

# Table of Contents

**Volume 9    Number 11**

**October 2018**

## **Succinic Acid Production across Candidate Lignocellulosic Biorefinery Feedstocks**

Y. F. Xu, J. L. Foster, J. P. Muir, B. L. Burson, R. W. Jessup.....2141

## **Phenotyping of Hybrid Maize (*Zea mays* L.) at Seedling Stage under Drought Condition**

S. Aktar, N. Hossain, M. G. Azam, M. Billah, P. L. Biswas, M. A. Latif, M. Rohman, S. A. Bagum,  
M. S. Uddin.....2154

## **Development of Hydropriming Techniques for Sowing Seeds of Upland Rice in Uganda**

Y. Nakao, G. Asea, M. Yoshino, N. Kojima, H. Hanada, K. Miyamoto, S. Yabuta,  
R. Kamioka, J. Sakagami.....2170

## **A Phenotyping Protocol for Detailed Evaluation of Apple Root Resistance Responses Utilizing Tissue Culture Micropropagated Apple Plants**

Y. M. Zhu, M. Saltzgeber, J. X. Zhao.....2183

## **Markers for Rapid Evaluation of Virus Resistance for TYLCV in Tomato, ZYMV and PRSV-W in Zucchini and LMV in Lettuce and Hybrid Seeds in Pumpkin**

H. E. Sawazaki, V. A. Yuki, M. R. A. Ortiz, W. H. Banja, J. M. Marubayashi, K. S. Fonseca, G. A. Luchini,  
R. G. Perroni, W. M. O. Andrade.....2205

## **Evaluation of Pear Varieties for Physiochemical Traits Grown under Climatic Conditions of Soon Valley, Pakistan**

M. M. Abbas, H. Faiz, M. M. Aziz, S. Rashid, H. Ullah, R. Qadri, M. Azam.....2217

## **Effects of Fermented Nori (*Pyropia yezoensis*) Seaweed Liquid Fertilizers on Growth Characteristics, Nutrient Uptake, and Iodine Content of Komatsuna (*Brassica rapa* L.) Cultivated in Soil**

S. M. Moh, K. Moe, Y. Obo, S. Obo, A. Z. Htwe, T. Yamakawa.....2227

## **Cloning and Expression Analysis of RrG-Beta1 Gene Related to Signal Transduction in *Rosa rugosa***

Y. N. Wang, M. Y. Zhao, X. Han, L. Y. Zhao, Z. D. Xu.....2244

## **Expression of a Rice Chitinase Gene Enhances Antifungal Response in Transgenic Litchi (cv. Bedana)**

D. K. Das, A. Rahman.....2256

## **Forecast of Maize Production in Henan Province**

B. J. Li, X. X. Zhu.....2276

**Effect of Varied Irrigation Scheduling with Levels and Times of Nitrogen Application on Yield and Water Use Efficiency of Aerobic Rice**

M. M. Keerthi, R. Babu, N. S. Venkataraman, E. Subramanian, K. Kumutha.....2287

**Influence of Irrigation Scheduling with Levels and Times of Nitrogen Application on Root Growth of Aerobic Rice**

M. M. Keerthi, R. Babu, N. S. Venkataraman, P. P. Mahendran.....2297

**Interaction of the Bioherbicide *Myrothecium verrucaria* with Technical-Grade Glyphosate on Glyphosate-Susceptible and -Resistant Palmer Amaranth**

R. E. Hoagland, C. D. Boyette, R. H. Jordan, K. C. Stetina.....2306

**Interaction of Glufosinate and *Colletotrichum truncatum* on Ammonia Levels and Glutamine Synthetase Activity in Hemp Sesbania**

R. E. Hoagland, C. D. Boyette, R. H. Jordan, K. C. Stetina.....2320