Table 9 Means of yield components, for alternative summer fallow replacement treatments at two sites in north-Central Montana

Yield Component	Control, *Alternative* Treatment	Site† Box Elder		Site† Sunburst	
Grain Yield (Mg ha^{-1})					
	LGM	4.43	a*	NA‡	–
	Hayed	*4.01*	*b*	*NA*	–
	Grazed Fallow	NA	–	*4.80*	a
	Grazed LGM	*NA*	–	4.24	*b*
	Fallow	NA	–	4.16	a
	Seed Peas	*NA*	–	*3.96*	*a*
Grain Protein (g kg^{-1})					
	LGM	123	a	NA	–
	Hayed	*118*	*a*	*NA*	–
	Grazed Fallow	NA	–	*131*	*a*
	Grazed LGM	*NA*	–	*111*	*b*
	Fallow	NA	–	131	a
	Seed Peas	*NA*	–	*120*	*a*
Grain N Yield (kg ha^{-1})					
	LGM	84	a	NA	–
	Hayed	*73*	*b*	*NA*	–
	Grazed Fallow	NA	–	*97*	*a*
	Grazed LGM	*NA*	–	*72*	*b*
	Fallow	NA	–	84	a
	Seed Peas	*NA*	–	*74*	*a*
Grain Density (kg m^{-3})					
	LGM	788	a	NA	–
	Hayed	*779*	*b*	*NA*	–
	Grazed Fallow	NA	–	*785*	*b*
	Grazed LGM	*NA*	–	*795*	*a*
	Fallow	NA	–	789	a
	Seed Peas	*NA*	–	*798*	*a*

* Differences determined by paired t-tests considered significant at $P \leq 0.10$. Treatment means followed by the same letter do not singnificantly differ.

† Box Elder grew winter wheat, Sunburst grew spring wheat.

‡ NA = Not applicable (treatment not present at site), nd = not determined.