

Table of Contents

Volume 6 Number 16

October 2015

Study on the Pollen Thermo-Sensitive and Stigma Exsertion Male Sterile Line Tomato (*Lycopersicon esculentum* Mill.) cv. Da107

Q. Z. Yu, C. Y. Liang, X. Y. Wang, Y. C. Du, M. Masuda, K. Murakami.....2535

***Phelipanche aegyptiaca* Management with Glyphosate in Potato**

M. Haidar, E. Shdeed.....2540

Morphological and Biochemical Changes in Ginseng Seedling Roots Affected with Stripe Symptoms

Z. K. Punja, M. Rahman.....2550

Studies on Vegetative and Reproductive Ecology of *Paris polyphylla* Smith: A Vulnerable Medicinal Plant

C. R. Deb, S. L. Jamir, N. S. Jamir.....2561

Effect of Different Concentrations of Orange Juice for *in Vitro* Regeneration and Multiplication of Cocoyam (Taro)

A. O. Ubalua, A. I. Ikpeama, O. D. Okeagu.....2569

Canopy Light Interception of a Conventional and an Erect Leafed Sorghum

D. C. Gitz III, Z. Xin, J. T. Baker, R. J. Lascano, J. J. Burke.....2576

***In Vitro* Regeneration of Endangered Medicinal *Hypoxis* Species**

B. E. B. Nsibande, X. Y. Li, A. Ahlman, L.-H. Zhu.....2585

Utilizing Dominant Early Maturity Genes of Sterile Line UP-3s in Hybrid Rice Breeding to Avoid High Temperature Season

B. H. Huang, Z. B. Yan.....2596

Cloning and Characterization of δ -Guaiene Synthase Genes Encoding a Sesquiterpene Cyclase from *Aquilaria microcarpa* Cell Cultures

F. Kuroasaki, S. Hirohashi, T. Katoh, F. Taura, J.-B. Lee.....2603

Chemistry and Biological Activity of Condamineae Tribe: A Chemotaxonomic Contribution of Rubiaceae Family

V. F. Moreira, I. J. C. Vieira, R. Braz-Filho.....2612

Phytochemical Screening, Extraction of Essential Oils and Antioxidant Activity of Five Species of Unconventional Vegetables

M. S. S. Carvalho, M. G. Cardoso, L. V. Resende, M. de Souza Gomes, L. R. M. Albuquerque, A. C. S. Gomes, T. A. Sales, K. C. Camargo, D. L. Nelson, G. M. Costa, M. A. Espósito, L. F. L. e Silva.....2632

Differences in Root Growth and Permeability in the Grafted Combinations of Dutch Tomato Cultivars (Starbuck and Maxifort) and Japanese Cultivars (Reiyo, Receive, and Magnet)

T. Kakita, A. Abe, T. Ikeda.....2640

The Allelopathic Potential of Hairy Vetch (*Vicia villosa* Roth.) Mulch

C. M. Geddes, A. Cavalieri, F. Daayf, R. H. Gulden.....2651

Chemical Characterization and *in Vitro* Antitumor Activity of the Essential Oils from the Leaves and Flowers of *Callistemon viminalis*

C. M. de Oliveira, M. G. Cardoso, M. Ionta, M. G. Soares, J. de Andrade Santiago, G. Á. F. da Silva, M. L. Teixeira, D. A. C. S. Rezende, R. V. de Souza, L. I. Soares, D. L. Nelson, M. S. S. Carvalho.....2664

Effect of Gamma Irradiation and Selection with Fungus Filtrate (*Rhizoctonia solani* Kuhn) on the *in Vitro* Culture of Common Bean (*Phaseolus vulgaris*)

L. Y. Solís-Ramos, M. Valdez-Melara, R. Alvarado-Barrantes, F. Mora-Umaña, E. Hernández-Jiménez, N. Barboza-Vargas, P. Ramírez-Fonseca.....2672

Finger Millet: An Alternative Crop for the Southern High Plains

P. H. Gowda, P. V. V. Prasad, S. V. Angadi, U. M. Rangappa, P. Wagle.....2686