

Table of Contents

Volume 8 Number 9

August 2017

Comparative Analysis of the Fruit Pericarp Structure of the Desert and Mountain Species of *Ferula* L. (Apiaceae Lindl.)

V. K. Sharipova.....2013

Influence of Active Charcoal and Plant Position on Some Morphological Parameters of a Local Variety of Okra (*Abelmoschus caillei*)

K. N'Guessan, K. A. M. Hélène, K. N. Jacob, N. N. Alain, Y. K. Justin.....2021

Crambe (*Crambe abyssinica*) Cultivation under Different Levels of Fertilization with Nitrogen, Phosphorus and Potassium

A. C. F. de Vasconcelos, L. H. G. Chaves, J. D. Fernandes, G. A. Tito.....2031

Planting Date, Seeding Rate, and Cultivar Impact Agronomic Traits and Semolina of Durum Wheat

S. M. Forster, J. K. Ransom, F. A. Manthey, J. R. Rickertsen, G. H. Mehring.....2040

Researches on Methodologies to Verify Reduced Sensitivities of *Venturia inaequalis* in Field to Difenoconazole and First Indications of a Survey in Italy

R. Fiaccadori.....2056

Reproductive Components of Safflower Genotypes Submitted of Bulk Density Levels in the Brazilian Cerrado

J. T. S. Paludo, E. M. Bonfim-Silva, T. J. A. da Silva, M. D. Zanotto, W. Fenner, M. Koetz.....2069

Belowground Carbon and Nitrogen on a Thinned and Un-Thinned Seasonally Dry Tropical Forest

D. do Nascimento Aquino, E. M. de Andrade, A. D. de Almeida Castanho, L. R. Pereira Júnior,
H. A. de Queiroz Palácio.....2083

A Proposal of Oat Productivity Simulation by Meteorological Elements, Growth Regulator and Nitrogen

A. Marolli, J. A. G. da Silva, O. B. Scremin, R. D. Mantai, A. P. B. Trautmann, Â. T. W. de Mamann,
R. Carbonera, A. R. Kraisig, C. A. M. B. Krüger, E. G. Arenhardt.....2101

DNA Fingerprinting of Essential Commercialized Medicinal Plants from Pakistan

W. Ahmad, K. Muhammad, A. Hussain, H. Ahmad, K. Kahn, I. A. Qarshi, K. I. Shinwari, M. S. Nadeem,
Y. X. Que, A. Khan, J. Iqbal.....2119

Productivity and Water-Use Efficiency of Sorghum in Rainfed Regime in the Semi-Arid Region of Brazil

E. de Oliveira Feitosa, A. F. B. Araújo, C. M. B. Oliveira, F. B. Lopes, E. M. de Andrade.....2133

Study on Diversity of Undergrowth Plant Community in Cibagou Nature Reserve

W. Wang, Z. Xing, W. B. Li, X. L. Yang.....2149

Effect of Intercropping of Legumes and Rates of Nitrogen Fertilizer on Yield and Yield Components of Maize (*Zea mays* L.) at Arba Minch

E. Takele, Z. Mekonnen, D. Tsegaye, A. Abebe.....2159

Micropropagation of Carob (*Ceratonia siliqua* L.) through Adventitious Buds of Immature Embryonic Cotyledons

B. El Bouzdoudi, R. Saïdi, Z. N. El Ansari, M. L. El Kbiach, P. Martin, A. Badoc, A. Lamarti.....2180

Essential Oils from *Mentha piperita*, *Cymbopogon citratus*, *Rosmarinus officinalis*, *Peumus boldus* and *Foeniculum vulgare*. Inhibition of Phospholipase A₂ and Cytotoxicity to Human Erythrocytes

D. A. de Carvalho Selvati Rezende, M. das Graças Cardoso, R. V. Souza, M. L. Teixeira, R. M. Brandão, V. R. F. Ferreira, J. O. Nogueira, M. L. Magalhães, S. Marcussi, D. L. Nelson.....2196

Integrated Nutrient Management of Safflower (*Carthamus tinctorius* L.) under Rainfed Conditions

O. Afzal, M. Asif, M. Ahmed, F. K. Awan, M. A. Aslam, A. Zahoor, M. Bilal, F. A. Shaheen, M. A. Zulfiqar, N. Ahmed.....2208

Downregulation of the DST Transcription Factor Using Artificial microRNA to Increase Yield, Salt and Drought Tolerance in Rice

A. M. Faisal, S. Biswas, T. Zerín, T. Rahman, Z. I. Seraj.....2219

***In Vitro* Propagation and Recovery of Eight Apple and Two Pear Cultivars Held in a Germplasm Bank**

A. Lizárraga, M. Fraga, J. Ascasióbar, M. L. González.....2238

Growth and Production of Hydroponic Pepper under Salt Stress and Plant Density

G. De Freitas Furtado, A. R. Cavalcante, L. H. G. Chaves, J. A. Santos Júnior, H. R. Gheyi.....2255

Florogenesis and Female Gametophyte Development in *Allium cepa* L. cv. Krishnapuram

G. V. Lakshmi, M. M. Raja, M. L. Naik, S. P. Kumar, P. S. S. V. Khan.....2268

Analysis of Adaptive Response of Maize (*Zea mays*) Varieties from DR-Congo to Water Stress

J. P. K. Tshiabukole, A. M. Kankolongo, G. P. Khonde, A. M. Djamba, R. K. Vumilia, K. Nkongolo.....2282

Evaluation of Cowpea Genotypes for Resistance to *Fusarium redolens* in Uganda

R. W. Namasaka, G. Tusiime, M. Orawu, P. Gibson, J. Nyiramugisha, R. Edema.....2296

**Analysis of Simple Sequence Repeats Information from Floral Expressed
Sequence Tags Resources of Papaya (*Carica papaya* L.)**

P. Priyanka, D. Kumar, A. Yadav, K. Yadav, U. N. Dwivedi.....2315