

## TABLE OF CONTENTS

Volume 5 Number 3

February 2014

<b>Effect of Planting Methods on the Yield and Yield Attributes of Short Duration <i>Aman</i> Rice</b> Md. M. Rana, Md. A. Al Mamun, A. Zahan, Md. N. Ahmed, Md. A. J. Mridha.....	251
<b>Phytoestrogen Enriched Tofu from Soybean Meal</b> S. H. Hwang, P. Thavarajah, D. Thavarajah.....	256
<b>Effect of Phosphorus Rates and Varieties on Grain Yield, Nutrient Uptake and Phosphorus Efficiency of Tef [<i>Eragrostis tef</i> (Zucc.) Trotter]</b> A. Balcha.....	262
<b>Use of Desirability Function Method in Optimization of Regeneration and Callus Induction of <i>Alhagi camelorum</i></b> M. Honari, H. Askari, M. Khosrowchahli.....	268
<b>Berberine Attenuated Aging-Accelerating Effect of High Temperature in <i>Drosophila</i> Model</b> V. Navrotskaya, G. Oxenkrug, L. Vorobyova, P. Summergrad.....	275
<b>The Stimulatory Effects of the Antimicrobial Agents Bavistin, Cefotaxime and Kanamycin on <i>In Vitro</i> Plant Regeneration of <i>Centella asiatica</i> (L.)—An Important Antijaundice Medicinal Plant</b> C. S. Panathula, M. D. N. Mahadev, C. V. Naidu.....	279
<b>Comparison of Chemical and Functional Properties of <i>Stevia rebaudiana</i> (Bertoni) Varieties Cultivated in Mexican Southeast</b> M. Segura-Campos, E. Barbosa-Martín, Á. Matus-Basto, D. Cabrera-Amaro, M. Murguía-Olmedo, Y. Moguel-Ordoñez, D. Betancur-Ancona.....	286
<b>Variability in Glucosinolate Content among <i>Camelina</i> Species</b> R. Russo, I. Galasso, R. Reggiani.....	294
<b>Use of Essential Oils of the Genus <i>Citrus</i> as Biocidal Agents</b> M. S. Gomes, M. das G. Cardoso, M. J. Soares, L. R. Batista, S. M. F. Machado, M. A. Andrade, C. M. O. de Azeredo, J. M. V. Resende, L. M. A. Rodrigues.....	299
<b>Corn Growth Response to Elevated CO<sub>2</sub> Varies with the Amount of Nitrogen Applied</b> J. A. Bunce.....	306
<b>Effect of Indole 3-Butyric Acid and Media Type on Adventitious Root Formation in Sheanut Tree (<i>Vitellaria paradoxa</i> C. F. Gaertn.) Stem Cuttings</b> D. B. Akakpo, N. Amisah, J. Yeboah, E. Blay.....	313
<b>Plants: The Future Pharmaceutical Factory</b> B. Sil, S. Jha.....	319
<b>Tyrosine Induces Anthocyanin Biosynthesis in <i>Arabidopsis thaliana</i></b> Z. Zhou, T. T. Zhi, Y. Liu, Y. C. Chen, C. M. Ren.....	328
<b>The Length and Density of Prickles on <i>Zanthoxylum ailanthoides</i> (Rutaceae): A Comparison of Japanese Islands with Different Sika Deer Browsing Pressures</b> S. Takei, K. Yoshioka, S. Yamada, H. Hayakawa, J. Yokoyama, K. Ito, S.-I. Tebayashi, R. Arakawa, T. Fukuda.....	332
<b>Transcriptome Analysis of Drought Induced Stress in <i>Chenopodium quinoa</i></b> J. A. Raney, D. J. Reynolds, D. B. Elzinga, J. Page, J. A. Udall, E. N. Jellen, A. Bonfacio, D. J. Fairbanks, P. J. Maughan.....	338

<b>Use of Gramoxone 20SL (Paraquat) Prior to Land Preparation in Controlling Aquatic Weeds in Wetland Areas of Bangladesh</b>	
Md. M. Rana, Md. A. Al Mamun, M. Habibullah, Md. I. U. Sarkar, Md. A. J. Mridha.....	358
<b>Response of <i>Arabidopsis</i> Clones to Toxic Compounds Released by Various <i>Rhizoctonia</i> Species</b>	
G. Oros, A. Bittsánszky, K. Pilinszky.....	364
<b>Forest Response to the US 1990 Clean Air Act: The Southern Spruce-Fir Ecosystem</b>	
S. A. Banks.....	372
<b>The Influence of Phlorotannins and Bromophenols on the Feeding Behavior of Marine Herbivorous Gastropod <i>Turbo cornutus</i></b>	
T. Shibata, T. Miyasaki, H. Miyake, R. Tanaka, S. Kawaguchi.....	387
<b>Growth and Flowering of Five Mango Cultivar under Subtropics Conditions of Brazil</b>	
A. C. da Silva, A. P. de Souza, S. Leonel, M. E. de Souza, D. P. Ramos, A. A. Tanaka.....	393
<b>Influence of Bavistin, Cefotaxime, Kanamycin and Silver Thiosulphate on Plant Regeneration of <i>Solanum viarum</i> (Dunal)—An Important Anticancer Medicinal Plant</b>	
M. D. Mahadev, C. S. Panathula, C. V. Naidu.....	403
<b>Isolation and Characterization of Novel Microsatellite Markers in Walnut (<i>Juglans regia</i> L.)</b>	
F. Najafi, M. Mardi, B. Fakheri, S. M. Pirseyedi, N. Mehdinejad, M. Farsi.....	409
<b>Structural Diversity of Woody Species in the Senegalese Semi-Arid Zone—Ferlo</b>	
O. Ndiaye, A. Diallo, S. A. Wood, A. Guisse.....	416

---

The figure on the front cover is from the article published in American Journal of Plant Sciences, 2014, Vol. 5, No. 3, pp. 393-402 by Andréa Carvalho da Silva, *et al.*