

Figure captions

Fig 1. Changes in leachates EC (a) and (b) pH in control and amended soils with 1%, 3% and 5% of sewage sludge and poultry manure.

Fig 2. Breakthrough curves and cumulative (a) $\text{NH}_4\text{-N}$ and (b) $\text{NO}_3\text{-N}$ leached in control and amended soils with 1%, 3% and 5% of sewage sludge and poultry manure

Fig 3. Breakthrough curves and cumulative (a) Na and (b) K leached in control and amended soils with 1%, 3% and 5% of sewage sludge and poultry manure.

Fig 4. Breakthrough curves and cumulative (a) Ca and (b) Mg leached in control and amended soils with 1%, 3% and 5% of sewage sludge and poultry manure.

Fig 5. Measured and simulated breakthrough curves of $\text{NH}_4\text{-N}$ in control soil and amended soils.

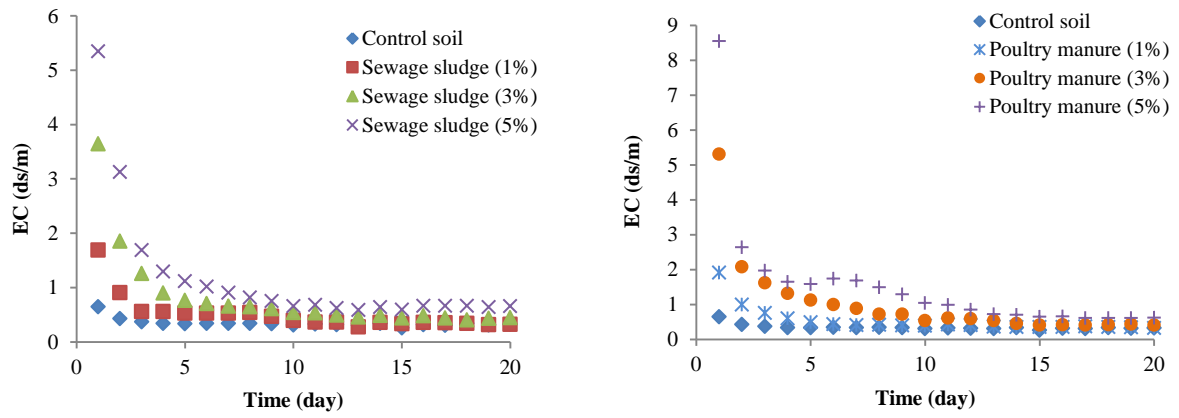
Fig 6. Measured and simulated breakthrough curves of Na in control soil and amended soils.

Fig 7. Measured and simulated breakthrough curves of K in control soil and amended soils.

Fig 8. Measured and simulated breakthrough curves of Ca in control soil and amended soils.

Fig 9. Measured and simulated breakthrough curves of Mg in control soil and amended soils.

(a)



(b)

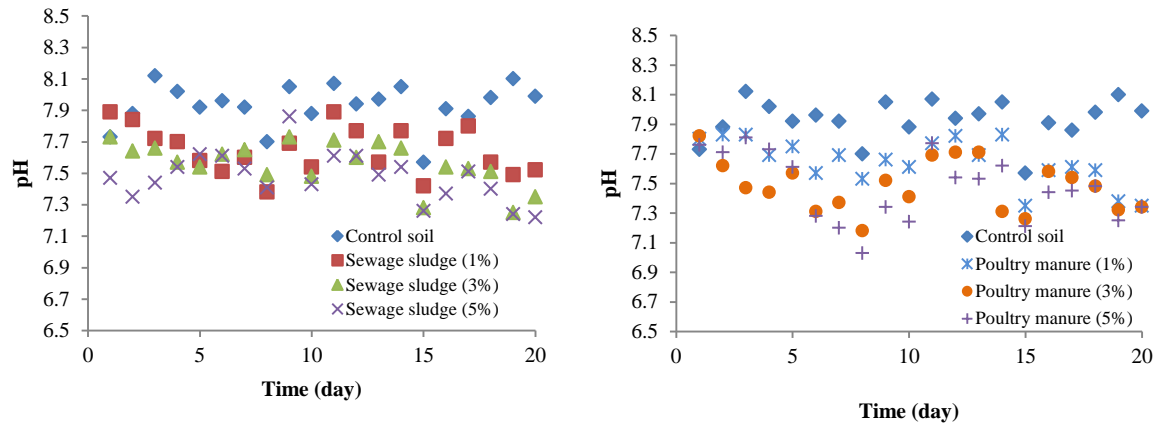
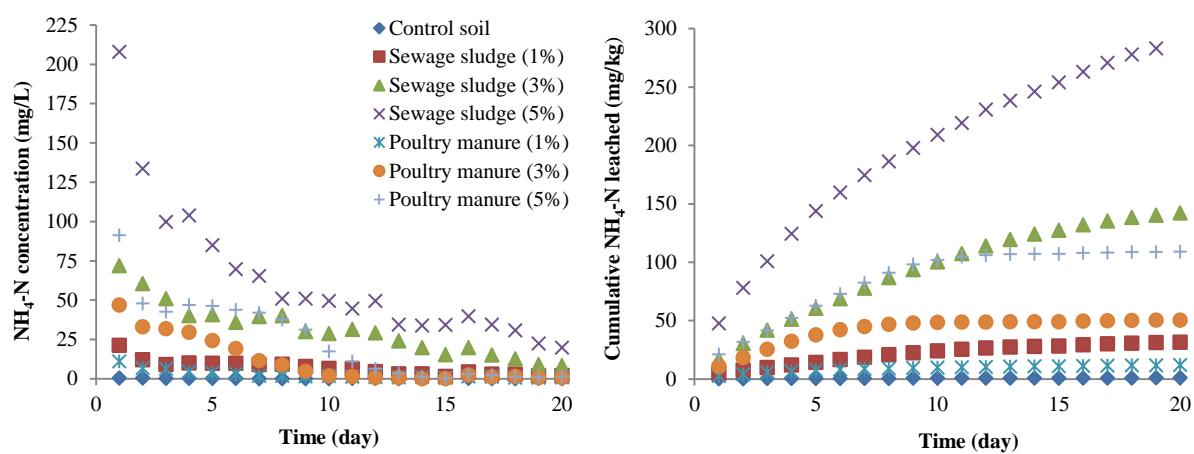


Fig 1

(a)



(b)

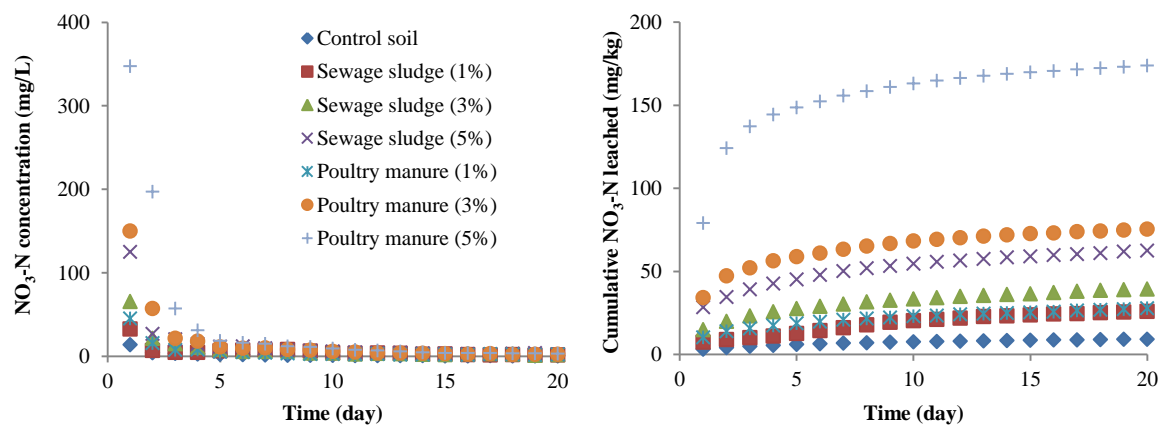
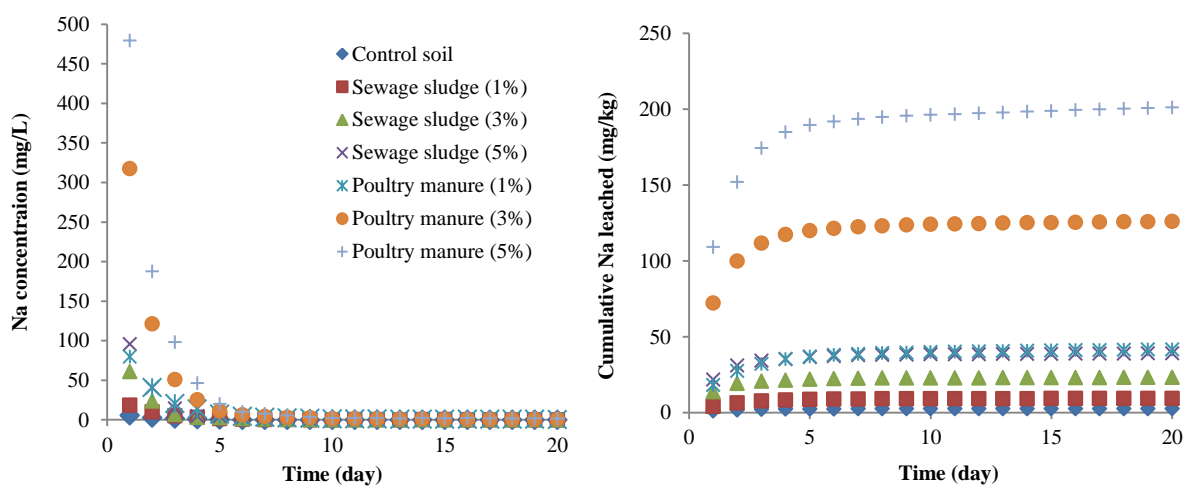


Fig 2

(a)



(b)

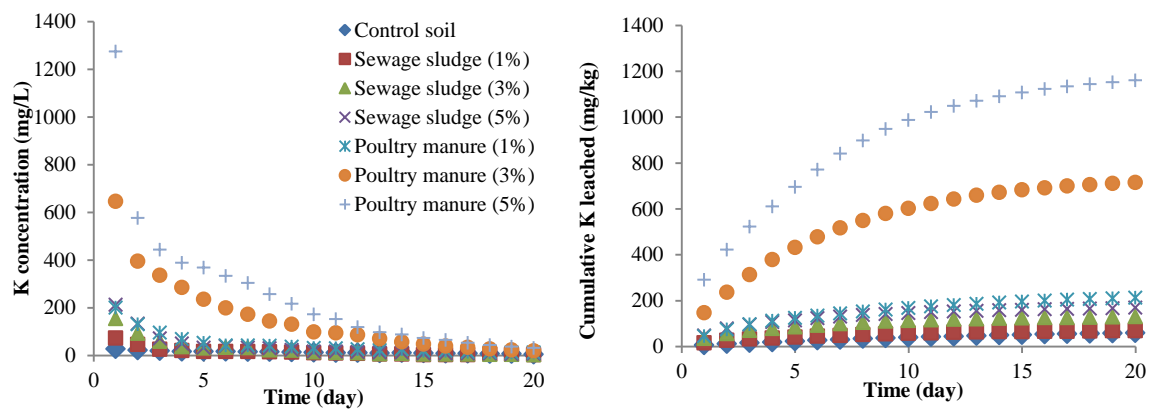
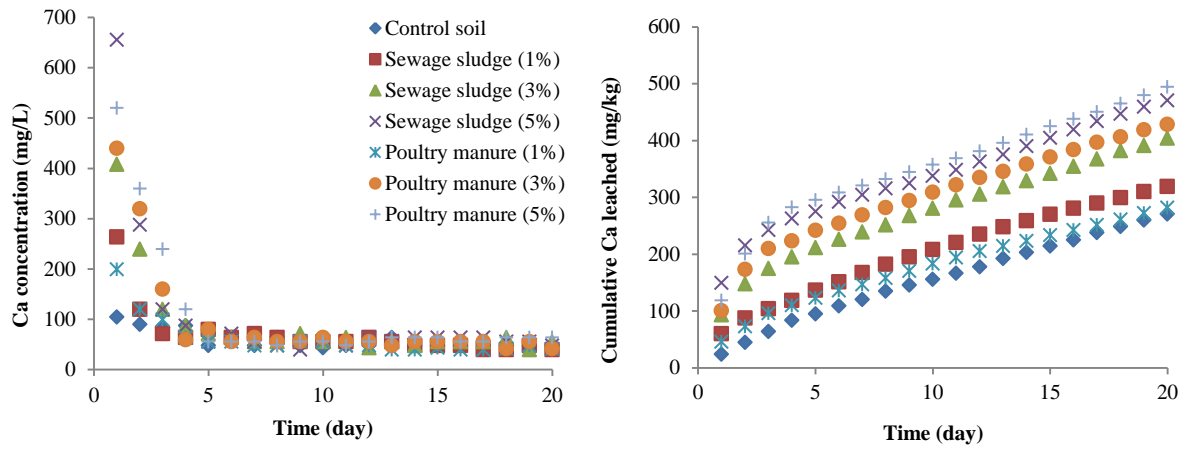


Fig 3

(a)



(b)

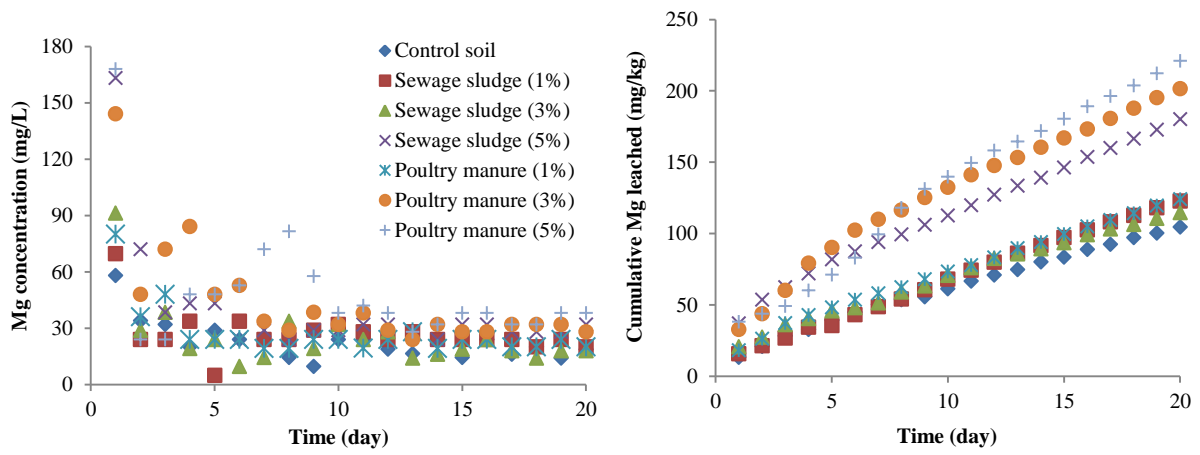


Fig 4

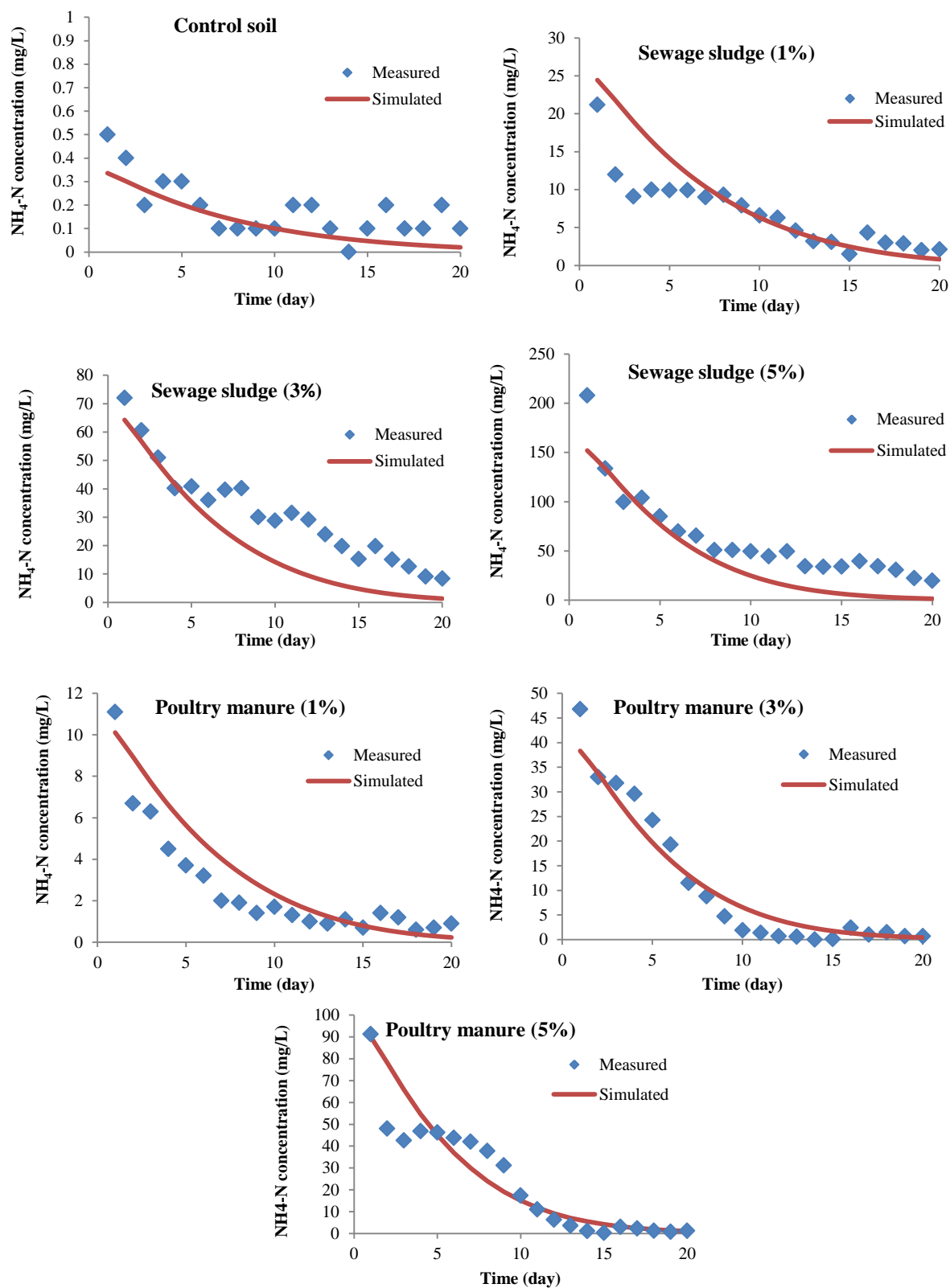


Fig 5

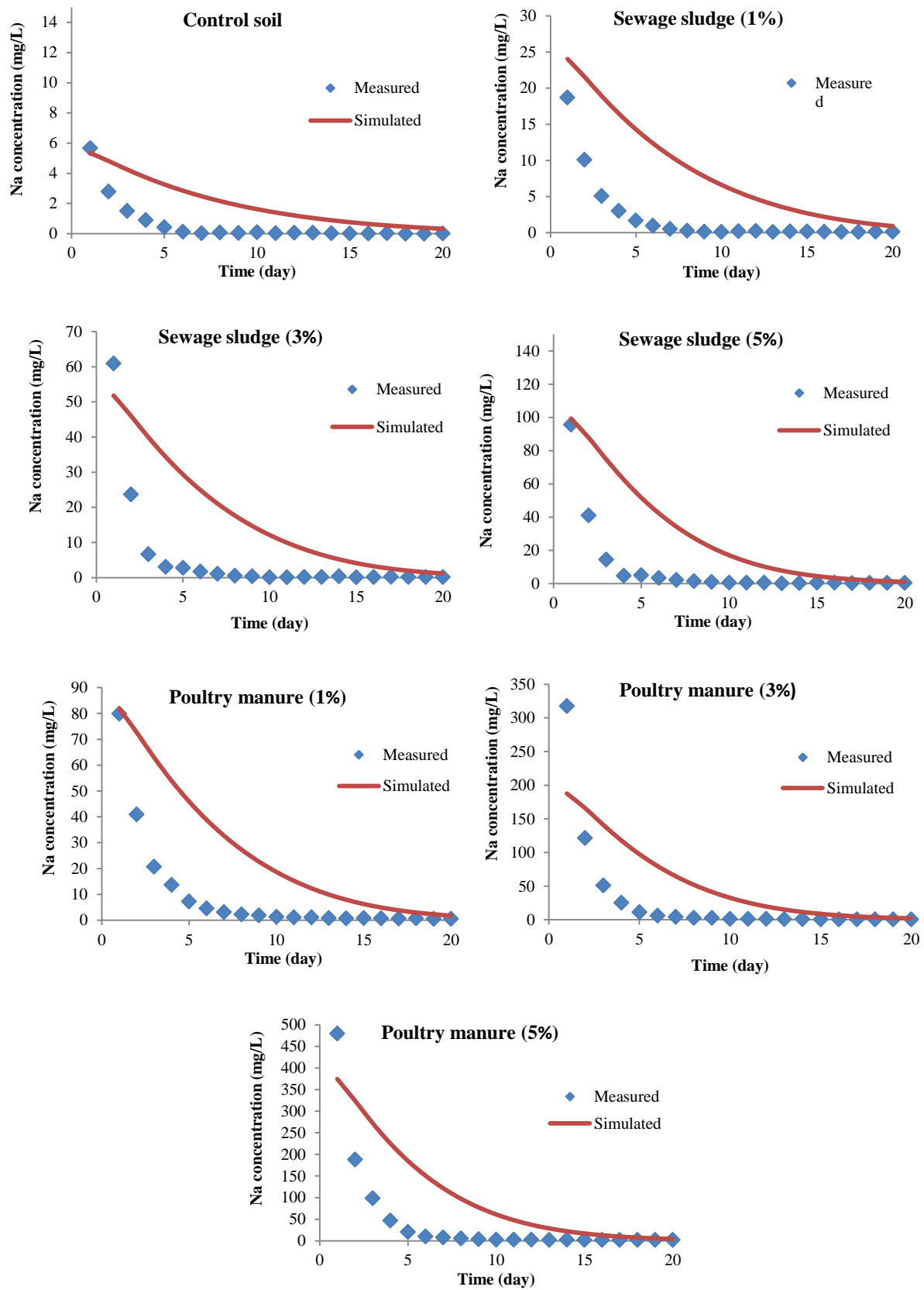


Fig 6

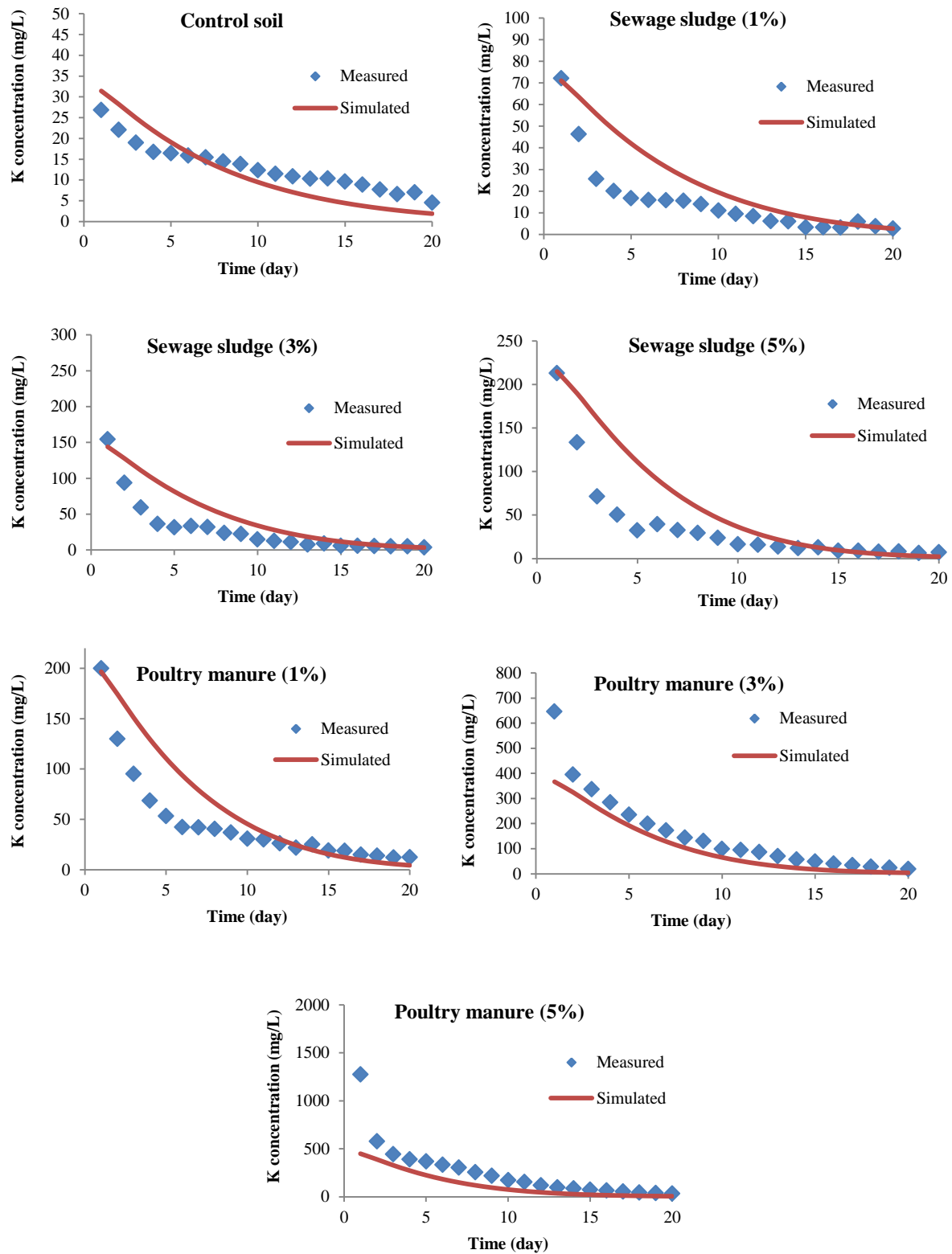


Fig 7

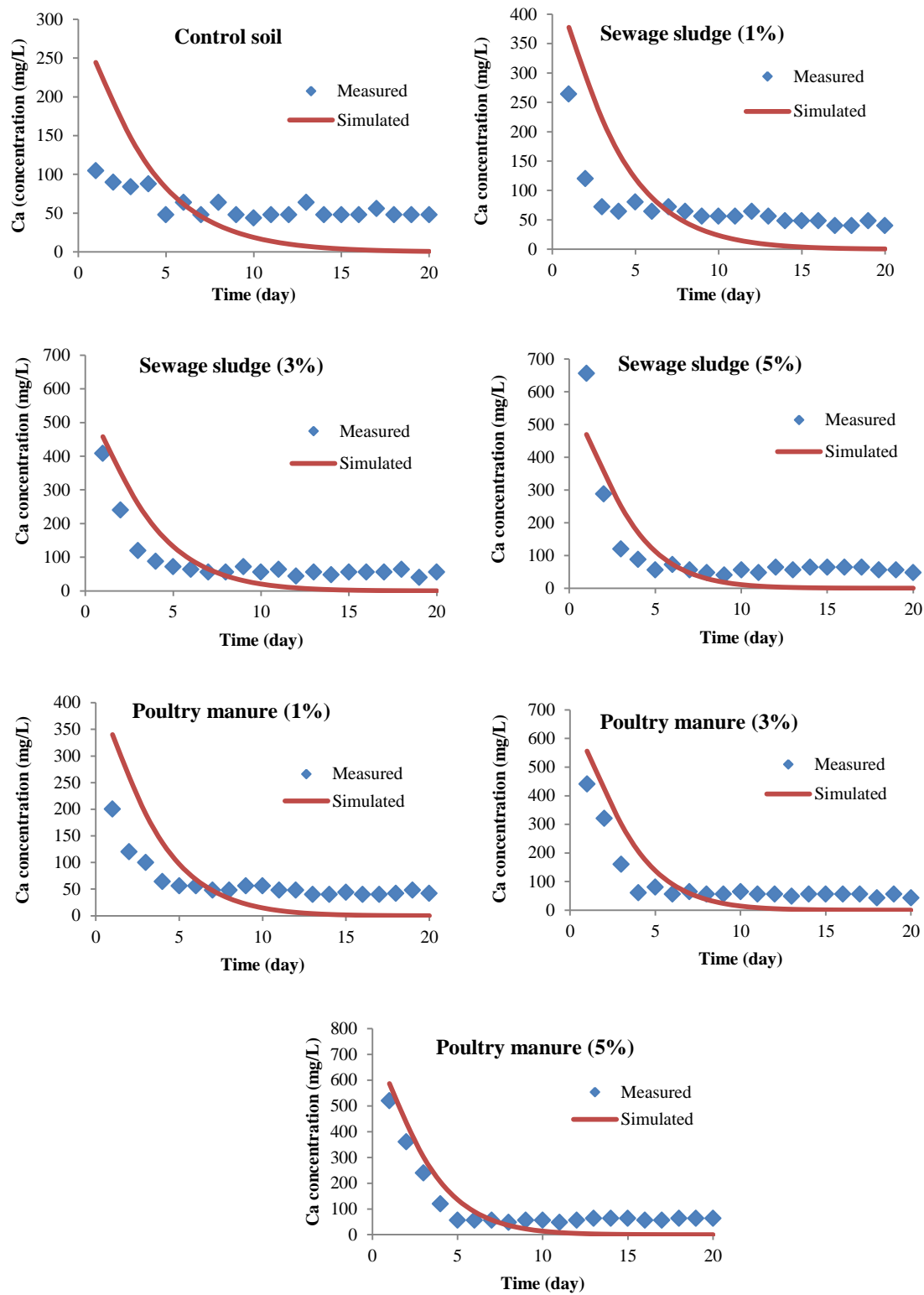


Fig 8

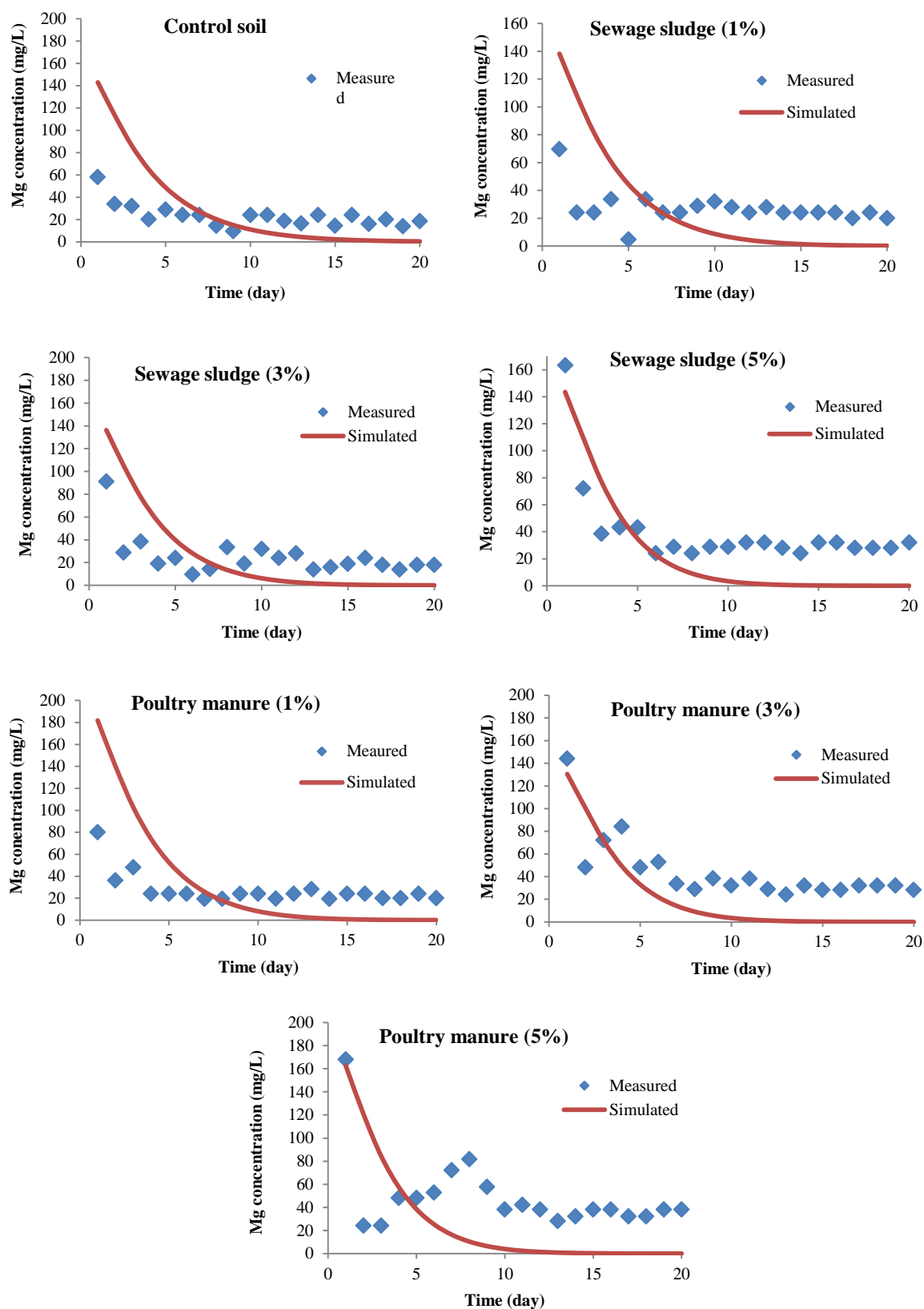


Fig 9