



**Figure S1.** Adsorbed phosphate amount as a function of experimental duration for fine earth and soil aggregates.

**Table S1.** Some chemical characteristics of the experimental field.

Soil horizon		Al (g/kg)	Fe (g/kg)	Ca (g/kg)
<b>Fine soil</b>	Topsoil	9.85 ± 0.29	11.03 ± 0.02	3.10 ± 0.004
	Subsoil	8.78 ± 0.55	10.69 ± 0.20	2.76 ± 0.009
<b>Aggregates</b>	Topsoil	9.92 ± 0.84	11.52 ± 0.28	2.93 ± 0.07
	Subsoil	9.26 ± 0.27	11.49 ± 0.03	2.70 ± 0.03