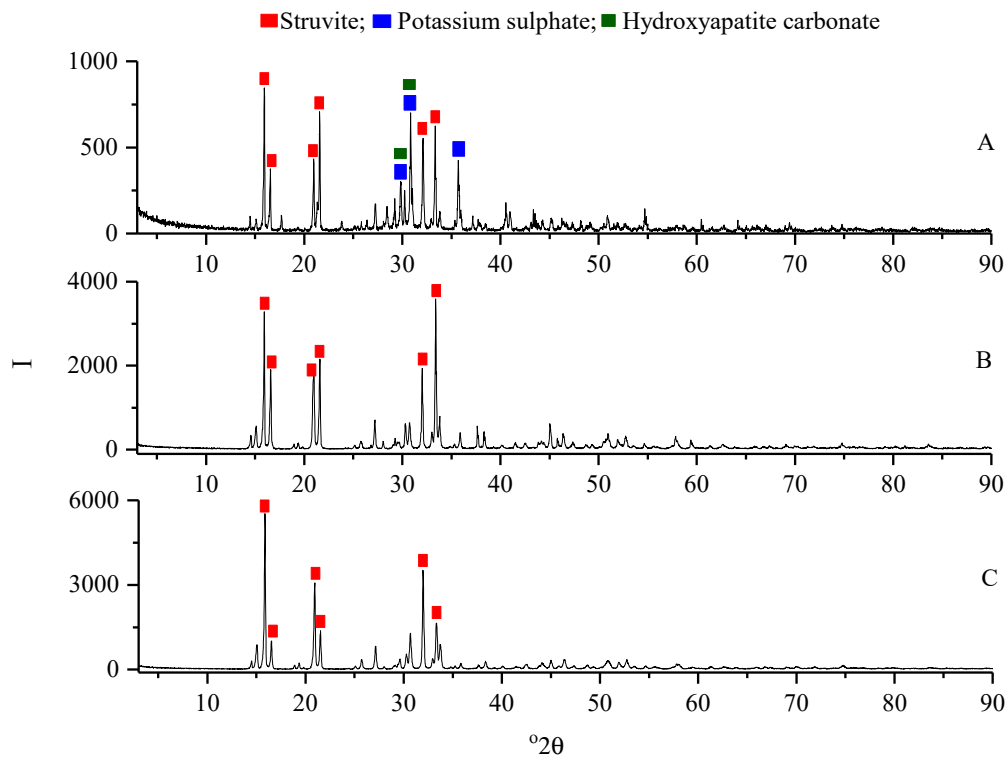
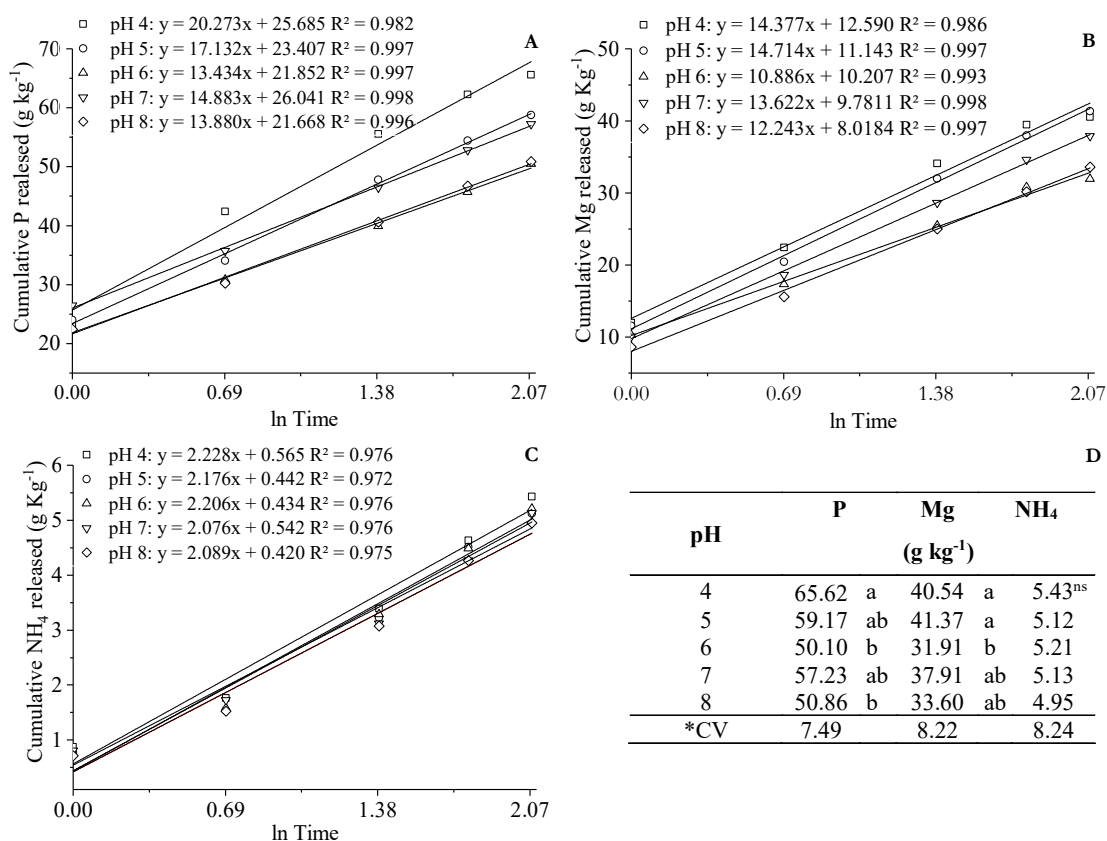


Supplemental material



Supplementary Figure S1. Diffractograms with identification of the mineralogical composition of the samples: A: Struvite precipitated in laboratory from excreta of poultry (PS), B: struvite naturally formed in sewage treatment pipelines of a swine farm (NS) and C: commercial struvite[®] (CG).



Supplementary Figure S2. Cumulative release kinetics: A; phosphorus (P), B; magnesium (Mg), C; ammonium (NH₄) and D; solubilized content of P, Mg and NH₄, obtained by the solubilisation of precipitated struvite (PS) in distinct pH solution values during a period of 8 hours. *Coefficient of variation. Treatments with the same letters do not differ statistically by the Tukey test at 5%, ns: no statistically significant difference