

CONTENTS

Volume 32 Number 1 2017

Articles

- Heritability of agronomic traits correlated with reduced stink bug damage in an $F_{2:3}$ soybean population derived from IAC-100
Michelle Da Fonseca Santos, Milene Möller, Steven J. Clough, and José Baldin Pinheiro 1
- Improving fertilizer recommendations for Nepalese farmers with the help of soil-testing mobile van
Sunil Pandey, Netra Prasad Bhatta, Prakash Paudel, Rajan Pariyar, Kiran Hari Maskey, Janardan Khadka, Tuk Bahadur Thapa, Balaram Rijal, and Dinesh Panday 19
- Field evaluation and break-even analysis of specialty soybeans for biodiesel and meal protein production
Bryan Stobaugh, Pengyin Chen, Luciano M Jaureguy, Liliana Florez-Palacios, Moldir Orazaly, and Ailan Zeng 33
- Nitrogen Fixation Establishment during Initial Growth of Grain Legume Species
Deepti Pradhan, Thomas R. Sinclair, and Khadijeh Alijani 50
- Development and Molecular Characterization of Wheat-*Aegilops peregrina* Introgression Lines with Resistance to Leaf Rust and Stripe Rust
Deepika Narang, Satinder Kaur, Jyoti Saini, and Parveen Chhuneja 59
- Confirmation of SSR Markers and QTL for Seed Calcium Content and Hardness of Soybean
M. Orazaly, P. Chen, B. Zhang, L. Florez-Palacios, and A. Zeng 71
- Agronomic and economic performance of seed yam production using minisetts in the middle belt of Nigeria
Stephen Morse and Nora McNamara 90
- Sweet Potato Weevil Damage, Production Constraints, and Variety Preferences in Western Tanzania: Farmers' Perception
Filson Kagimbo, Hussein Shimelis, and Julia Sibiya 107
- Effects of Weed-Free Periods on Organic Romaine Lettuce Production
Sarah Parry and Anil Shrestha 124

Volume 32 Number 2 2018

Articles

- Tree legumes-temperate grass agroforestry system effects on inorganic soil nitrogen as ecosystem services provision for smallholder farming systems in South Africa
Bonginkosi E. Mthembu, Colin S. Everson, and Terry M. Everson 141
- Stem growth during seed production in soybean: Implications for pod yield
Anne B. Alerding, Matthew R. Waalkes, Emily S. Hill, Richard A. Rowe, and Garrett Parsons 156
- Diversity among Turkish maize landraces based on protein band analyses and kernel biochemical properties
Emine Ünlü, Ersen Mutlu, Mikail Polat, Samet Çeri, and Fatih Kahrıman 175

(Continues on next page)

(Continues from previous page)

Natural silicates mixed with organic fertilizers enhance corn adaptation to salt stress and improve physical characteristics of sandy soil <i>Natalia V. Zaimenko, Nataliya P. Didyk, Nataliia A. Pavliuchenko, Bogdana O. Ivanytska, Iryna P. Kharytonova, and Nadiya V. Rositska</i>	188
Anti-nutrient analysis of 30 Bambara groundnut (<i>Vigna subterranea</i>) accessions in South Africa <i>Amara Evangeline Unigwe, Enrico Doria, Patrick Adebola, Abe. S Gerrano, and Michael Pillay</i>	208
Comprehensive SAS code for computing several selection indices <i>Mohammadreza Shiri and Laleh Ebrahimi</i>	225
Response of carbon isotope discrimination and oxygen isotope composition to mild drought in slow- and fast-wilting soybean genotypes <i>Hua Bai and Larry C Purcell</i>	239
Diallel analysis for aflatoxin accumulation and fall armyworm leaf-feeding damage in maize <i>W. Paul Williams, Gary L. Windham, Gerald A. Matthews, and Paul M. Buckley</i>	254
Evaluation of high-oil and high-protein soybean using component pricing <i>Xinying Xing, Michael Popp, Pengyin Chen, Pedro Manjarrez-Sandoval, and Edward Gbur</i>	264
Inheritance of limited-transpiration trait in peanut: an update <i>Thomas R. Sinclair, Deepti Pradhan, and Avat Shekoofa</i>	281