17

Titre du document / Document title

Glyphosate

Auteur(s) / Author(s)

GIMSING Anne Louise ; DOS SANTOS Afonso Maria ;

Résumé / Abstract

The herbicide glyphosate (N-phosphonomethylglycine) interacts strongly with many soil components. It forms strong complexes with many metals in solution, and it is adsorbed through innersphere complexation to iron- and aluminium oxides. Glyphosate can also be adsorbed by clay minerals by forming complexes with interlayer cations. Because of these interactions, glyphosate is strongly adsorbed in soils. It is mainly the phosphonic acid moiety that participates in the adsorption, and therefore phosphate competes with glyphosate for adsorption sites.

Revue / Journal Title

A.C.S. symposium series ISSN 0097-6156 CODEN ACSMC8

Source / Source

2005, vol. 910, pp. 263-277 [15 page(s) (article)]

Langue / Language

Anglais

Editeur / Publisher

Oxford University Press, Cary, NC, ETATS-UNIS (1974) (Revue)

Localisation / Location

INIST-CNRS, Cote INIST : 17351, 35400013174660.0160

Nº notice refdoc (ud4) : 17064008