

TABLE OF CONTENTS

Volume 3 Number 11

November 2012

Effects of *Myrothecium verrucaria* on Ultrastructural Integrity of Kudzu (*Pueraria montana* var. *lobata*) and Phytotoxin Implications

R. E. Hoagland, C. D. Boyette, K. C. Vaughn, N. D. Teaster, K. Stetina.....1513

Molecular Cloning, Sequence Analysis and Expression Analysis of an NtWRKY6 from Tobacco (*Nicotiana tabacum* L.) in Abiotic Strssss

L. Q. Li, Y. B. Huang, W. Wang, Y. L. Xu.....1520

Biodiversity of Halophytic Vegetation in Chott Zehrez Lake of Djelfa (Algeria)

B. Nedjimi, B. Beladel, B. Guit.....1527

The Effect of Plant Growth Regulator and Active Charcoal on the Development of Microtubers of Potatoes

M. L. Peng, X. Y. Wang, L. Q. Li.....1535

Shoot Biomass Assessments of the Marine Phanerogam *Zostera marina* for Two Methods of Data Gathering

E. Solana-Arellano, H. Echavarría-Heras, V. Díaz-Castañeda, O. Flores-Uzeta.....1541

Use of the SPAD-502 in Estimating Nitrogen Content in Leaves and Grape Yield in Grapevines in Soils with Different Texture

G. Brunetto, G. Trentin, C. A. Ceretta, E. Girotto, F. Lorensini, A. Miotto, G. R. Z. Moser, G. W. de Melo.....1546

Season, Environment Stress and Refrigerated Storage Affect Genomic DNA Isolation of Tung Tree

L. L. Zhang, Y. Pan, J. M. Fu, J. H. Peng.....1562

Insecticidal Toxicity of Spilanthol from *Spilanthes acmella* Murr. against *Plutella xylostella* L.

A. Sharma, V. Kumar, R. S. Rattan, N. Kumar, B. Singh.....1568

Biochemical, Antioxidant and Antineoplastic Properties of Italian Saffron (*Crocus sativus* L.)

A. Gismondi, M. Serio, L. Canuti, A. Canini.....1573

Rolling Circle Amplification Is More Sensitive than PCR and Serology-Based Methods in Detection of Banana streak virus in *Musa* Germplasm

M. C. Wambulwa, F. N. Wachira, L. S. Karanja, S. M. Muturi.....1581

Comparison of Photosynthetic Pigment Contents of the Resurrection Plants *Ramonda serbica* and *Ramonda nathaliae* of Some Different Populations from Kosovo, Albania and Macedonia

B. Gashi, K. Abdullai, E. Kongjika.....1588

Weed Control, Environmental Impact and Profitability of Weed Management Strategies in Glyphosate-Resistant Corn

N. Soltani, C. L. Stewart, R. E. Nurse, L. L. Van Eerd, R. J. Vyn, P. H. Sikkema.....1594

Effects of the Pesticide Furadan on Traits Associated with Reproduction in Wild Potato Species

A. del Rio, J. Bamberg, R. Centeno-Diaz, A. Salas, W. Roca, D. Tay.....1608

Broadleaf Weed Control and Crop Safety with Premixed Pyrasulfotole and Bromoxynil in Winter Wheat

S. S. Reddy, P. W. Stahlman, P. W. Geier, D. E. Peterson.....1613

Stimulation of Root Growth Induced by Aluminum in *Quercus serrata* Thunb. Is Related to Activity of Nitrate Reductase and Maintenance of IAA Concentration in Roots

R. Tomioka, C. Takenaka, M. Maeshima, T. Tezuka, M. Kojima, H. Sakakibara.....1619

Weed Control and Crop Safety with Premixed S-Metolachlor and Sulfentrazone in Sunflower

S. S. Reddy, P. W. Stahlman, P. W. Geier, C. R. Thompson.....1625

The Shola (Tropical Montane Forest)-Grassland Ecosystem Mosaic of Peninsular India: A Review

M. Bunyan, S. Bardhan, S. Jose.....1632

Observation on Baseline Sensitivity of *Erysiphe necator* Genetic Groups to Azoxystrobin

H. R. Hajjeh.....1640

Aqueous Extracts of Dried Fruits of *Zanthoxylum armatum* DC., (Rutaceae) Induce Cellular and Nuclear Damage Coupled with Inhibition of Mitotic Activity *in Vivo*

E. V. Kharshiing.....1646

Evaluation of Biological Soil Fertility Management Practices for Corn Production in Oxisols

M. Muyayabantu, B. D. Kadiata, K. K. Nkongolo.....1654

The figure on the front cover is from the article published in American Journal of Plant Sciences, 2012, Vol. 3, No. 11, pp. 1646-1653 by Eros Vasil Kharshiing.