

TABLE OF CONTENTS

Volume 3 Number 10

October 2012

Effect of Planting Density, Irrigation Regimes, and Maize Hybrids with Varying Ear Size on Yield, and Aflatoxin and Fumonisin Contamination Levels	
H. K. Abbas, H. J. Mascagni Jr., H. A. Bruns, W. T. Shier, K. E. Damann.....	1341
Combining Ability in Mixtures of Prairie Grass and Clovers	
M. J. Arturi, M. B. Aulicino, O. Ansín, G. Gallinger, R. Signorio.....	1355
Effects of Natural Radiation, PAR and Artificial Ultraviolet Radiation-B on the Ultrastructure and Histochemistry of Leaf of <i>Oryza sativa</i> L.	
S. L. de Almeida, É. C. Schmidt, A. C. Rodrigues, Z. L. Bouzon.....	1361
Disease Development Caused by <i>Ascochyta rabiei</i> on Chickpea Detached-Leaves in Petri Dishes	
N. Harijati, P. J. Keane.....	1369
Response of <i>Jatropha</i> on a Clay Soil to Different Concentrations of Micronutrients	
A. A. Abd El-Kader, M. M. Hussein, A. K. Alva.....	1376
Bacterial Community Associated with Autotrophic and Heterotrophic Cultures of Medicinal Plant <i>Smilax sonchifolius</i> (Yacon)	
R. M. Moraes, I. S. Melo, J. Sumyanto, S. Chandra, V. Joshi.....	1382
Identifying Combinatorial Growth Inhibitory Effects of Various Plant Extracts on Leukemia Cells through Systematic Experimental Design	
K. T. W. Cheong, K. Htay, R. H. C. Tan, M. Lim.....	1390
Molecular Phylogeny of the Philippine Endemic Genus <i>Antherosteles</i> Bremek. (Rubiaceae) Inferred from ITS Data (nrDNA) and Its Conservation Status	
J. J. A. Obico, G. J. D. Alejandro.....	1399
Antinutritive Compounds in Twelve <i>Camelina sativa</i> Genotypes	
R. Russo, R. Reggiani.....	1408
In Vitro Antioxygenic Activity of Ridge Gourd (<i>Luffa acutangula</i>) Pulp, Peel and Their Extracts on Peroxidation Models	
A. Padmashree, G. K. Sharma, A. D. Semwal, A. S. Bawa.....	1413
Purification of Active Peroxidase Isoenzymes and Their Responses to Nitrogen Fertilization and Rotation of Biomass Sorghum	
J. P. Wight, F. M. Hons, S. M. South, G. O. Osuji.....	1422
Bioclimate-Vegetation Interrelations along the Pacific Rim of North America	
M. Peinado, G. Díaz, J. Delgadillo, F. M. Ocaña-Peinado, M. Á. Macías, J. L. Aguirre, A. Aparicio.....	1430
Effect of Crude Oil-Contaminated Soil on Germination and Growth Performance of <i>Abelmoschus esculentus</i> L. Moench—A Widely Cultivated Vegetable Crop in Nigeria	
A. A. Oyediji, A. O. Adebisi, M. A. Omotinyinbo, C. O. Ogunkunle.....	1451
The Ecological Characteristics of Seed Germination and Seedling Establishment of <i>Manglietia patungensis</i>: Implication for Species Conservation	
F. Q. Chen, L. Liu, F. J. Chen, G. M. Jia.....	1455

Characterization of Newly Developed Wheat/Barley Introgression Lines in Respect of Aluminium Tolerance

E. Darko, B. Barnabás, M. Molnár-Láng.....	1462
System Position and Divergent Time of Based on ITS Sequence <i>Humulus scandens</i>	
R. F. Chen, Z. H. Zhang, W. T. Sun, Y. Fu, Q. C. Zhang, L. Wei, Y. M. Liang, R. C. Dong.....	1470
Cadmium Toxicity in Plants and Role of Mineral Nutrients in Its Alleviation	
R. Nazar, N. Iqbal, A. Masood, M. I. R. Khan, S. Syeed, N. A. Khan.....	1476
Effect of Growth Regulators on Seed Germination and Its Significance in the Management of <i>Aeginetia indica</i> L.—A Root Holoparasite	
C. R. Vijay, M. C. Thriveni, G. R. Shivamurthy.....	1490
Exogenous Application of Salicylic Acid and Nitric Oxide on the Ionic Contents and Enzymatic Activities in NaCl-Stressed Soybean Plants	
M. Simaei, R. A. Khavari-Nejad, F. Bernard.....	1495
Influence of the Environment on Cassava Quality Traits in Central Rift Valley of Kenya	
J. N. Ndung'u, F. N. Wachira, M. G. Kinyua, D. K. Lelgut, H. Okwaro, P. Njau, H. Obiero.....	1504

The figure on the front cover is from the article published in American Journal of Plant Sciences, 2012, Vol. 3, No. 10, pp. ***-*** by Anthony Nigliazzo.