Contents

International Journal of Agriculture, Environment and Biotechnology

VOL. 11, NO. 5, OCTOBER 2018

ENVIRONMENTAL SCIENCE

A Study on Environmental Sustainability Index of Vegetable Farming in Himachal Pradesh	713
Surinder Singh and B.S. Hansra	
ANIMAL HUSBANDRY	
Single Cell Proliferation to Produce Monoclonal Population of Transfected Caprine Fibroblast Cell	719
Sudhir Kumar Jain, Hemlata Jain, Bikash Chandra Sarkhel and Akhilesh Kumar Pandey	
GENETICS AND PLANT BREEDING	
Diversity in Sesame Accessions	725
Adil Iqbal, Pradip Kumar Pati, Rumana Akhtar, Tamina Begum and Tapash Dasgupta	
Genetic Diversity and Population Structure of <i>Pinus kesiya</i> through Trans-specific Amplification of Nuclear SSR Markers	733
Kirti Chamling Rai, H.S. Ginwal and Romeet Saha	
MICROBIOLOGY	
Energy Inputs and Yield Relationship in Greenhouse Okra Production by Bio-priming	741
Sumita Pal and H.B. Singh	
Micronutrients Status Under Different Tree Species Plantations in Entisol Soil and its Relationship with AMF Root Colonization	747
Atul Kumar Bhardwaj and K.K. Chandra	
AGRONOMY	
Impact of Zinc and Iron Ferti-Fortification on Leaf Area Index, Kernel Yield, Shelling Percentage and Iron Uptake of Groundnut (<i>Arachis hypogaea</i> L.) Genotypes	755
Sai Surya Gowthami, V. and Ananda, N.	

Sai Surya Gowthami, V. and Ananda, N.

AGRICULTURE EXTENSION

A Review on Organic Farming as a Potential Sector of Agripreneurship Development among the Tribal Youth of India	761
Debashis Dash and Amardeep	
ENTOMOLOGY	
Management of Nutritional and Climatic factors for Silkworm Rearing in West Bengal: A Review	769
Kunal Sarkar	
AGRICULTURE ENGINEERING	
Evaluation of β -Carotene Content and Antioxidant Activity of Banana Peels and Banana Peel Extracted Insoluble Dietary Fibres	781
Nidhi Budhalakoti	
PLANT PHYSIOLOGY	
Impact of Plant Growth Regulators and Nutrient Consortium on Growth, Superoxide Dismutase, Na ⁺ /K ⁺ ratio and Yield of Blackgram under Salinity Stress	791
Sivakumar Rathinavelu, Jaya Priya and Nithila Sivabalan	
BIOTECHNOLOGY	
Expression of ECMYB Transcription Factor Gene Under Different Abiotic Stress Conditions in <i>Eleusine coracana</i>	799
Priya Jadhav, Prafull Salvi, Megha Bhatt and Pushpa Lohani	