

Table of Contents

Volume 8 Number 10
September 2017

Potential of Wood Ash as a Fertilizer in BRS Piatã Grass Cultivation in the Brazilian Cerrado Soil

- E. M. Bonfim-Silva, M. T. J. Pereira, T. J. A. Da Silva, W. Fenner.....2333

Macronutrients Omission in the Growth of Cotton, BRS Topázio Cultivar Grown in Nutritious Solution

- F. G. Souza, L. H. G. Chaves, A. N. Alves, J. A. Souza.....2345

Evaluation of Preemergence Herbicides for Crop Safety and Weed Control in Safflower

- P. Jha, V. Kumar, C. A. Lim, R. Yadav.....2358

Using Pyroxasulfone for Downy Brome (*Bromus tectorum* L.) Control in Winter Wheat

- V. Kumar, P. Jha, A. J. Jhala.....2367

Evaluation of Substrates for Mass Culture of *Phaeoacremonium parasiticum*, the Fungus Responsible for Artificial Oleoresin Deposition in Agarwood Plant

- T. K. L. Le, K. C. Puzari, P Dutta.....2379

A Rapid Method for Measuring Seed Protein Content in Cowpea (*Vigna unguiculata* (L.) Walp)

- Y. J. Weng, A. Shi, W. S. Ravelombola, W. Yang, J. Qin, D. Motes, D. O. Moseley, P. Y. Chen.....2387

Influence of Water Content on the Quality of Pigeonpea Seeds

- C. F. Lisboa, R. S. L. De Araújo, I. R. Teixeira, J. H. Mota, A. G. Da Silva, M. E. V. De Araújo, D. D. A. Silva, E. E. França, I. L. Silva, F. R. T. De Camargo.....2397

Organomineral Phosphorus Fertilization in the Production of Corn, Soybean and Bean Cultivated in Succession

- D. C. Martins, Á. V. Resende, J. C. C. Galvão, E. P. Simão, J. P. C. Ferreira, G. O. Almeida.....2407

The Exogenous Application of Abscisic Acid Induce Accumulation of Anthocyanins and Phenolic Compounds of the 'Rubi' Grape

- F. J. Domingues Neto, A. Pimentel Junior, C. V. Borges, S. R. Cunha, D. Callili, G. P. P. Lima, S. R. Roberto, S. Leonel, M. A. Tecchio.....2422

Bentonite Effects on Zinc Concentration in Plants Irrigated with Wastewater

- G. A. Tito, L. H. G. Chaves, F. A. S Silva.....2433

Biological Control of *Pyricularia oryzae* Using Antifungal Compounds Produced by *Aspergillus niger*

A. A. Idan, K. Sijam, J. Kadir, T. S. Rashid, H. K. Awla, W. Alsultan.....2445

Assessment of Genetic Diversity of Coffee Accessions in Rwanda and Its Implication for Coffee Breeding

B. P. Muvunyi, P. Y. K. Sallah, L. Dusengemungu, J. Y. Zhang.....2461

Fast and Effective Thermotherapy Treatment for *In Vitro* Virus Eradication in Apple and Pear Trees

A. Lizárraga, J. Ascasíbar, M. L. González.....2474

Comparative Study of *Helicoverpa armigera* (Hubner) (Lepidoptera: Noctuidae) Preference for Bt and Non-Bt Soybean Cultivars

V. B. Santos, L. B. Silva, E. Carneiro, A. F. Silva, G. N. Lopes, B. E. Pavan, T. F. Rodrigues.....2483

Reduced Sensitivity of *Campomanesia adamantium* (Cambess.) O. Berg Seeds to Desiccation: Effects of Polyethylene Glycol and Abscisic Acid

D. M. Dresch, T. E. Masetto, T. S. Jeromini, S. P. Q. Scalon.....2501

Essential Oils from the Leaves and Flowers of *Callistemon viminalis*: Chemical Characterization and Evaluation of the Insecticide and Antifungal Activities

T. A. Sales, M. G. Cardoso, L. G. L. Guimarães, K. C. Camargo, D. A. C. S. Rezende, R. M. Brandão, R. V. Souza, V. R. F. Ferreira, A. E. Marques, M. L. Magalhães, D. L. Nelson.....2516

Transcriptome Analysis of Ten-DPA Fiber in an Upland Cotton (*Gossypium hirsutum*) Line with Improved Fiber Traits from Phytochrome A1 RNAi Plants

Q. Miao, P. Deng, S. Saha, J. N. Jenkins, C.-Y. Hsu, I. Y. Abdurakhmonov, Z. T. Buriev, A. Pepper, D.-P. Ma.....2530

Coating with Different Doses of Fertilizer in *Vinhático* Seeds

P. G. F. Sousa, H. D. Vieira, A. J. Acha.....2554

Physiological and Biochemical Characterization of Jiló Seeds (*Solanum gilo*) in Different Harvest Times

M. V. P. Alves, E. V. R. Von Pinho, H. O. Santos, G. C. P. Alves, R. W. Pereira.....2569