

## Supplementary Table S2

**Table S2** Analysis of interaction effects between soil pH and soil ex-Mg for yield improvement

Source of Variation	SS	df	MS	F	<i>P</i>
S <sub>2</sub> (Soil ex-Mg)	844.89	2	422.45	2.915	0.050*
S <sub>1</sub> (Soil pH)	444.85	2	222.43	1.535	0.217
Interaction (S <sub>1</sub> *S <sub>2</sub> )	144.13	3	48.04	0.332	0.803
Error	54489.91	376	144.92		
Total	83838.56	384			

Soil ex-Mg: soil exchangeable Mg concentration. \*, significance at  $P < 0.05$