

**Table S1.** Heavy metals concentrations in organic fertilizer and chemical fertilizers.

Samples	Concentrations of heavy metals (mg kg <sup>-1</sup> )						
	Zn	Cu	Ni	Cd	Pb	As	Cr
Organic fertilizer	284.50	26.38	25.2	0.67	26.9	13.68	21.72
Urea	0.05	0.06	0.46	0.05	0.06	0.03	0.52
superphosphate	0.45	0.20	21.7	0.21	12.4	15	12.1
potassium sulfate	0.21	0.05	0.38	0.02	0.72	0.22	1.25

### **Figure caption**

**Figure S1.** Effect of organic fertilizer substitution on soil organic matter. Values are means of triplicate samples and are not significantly different at  $P < 0.05$  when followed by the same lowercase letters.

**Figure S1**

