

Table of Contents

Volume 9 Number 7

June 2018

Initial Development of Cowpea Bean Fertilized with Natural Phosphate in the Brazilian Cerrado Soil

E. M. Bonfim-Silva, D. C. Soares, P. C. L. Silva, A. P. A. B. Damasceno,
T. J. A. da Silva, H. H. F. Sousa.....1381

Mothbean: A Potential Summer Crop for the Southern Great Plains

G. S. Baath, B. K. Northup, P. H. Gowda, K. E. Turner, A. C. Rocateli.....1391

Assessment of *Stevia rebaudiana* Bertoni Genotypes via Morpho-Agronomic Traits under Two Light Conditions

D. A. Abdulameer, M. B. Osman, Z. Sulaiman, M. R. Yusop, S. Abdullah, P. Azizi, Q. A. Muttaleb.....1403

Dry Bean Sensitivity to Group 15 Herbicides Applied Preemergence

N. Soltani, C. Shropshire, P. H. Sikkema.....1414

Control of Glyphosate-Resistant Waterhemp with Two-Pass Weed Control Strategies in Glyphosate/Dicamba-Resistant Soybean

B. K. Hedges, N. Soltani, D. C. Hooker, D. E. Robinson, P. H. Sikkema.....1424

Versatile Potentiality of Silicon in Mitigation of Biotic and Abiotic Stresses in Plants: A Review

P. Seal, P. Das, A. K. Biswas.....1433

Screening of Seed Soluble Sugar Content in Cowpea (*Vigna unguiculata* (L.) Walp)

Y. J. Weng, W. S. Ravelombola, W. Yang, J. Qin, W. Zhou, Y.-J. Wang, B. Q. Mou, A. N. Shi.....1455

Hyperspectral Imaging for Differentiating Glyphosate-Resistant and Glyphosate-Susceptible Italian Ryegrass

Y. Huang, M. A. Lee, V. K. Nandula, K. N. Reddy.....1467

The Antibacterial and Antioxidant Effect of *Salvadora persica* on Antibiotic Resistant Strains

Z. Mammad, S. Hsaine, T. Djassinra, K. Ounine.....1478

The Effects of Several Types of Induced Abiotic Stress on *Cephalaria joppensis* Germination under Controlled Conditions

M. Daklo-Keren, W. Abu-Aklin, O. Cohen, V. Berger, G. Sidan,
A. Bellalou, O. Amir-Segev, R. Hovav, S. Galili.....1486

Cotton Production Systems for Soil and Energy Conservation in Coastal Plain Soils

A. Khalilian, M. W. Marshall, P. B. Williams, J. K. Greene, P. M. Porter.....1500

Seaweeds as Biomonitoring System for Heavy Metal (HM) Accumulation and Contamination of Our Oceans

V. van Ginneken, E. de Vries.....1514

Character Association Studies in Groundnut (*Arachis hypogaea* L.)

O. J. Olasan, C. U. Aguoru, L. O. Omoigui, E. J. Ekefan.....1531

Population Fluctuation and Vertical Distribution of the Soybean Looper (*Chrysodeixis includens*) in Soybean Culture

D. Zulin, C. J. Ávila, E. C. Schlick-Souza.....1544

Effect of Elevated Air Temperature and Carbon Dioxide Levels on Dry Season Irrigated Rice Productivity in Bangladesh

M. Maniruzzaman, J. C. Biswas, M. B. Hossain, M. M. Haque, U. A. Naher,
A. K. Choudhury, S. Akhter, F. Ahmed, R. Sen, S. Ishtiaque, M. M. Rahman, N. Kalra.....1557

Beans with Benefits—The Role of Mungbean (*Vigna radiata*) in a Changing Environment

L. Pataczek, Z. A. Zahir, M. Ahmad, S. Rani, R. Nair, R. Schafleitner, G. Cadisch, T. Hilger.....1577