

Supplementary Material

Supplementary Table S1

Table S1 Analysis of interaction effects between soil exchangeable Mg and MgO rates for yield improvement

Source of Variation	SS	df	MS	F	P
S ₁ (Soil ex-Mg)	1650.60	2	825.30	6.246	0.002**
S ₂ (MgO rates)	2.25	2	1.12	0.009	0.992
Interaction (S ₁ *S ₂)	574.67	4	143.67	1.087	0.362
Error	58142.76	440	132.14		
Total	89390.16	449			

Soil ex-Mg, soil exchangeable magnesium concentration; MgO rate, the amount of MgO in applied magnesium fertilizer. **, significance at $P < 0.01$