

Volume 42, Number 9

Contents

- Effect of Soil Management on Olive Yield and Nutritional Status of Trees in Rainfed Orchards 993
Manuel Ângelo Rodrigues, João Ilídio Lopes, Francisco Manuel Pavão, José Eduardo Cabanas, and Margarida Arrobas
- Soil Microbial Community Diversity and Its Relationships with Geochemical Elements under different Farmlands in Shouguang, China 1008
Juan Zhou, Ren Qing Wang, Wei Hua Guo, Guang Jun Zhou, Qiang Wang, Wei Wang, Xue Mei Han, Xu Gui Pang, Jin Cheng Zhan, and Jie Rui Dai
- Response of Maize and Cowpea Grown Sequentially to Application of Phosphate Rock in the Humid Tropics 1027
M. O. Akande, E. A. Makinde, and M. T. Adetunji
- Soil Zinc Transformations as Affected by Applied Zinc and Organic Materials 1038
S. Kamali, A. Ronaghi, and N. Karimian
- Effects of Coal-Derived Humic Substance on Some Soil Properties and Bread Wheat Yield 1050
O. C. Turgay, A. Karaca, S. Unver, and N. Tamer
- Measuring Water-Extractable Phosphorus in Manures to Predict Phosphorus Concentrations in Runoff 1071
Julie S. Studnicka, Larry G. Bundy, Todd W. Andraski, Laura W. Good, and J. Mark Powell
- Efficiency of Commercial Agricultural-Grade Limestone 1085
J. S. Thompson, D. E. Kissel, L. S. Sonon, and M. L. Cabrera
- Study on the Effects of Organic and Inorganic Nitrogen Fertilizer on Yield, Yield Components, and Nodulation State of Chickpea (*Cicer arietinum* L.) 1097
Ali Namvar, Raouf Seyed Sharifi, Mohammad Sedghi, Rasool Asghari Zakaria, Teymur Khandan, and Behruz Eskandarpour

Volume 42, Number 10

Contents

- Effects of Temperature and Soil Type on Ammonia Volatilization from Slow-Release Nitrogen Fertilizers** 1111
X. H. Fan, Y. C. Li, and A. K. Alva
- Accessory Minerals and Potentially Toxic Elements in Tanzanian Vermiculites with Respect to Agricultural Applications** 1123
Ernest M. M. Marwa, Andrew A. Meharg, and Clive M. Rice
- Stabilization of Molybdate Reactive Phosphorus in 0.5 M Sodium Bicarbonate Extracts of Soils** 1143
Paul J. Milham, Warwick J. Dougherty, Jacques Fabien, Gary Rubenis, and Kenneth I. Peverill
- Trace Element Concentrations of Iowa Surface Soils** 1153
M. A. Tabatabai and N. P. Rogovska
- Effects of Soil Drying on Soil pH and Nutrient Extractability** 1167
M. Susan Erich and Bruce R. Hoskins
- Influence of Vesicular Arbuscular Mycorrhizal Fungi and Applied Phosphorus on Root Colonization in Wheat and Plant Nutrient Dynamics in a Phosphorus-Deficient Acid Alfisol of Western Himalayas** 1177
V. K. Suri, Anil K. Choudhary, Girish Chander, and T. S. Verma
- Soil Organic Carbon, Biochar, and Applicable Research Results for Increasing Farm Productivity under Australian Agricultural Conditions** 1187
Mark P. McHenry
- Yield Response of Corn to Single and Combined Application of Cattle Manure and Urea** 1200
A. H. Khoshgoftarmanesh and H. R. Eshghizadeh
- Fertilizer Regime and Weed Pressure Minimally Influence Leaf Tissue Nutrient Levels during Cranberry Vine Establishment** 1209
H. A. Sandler, C. J. DeMoranville, and W. R. Autio
- Suspending Nitrogen Fertilization Reduces Residual Soil Nitrates in Dryland Cotton** 1223
J. Scott McConnell, Rose M. McConnell, Xiaoping Pan, Chad J. Altfillisch, Krishna P. Gidda, Matthew S. McConnell, Luke R. Morgan, Benjamin M. Mullins, Stephanie M. Nicioli, Trent M. Pedigo, Karen E. Ribordy, and Donald R. Sheppard

Volume 42, Number 11

Contents

- Overwinter Mineralization of a Biosolid and Composted Banana Residues in Humid Mediterranean Conditions 1237
T. Atallah, T. Darwish, C. Jamous, P. Debs, E. Touma, and T. Masri
- Soils and Native Vegetation in a Hilly and Mountainous Area in Central Greece 1249
Theodore Karyotis, M. Toullos, J. Alexiou, M. Tziouvalekas, A. Charoulis, S. Vergos, K. Tsipis, A. Drosos, V. Aretos, and T. Mitsimponas
- Comparison of Three Digestion Methods for Total Soil Potassium Estimation in Soils of Papua New Guinea Derived from Varying Parent Materials 1259
B. K. Rajashekar Rao, John Bailey, and Robin Walter Wingwafi
- Yield, Quality Components, and Nitrogen Levels of Silage Corn Fertilized with Urea and Zeolite 1266
Alberto C. de Campos Bernardi, Gilberto Batista de Souza, José Carlos Polidoro, Paulo Renato Perdigão Paiva, and Marisa Bezerra de Mello Monte
- Cowpea Quality Seed Indicators as Influenced by Field Application of Selected Biofertilizers and Mycoinsecticide in Three Agroecological Zones of Cameroon 1276
Albert Ngakou, Mahamat Moctar, Nicolas Yanou Njintang, and Manuele Tamò
- Effect of 15-Year-Long Fertilization on Potassium Quantity/Intensity Relationships in Black Soil in Northeastern China 1289
Huimin Zhang, Minggang Xu, Ping Zhu, and Chang Peng
- Effect of Soil and Nutrient-Management Treatments on Soil Quality Indices under Cotton-Based Production System in Rainfed Semi-arid Tropical Vertisol 1298
K. L. Sharma, J. Kusuma Grace, P. K. Mishra, B. Venkateswarlu, M. B. Nagdeve, V. V. Gabhane, G. Maruthi Sankar, G. R. Korwar, G. Ravindra Chary, C. Srinivasa Rao, Pravin N. Gajbhiye, M. Madhavi, U. K. Mandal, K. Srinivas, and Kausalya Ramachandran
- Gas Chromatography–Mass Spectroscopy Analysis of Carbofuran and Its Metabolite 3-Hydroxy-carbofuran in Maize and Soil in Field 1316
Li Chen, Chonghong Jia, Ercheng Zhao, Min He, Pingzhong Yu, and Xiaodan Zhu
- Effect of Planting Method on Grain Quality and Nutrient Utilization for No-Tillage Rice 1324
Song Chen, Weihui Zhou, Fengrong Zeng, and Guoping Zhang
- Response of Lettuce and Rhizosphere Biota to Successive Additions of Zinc and Cadmium to a Tropical Entisol 1336
R. M. C. P. Rajapaksha and I. D. Amarakoon
- Effect of Municipal Solid Waste Compost and Compost Tea as Fertility Amendments on Growth and Tissue Element Concentration in Container-Grown Tomato 1349
Andrew M. Radin and Philip R. Warman