

Table of Contents

Volume 6 Number 13

August 2015

Isolation and Characterization of Novel Microsatellite Markers in Chayote [<i>Sechium edule</i> (Jacq.) Sw.]	
R. Machida-Hirano, M. Cortés-Cruz, B. A. A. González, J. C. Íñiguez, K. Shirata, K. N. Watanabe.....	2033
Analysis of Bifenthrin Degrading Bacteria from Rhizosphere of Plants Growing at Tannery Solid Waste	
M. Ahmed, F. Jabeen, M. Ali, Z. Ahmad, F. Ahmed, M. B. Sarwar, S. ud Din, M. Hassan, S. Jahan.....	2042
Isoflavone and Mineral Content in Conventional and Transgenic Soybean Cultivars	
G. R. Costa, N. de Oliveira Couto e Silva, J. M. G. Mandarin, R. S. Leite, N. C. C. Guimarães, R. G. Junqueira, R. A. Labanca.....	2051
<i>Trochiscia hamzaoglui</i> (Chlorellales): A New Species from Central Anatolia (Turkey)	
T. Atici.....	2060
Soil Water Availability on Growth and Development of Safflower Plants	
E. M. Bonfim-Silva, E. C. A. de Anicésio, J. R. de Oliveira, H. H. de Freitas Sousa, T. J. A. da Silva.....	2066
Grain Yield and Protein Content of Brazilian Cowpea Genotypes under Diverse Ugandan Environments	
G. Ddamulira, C. A. F. Santos, P. Obuo, M. Alanyo, C. K. Lwanga.....	2074
Elevational Floral Size Variation in <i>Prunella vulgaris</i>	
S. Egawa, M. Hattori, T. Itino.....	2085
The Aromatic Plant <i>Satureja horvatii</i> ssp. <i>macrophylla</i> Induces Apoptosis and Cell Death to the A549 Cancer Cell Line	
P. Yfanti, A. Batistatou, G. Manos, M. E. Lekka.....	2092
Glyphosate Resistance in Giant Ragweed (<i>Ambrosia trifida</i> L.) from Mississippi Is Partly Due to Reduced Translocation	
V. K. Nandula, A. A. Wright, C. R. Van Horn, W. T. Molin, P. Westra, K. N. Reddy.....	2104
The Evolution of Microtubule End-Binding Protein 1 (EB1) and Roles in Regulating Microtubule Behavior	
J. Y. Liu, R. Han.....	2114
Analysis of Diversity among Potato Accessions Grown in Eritrea Using Single Linkage Clustering	
M. G. Biniam, S. M. Githiri, T. Mehari, R. W. Kasili.....	2122

Leaf Tissue Water Relations Are Associated with Drought-Induced Leaf Shedding in Tropical Montane Habitats

M. A. Sobrado.....2128

Development of Safflower Subjected to Nitrogen Rates in Cerrado Soil

E. M. Bonfim-Silva, J. T. S. Paludo, J. V. R. Sousa, H. H. de Freitas Sousa, T. J. A. da Silva.....2136

Molecular Markers Associated with *Ph-3* Gene Conferring Late Blight Resistance in Tomato

D. R. Panthee, R. G. Gardner, R. Ibrahim, C. Anderson.....2144

Exploration, Characterization and Phylogenetic Studies in Wild *Mangifera indica* Relatives

M. R. Dinesh, K. V. Ravishankar, P. Nischita, B. S. Sandya, B. Padmakar, S. Ganeshan,
R. Chithiraichelvan, T. V. R. S. Sharma.....2151

Study of Genetic Diversity in Germplasm of Upland Cotton (*Gossypium hirsutum* L.) in Pakistan

I. Talib, S. Ali, M. W. Pervez, M. U. Hassan, R. Hussain, K. Rehman, R. Firdous, S. Hussain.....2161

Selection for *Eldana saccharina* Borer Resistance in Early Stages of Sugarcane Breeding in South Africa

M. Zhou.....2168

Cartographic Approach in Studying Landscape Northwestern of Part Western Siberia

E. Kuzmenko.....2177

Comparison of Experimental Methods to Assess the Competitive Ability of Weed Species

L. Galon, G. Concenço, G. F. Perin, A. F. da Silva, C. T. Forte, F. de Adelio David, L. L. Radüz,
A. L. Radunz, A. Andres, S. P. Tironi, S. E. Concenço.....2185

Early Season Development of Micro/Nano-Morphology and Superhydrophobic Wetting Properties on Aspen Leaf Surfaces

G. C. Tranquada, J. J. Victor, U. Erb.....2197

Dark Response of Seedlings Evaluated by Chlorophyll Concentration in Maize Natural Population

N. C. Aye, S. T. Xu, D. W. Guo, Y. Q. Shi, Y. N. Li, Y. J. Li, J. Q. Xue.....2209

Alfalfa Establishment, Performance, and Persistence in Mississippi When Planted into a Bermudagrass Sward

J. A. White, R. Lemus.....2220