

TABLE OF CONTENTS

Volume 4 Number 9

October 2013

A Simple and Efficient Protocol for the Mass Propagation of <i>Vanilla planifolia</i> A. R. Zuraida, K. H. F. L. Izzati, O. A. Nazreena, W. S. W. Zaliha, C. M. Z. C. Radziah, Z. Zamri, S. Sreeramanan.....	1685
Auxin Producing <i>Pseudomonas</i> Strains: Biological Candidates to Modulate the Growth of <i>Triticum aestivum</i> Beneficially A. Iqbal, S. Hasnain.....	1693
Selection of Rice (<i>Oryza sativa</i> L.) Cultivars Tolerant to Drought Stress at the Vegetative Stage under Field Conditions S. Bunnag, P. Pongthai.....	1701
Evaluation of Antioxidant and Cytotoxic Capacity of <i>Croton bonplandianum</i>. Bail M. N. Qaisar, B. A. Chaudary, M. Uzair, S. N. Hussain.....	1709
Evaluation of Weed Control Options for Herbicide Resistant Transgenic Stacked (TC 1507 X NK603) and Conventional Maize Hybrids for Higher Productivity S. Kannan, C. Chinnagounder.....	1713
Influence of Date of Transplanting on Growth and Yield Attributes and Resultant Seed Quality of <i>Davana</i> M. Jayanthi, A. Vijayakumar, K. Vananagamudi, K. Rajamani.....	1721
Influence of Desiccation Time on Survival and Regeneration of Embryonic Axes of Groundnut (<i>Arachis hypogaea</i> L.) Immersed in Liquid Nitrogen M. M. Abdulmalik, I. S. Usman, J. D. Olarewaju, D. A. Aba.....	1725
OILCROP-SUN Model Relevance for Evaluation of Nitrogen Management of Sunflower Hybrids in Sargodha, Punjab A. Ahmad, A. Ali, Tasneem. Khaliq, S. A. Wajid, Z. Iqbal, M. Ibrahim, H. M. R. Javeed, G. Hoogenboom.....	1731
Effect of Treated Waste Water Irrigation on Plant Growth and Soil Properties in Gaza Strip, Palestine Y. El-Nahhal, K. Tubail, M. Safi, J. Safi.....	1736
Influence of Fly Ash and Growth Regulator with Soil for Determination of Chlorophyll in <i>Arachis hypogaea</i> L. S. Sao, P. K. Sahu.....	1744
Optimum Dark Adaptation Period for Evaluating the Maximum Quantum Efficiency of Photosystem II in Ozone-Exposed Rice Leaves H. Kobayakawa, K. Imai.....	1750
Asexual Propagation of Sheanut Tree (<i>Vitellaria paradoxa</i> C.F. Gaertn.) Using a Container Layering Technique N. Amisah, B. Akakpo, J. Yeboah, E. Blay.....	1758
Variation of Calcium Oxalate (CaOx) Crystals in Porang (<i>Amorphophallus muelleri</i> Blume) N. Chairiyah, N. Harijati, R. Mastuti.....	1765
Development of a SCAR Marker for Discrimination of a Thai Jasmine Rice (<i>Oryza sativa</i> L. cv. KDML105) Mutant, BKOS6, and Associated with Purple Color Trait in Thai Jasmine Rice-Related Varieties N. Semsang, R. Chundet, B. Phanchisri.....	1774
Potential Impact of Spacing and Fertilizer Levels on the Flowering, Productivity and Economic Viability of Hybrid Bendi (<i>Abelmoschus esculentus</i> L. Moench) under Drip Fertigation System G. Rajaraman, L. Pugalendhi.....	1784

Glyphosate-Resistant Giant Ragweed (<i>Ambrosia trifida</i> L.): 2,4-D Dose Response and Control with Postemergence Herbicides in Soybean	
J. Follings, N. Soltani, D. E. Robinson, F. J. Tardif, M. B. Lawton, P. H. Sikkema.....	1790
Growth of Four Varieties of Barley (<i>Hordeum vulgare</i> L.) in Soils Contaminated with Heavy Metals and Their Effects on Some Physiological Traits	
Á. González, M. C. Lobo.....	1799
Effect of Dilution of Treated Distillery Effluent (TDE) on Soil Properties and Yield of Sugarcane	
P. Sivaloganathan, B. Murugaiyan, S. Appavou, L. Dharmaraj.....	1811
Total Phenolic, Flavonoids, Tannin Content and Antioxidant Power of Some Iranian Pomegranate Flower Cultivars (<i>Punica granatum</i> L.)	
M. Hajimahmoodi, G. Moghaddam, A. M. Ranjbar, H. Khazani, N. Sadeghi, M. R. Oveisi, B. Jannat.....	1815
Phenotypic and Molecular Characterization of Wheat Leaf Rust Resistance Gene <i>Lr</i>₃₄ in Iranian Wheat Cultivars and Advanced Lines	
S. T. Dadrezaei, K. Nazari, F. Afshari, E. M. Goltapeh.....	1821
The Effects of Aqueous Extracts of <i>Acalypha wilkesiana</i> Supplementation and Exercise Training on Hematopoietic System in Rats	
A. F. Ehiaghe, J. I. Ehiaghe, I. E. Bright, I. I. Roland.....	1834
Do Higher Resource Capture Ability and Utilization Efficiency Facilitate the Successful Invasion of Exotic Plant? A Case Study of <i>Alternanthera philoxeroides</i>	
X. Y. Geng, S. Jiang, B. Li, X. Y. Pan.....	1839
Fluctuations in Natural Populations of the Leafminer (<i>Coelaenomenodera lameensis</i>) in Relation to Different Origins of Oil Palm (<i>Elaeis</i> sp.) in South Benin	
A. Coffi, R. Philippe, I. Glitho.....	1846
Proteomics-Based Analysis of <i>Phalaenopsis amabilis</i> in Response toward <i>Cymbidium</i> Mosaic Virus and/or <i>Odontoglossum</i> Ringspot Virus Infection	
T. F. Lai, Y. F. Deng, P. C. Zhang, Z. J. Chen, F. Hu, Q. Zhang, Y. H. Hu, N. N. Shi.....	1853
<i>Elaphoglossum</i> (Dryopteridaceae-Fern) of Amazon Rainforest in Brazil: Anatomic Characterization and Adaptative Strategies	
A. C. Feio, A. C. A. de Aguiar-Dias, R. C. de V. Potiguara.....	1863
Residual Effects of Sucrose and Hormonal Treatments of the Tuberization Medium on <i>in Vitro</i> Germination of Potato (<i>Solanum tuberosum</i> L.) Microtubers	
A. Diémé, M. A. N. Sambe, E. C. Agbangba, M. O. Sy.....	1872
Low-Density Co-Inoculation of Myanmar <i>Bradyrhizobium yuanmingense</i> MAS34 and <i>Streptomyces griseoflavus</i> P4 to Enhance Symbiosis and Seed Yield in Soybean Varieties	
K. M. Soe, T. Yamakawa.....	1879
Identification of Phenotypic and Genotypic Variability among the Isolates of <i>Ramularia areola</i> of Brazilian Cotton	
L. Giroto, M. S. Marangoni, J. N. Matos, R. Galbieri, W. P. Almeida, Y. R. Mehta.....	1893
Sand Dune Species Distribution and Size Variations in Two Areas Inside a Natural Protected Area Subjected to Different Human Disturbance	
L. Gratani, M. F. Crescente, L. Varone, E. Gini, C. Ricotta, A. Bonito.....	1899

The figure on the front cover is from the article published in American Journal of Plant Sciences, 2013, Vol. 4, No. 9, pp. 1701-1708 by Sumontip Bunnag, Prapaporn Pongthai.