sandy loams, 46%; Keeline-Turnercrest fine sandy loams, 25%; Graystone-Mainter fine sandy loams, 29%

Albin Tillage, no-till; fertilizer applied 40 lbs 11-52-0 at planting, 40 lbs 46-0-0 spring; Buckskin planted September 1, 2012, all other varieties planted September 17, 2012
Severe sawfly pressure noted on Byrd and Goodstreak
Soils: Altvan loam, 65%; Albinas loam, 27%; Ascalon loam, 7%

Burns Tillage, no-till; fertilizer applied 40 units N at planting, planting date September 17, 2012
Soils: Altvan loam, 43%; Ascalon loam, 40%; Wages loam, 8%; Albinas loam 8%; Altvan-Dix complex, 1%