

Agronomy

ISSN: 0249-5627

for Sustainable Development




EDP
SCIENCES

 **INRA**

Agronomy

for Sustainable Development

Formerly Agronomie

Volume 25 • No. 2 • pp. 169-336 – April / June 2005

Contents

- 169 Evaluation of nitrogen fertilizing value of composted household solid waste under greenhouse conditions – E. Elherradi, B. Soudi, C. Chiang, K. Elkacemi
- 177 Allelopathic potential of *Petiveria alliacea* L. – R. Pérez-Leal, M.R. García-Mateos, T.R. Vásquez-Rojas, M.T. Colinas-León
- 183 Effect of foliar application of N and humic acids on growth and yield of durum wheat – S. Delfine, R. Tognetti, E. Desiderio, A. Alvino
- 193 Persistence of chlorpyrifos, diazinon and dimethoate sprayed in the greenhouse environment during hydroponic cultivation of *Gerbera* – S.P. Hatzilazarou, E. Charizopoulos, E. Papadopoulou-Mourkidou, A.S. Economou
- 201 Quality of fungicide application on trellised grapevines by a sprayer prototype – A. Porras-Soriano, A. Porras-Piedra, M.L. Soriano-Martín
- 205 Fertilizer effect on the yield and terpene components from the flowerheads of *Chrysanthemum boreale* M. (Compositae) – K.D. Lee, M.S. Yang, Supanjani, D.L. Smith
- 213 Yield variation in organic winter wheat: a diagnostic study in the Southeast of France – C. David, M.-H. Jeuffroy, J. Henning, J.-M. Meynard
- 225 Increase in rice productivity in the Senegal River valley due to improved collective management of irrigation schemes – J.-C. Poussin, Y. Diallo, J.-C. Legoupil, A. Sow
- 237 Variation among *Solanaceae* crops in cadmium tolerance and accumulation – O. Thiebauld, S. Soler, M.D. Raigón, J. Prohens, F. Nuez
- 243 Role of the rooting system in salt tolerance potential of different guar accessions – M.Y. Ashraf, K. Akhtar, G. Sarwar, M. Ashraf
- 251 Preface F. Trolard
- 253 Using grassed strips to limit pesticide transfer to surface water: a review – J.-G. Lacas, M. Voltz, V. Gouy, N. Carluet, J.-J. Gril
- 267 Degradation of three pesticides used in viticulture by electrogenerated Fenton's reagent – N. Oturan, M.A. Oturan
- 271 Enhanced isoproturon mineralisation in a clay silt loam agricultural soil – T. El-Sebai, B. Lagacherie, J.F. Cooper, G. Soulas, F. Martin-Laurent
- 279 A spatialising tool to simulate pesticide fate in the unsaturated zone on a catchment scale – A. Esposito, C. Vischetti, G. Errera, M. Trevisan, L. Scarponi, M. Herbst, M. Ciocanaru, H. Vereecken
- 285 Microalgae community structure analysis based on 18S rDNA amplification from DNA extracted directly from soil as a potential soil bioindicator – A. Bérard, U. Dorigo, J.F. Humbert, F. Martin-Laurent
- 293 Comparison of the leaching behaviour of two maize herbicides: atrazine and sulcotrione – R. Cherrier, A. Boivin, C. Perrin-Ganier, M. Schiavon
- 301 Sorption behaviour of diuron under a mediterranean climate – X. Louchart, B. Lennartz, M. Voltz
- 309 Bentazone adsorption and desorption on agricultural soils – A. Boivin, R. Cherrier, M. Schiavon
- 317 Biofiltration onto pine bark for the treatment of water contaminated with atrazine: influence of sorbent on *Pseudomonas* sp. strain adp – S. Gendrault, R. Bayard, R. Gourdon
- 323 Effects of soil moisture and treatment volume on bentazon mobility in soil – S. Guimont, C. Perrin-Ganier, B. Real, M. Schiavon
- 331 Degradation of alloxidim in chlorinated water – P. Sandín-España, I. Santín, J.O. Magrans, J.L. Alonso-Prados, J.M. García-Baudín

Indexed in:

Agris, Biological Abstracts/Biosis, CAB International (Field Crop Abstracts, Forestry Abstracts, Helminthological Abstracts, Herbage Abstracts, Horticultural Abstracts, Plant Breeding Abstracts, Review of Applied Entomology, Review of Plant Pathology, Soil and Fertilizers), CABS (Current Awareness in Biological Sciences), CNRS/Pascal, Current Contents (Agriculture, Biology and Environmental Sciences), Ecology Abstracts, Entomology Abstracts, Geo Abstracts, GEOBASE, Resagri, Science Citation Index.

www.edpsciences.org

