

## CONTENTS

**Volume 31 Number 3 2017**

### Articles

- Plastic mulch and indigenous microorganism effects on yield and yield components of cauliflower and tomato in inland and coastal regions of Bangladesh  
*Zannatul Ferdous, Avishek Datta, and Mazharul Anwar* 261
- Control of common bacterial blight disease of cowpea (*Vigna unguiculata* [L.] Walp) with certain plant extracts in Abeokuta, Nigeria  
*S. A. Ganiyu, A. R. Popoola, O. F. Owolade, and K. A. Fatona* 280
- Understanding smallholder farmers' access to maize seed and seed quality in the drought-prone Central Rift Valley of Ethiopia  
*Bedru Beshir Abdi and Yoshiaki Nishikawa* 289
- Micronutrient supply through granular-coated single superphosphate under field conditions  
*Fernando C. Bachiega Zambrosi and José A. Quaggio* 311
- Seed producer cooperatives in the Ethiopian seed sector and their role in seed supply improvement: A review  
*Dawit Tsegaye Sisay, Frans J. H. M. Verhees, and Hans C. M. van Trijp* 323
- Gamification of farmer-participatory priority setting in plant breeding: Design and validation of "AgroDuos"  
*Jonathan Steinke and Jacob van Etten* 356
- Towards effective soybean seed systems in Benin: Current situation and prospects for production and delivery of good quality seed  
*Mathieu Anatole Tele Ayenan, Patrice Lagnon Sèwadé, and Sègbégnon Martin Agboton* 379
- Assessing water-related plant traits to explain slow-wilting in soybean PI 471938  
*Laleh Bagherzadi, Thomas R. Sinclair, Maciej Zwieniecki, Francesca Secchi, William Hoffmann, Thomas E. Carter, and Thomas W. Rufty* 400
- Genetic analysis of important antioxidant compounds in cabbage (*Brassica oleracea* var. *capitata* L.)  
*Chander Parkash, Sandeep Kumar, Nisha Thakur, Satish Kumar, S. S. Dey, Reeta Bhatia, M. R. Dhiman, V. K. Sharma, and Raj Kumar* 418
- Evaluating smallholder farmers' demand for rice variety attributes in Nepal  
*Uttam Khanal, Ananda Adhikari, and Clevo Wilson* 438

**Volume 31 Number 4 2017**

### Articles

- Genome editing in crop improvement: Present scenario and future prospects  
*Gurbachan S. Miglani* 453
- Genetic analysis of early-maturing maize (*Zea Mays* L.) inbred lines under stress and nonstress conditions  
*Edna K. Mageto, Dan Makumbi, Kiarie Njoroge, and Richard Nyankanga* 560

<i>Solanum habrochaites</i> introgression line grafted as rootstock in cultivated tomato maintains growth and improves yield under cold and drought stresses <i>Damodar Poudyal, Muhanad Akash, Laxman Khatri, Deepa Singh Shrestha, and Ralf Uptmoor</i>	589
Acceptance and competitiveness of new improved wheat varieties by smallholder farmers <i>Krishna D. Joshi, Attiq U. Rehman, Ghullam Ullah, Mian F. Nazir, Mahreen Zahara, Jamil Akhtar, Muhammad Khan, Amanullah Baloch, Jaleelullah Khokhar, Ehsan Ellahi, Attaullah Khan, Muhammad Suleman, and Muhammad Imtiaz</i>	608
Fidelity of a simple Liberty leaf-painting assay to validate transgenic maize plants expressing the selectable marker gene, <i>bar</i> <i>K. Rajasekaran, R. Majumdar, C. Sickler, Q. Wei, J. Cary, and D. Bhatnagar</i>	628