

35. Effect of soil tillage and N-fertilization on the distribution of nitrate in the soil profile in a long-term wheat-maize biculture
S. Hoffmann, T. Kismányoky
36. Improvement of the nitrogen uptake induced by Ti(IV) supply in nitrogen stressed pepper crops
J.J. Pastor, M.J. Frutos, M. Carjaval, F. Martínez-Sánchez, C.F. Alcaraz
37. Effect of slow-release N-fertilizers on yield and baking quality of winter wheat
I. Ragasits, J. Balázs, K. Berecz
38. Effect of nitrogen fertilization and plant population on the yield of soybeans
A.D. Simonis, H.B. Setatou
39. The effect of fertilizers on incidence of the fungus: *Microdochium bolleyi* causing root rot of maize
S. Stojkov, V. Pencic
40. Effect of irrigation systems and type of nitrogenous fertilizers in the grain yield and N-uptake on a maize crop
A. Vallejo, M.C. Cartagena, R. Caballero, J.A. Díez
41. Environmental advantages and disadvantages of different sources of nitrogen in agricultural systems
D.W. Widjajanto

Session IVb: ORGANIC MANURES MANAGEMENT

Chairman: C. Cadahia, Facultad de Ciencias, Universidad Autónoma, Madrid, Spain

42. Organic manure management and efficiency: Role of organic fertilizers and their management practices
E. Schnug, P. Oswald, S. Haneklaus
43. Soil effects due to sewage sludge application in agriculture
H. Häni, A. Siegenthaler, T. Candinas
44. Sub-surface injection of liquid waste
P.M.P. Águas, R. Godwin
45. Reducing N losses (NH_3 , N_2O , N_2) and immobilization from slurry through optimized application techniques
P. Dosch, R. Gutser
46. Agricultural use of sewage sludge and its regulation
P. Soler-Rovira, J. Soler-Soler, J. Soler-Rovira, A. Polo
47. Cotton fertilization with composts of (sugarbeet) vinasse and agricultural residues
E. Madejon, M.J. Diaz, R. Lopez, C. Lozano, F. Cabrera