

COMMENTARY

Moving beyond the soil test

William Liebhardt

189

Special Section: Themed Content: Integrated Crop-Livestock Systems

Toward agricultural sustainability through integrated crop-livestock systems. III. Social aspects

Alan J. Franzluebbers, Gilles Lemaire, Paulo César de Faccio Carvalho, R. Mark Sulc
and Benoît Dedieu

192

Transition to self-sufficient mixed crop-dairy farming systems

Xavier Coquil, Pascal Béguin and Benoît Dedieu

195

Land use and soils disposal: From competition to territorial governance (examples from land use conflicts in the greater Paris region)

André Torre and Ségolène Darly

206

Landscape characterization of integrated crop-livestock systems in three case studies of the tropics

Rene Poccard-Chapuis, Livia Navegantes Alves, Marcia Mascarenha Grise, Alassane Bâ,
Doubangolo Coulibaly, Laura Angelica Ferreira and Philippe Lecomte

218

Comparison of an integrated crop-livestock system with soybean only: Economic and production responses in southern Brazil

Carlos Alberto Oliveira de Oliveira, Carolina Bremm, Ibanor Anghinoni, Anibal de Moraes,
Taise Robinson Kunrath and Paulo César de Faccio Carvalho

230

From a conceptual framework to an operational approach for managing grassland functional diversity to obtain targeted ecosystem services: Case studies from French mountains

M. Duru, C. Jouany, X. Le Roux, M.L. Navas and P. Cruz

239

PRELIMINARY REPORT

Solar desalination for sustainable brackish water management in arid land agriculture

Andrea Ghermandi, Rami Messalem, Rivka Offenbach and Shabtai Cohen

255

RESEARCH PAPERS

Rurality and agroecosystem sustainability: a case study at farm-field level in Terceira Island (Portugal) and in Viterbo Province (Italy)

Vincenzo Di Felice, Edite Romana de Jesus Soares Bessa Batista, Roberto Mancinelli,
João Guilherme Ferreira Batista and Enio Campiglia

265

A critical review and re-assessment of theories of smallholder decision-making: a case of conservation agriculture households, Zambia

Bridget Bwalya Umar

277