



# Indian Journal of Agriculture and Allied Sciences

A Refereed Research Journal

ISSN 2395-1109

e-ISSN 2455-9709

Volume: 3, No.: 3, Year: 2017

www.mrfsw.org

## Content

Isolation of Paraquat Resistant Mutant of a Cyanobacterial Biofertilizer <i>Nostoc linckia</i> with Ability to Derepress Nitrogen Fixation under Ammonia Mediated Condition <i>Saumya Snehee and M. P. Verma</i>	1
Role of Packaging of Food Products on Consumers' Buying Behaviour: A Case Study <i>Saumya Bakshi, Harshika Choudhary, P.S. Badal, V. Kamalvanshi and O.P. Singh</i>	7
Mapping Maize Value Chain-An Analysis of Begusarai and Khagaria Districts of Bihar <i>Udhav Prasad Singh, Harshika Choudhary, P.S. Badal, O.P. Singh and Rakesh Singh</i>	13
Emerging Trends in Biotechnology for Waste Management: An Review <i>Ratnesh Kumar Rao and P.K. Sharma</i>	20
Impact of Agrochemicals on the Soil Fertility and Biodiversity of Soil Arthropods <i>Santeshwari and M. Raghuraman</i>	37
Impact of Climate Change on Crop Production <i>M. Raghuraman and Ratnesh Kumar Rao</i>	41
Critical Evaluation of Mutr Ashmari in Ayurveda <i>Sharma Dheeraj and Kumar Jitendra</i>	63
Characteristics of Poisoner ( <i>Visadaata</i> ) and Method of Administrations of Poison–A Critical Review <i>Rana Sweety and Tiwari R.C.</i>	77
Role of Stress in Women Life in the Present Era <i>Anjali Kumari, Vishal Tripathi, Ajay Pandey and Ratnesh Kumar Rao</i>	81
Cosmetological and Medicinal Importance of Aloe Vera : Review <i>Kalpana Singh and Ozair Aziz</i>	87
Anti-Diabetic Herbal Drug of Jamun ( <i>Syzygium cumini</i> ): A Review <i>Satya Prakash Chaudhary, Ratnesh Kumar Rao and Sanjeev Kumar</i>	92
Study of Effect of Ethanolic Extracts of <i>Phyllanthus amarus</i> on the Root of <i>Allium cepa</i> (L.) and <i>Allium sativum</i> (L.) <i>Jitendra Kumar and Manoj Kumar</i>	101

**ADVERTISEMENT**  
*International Conference on*  
**Agricultural, Allied Sciences & Biotechnology for  
Sustainability of Agriculture, Nutrition & Food Security**

25-26 November 2017

Venue: Mahamana Hall (Seminar Complex), Institute of Science,  
Banaras Hindu University, Varanasi-221005

*Important Date*

Abstract Submission-10<sup>th</sup> November 2017

Full Paper Submission-10<sup>th</sup> November 2017

Bio-data Submission-10<sup>th</sup> November 2017 (For Nomination of Award)

*Organized by*



**Mahima Research Foundation & Social Welfare**  
194, Karaundi, BHU, Varanasi-221005, [www.mrfsw.org](http://www.mrfsw.org)

**Conference Objectives**

1. Food, Agriculture and Environment
2. Soil, Water and Climate
3. Agrofriendly Insects and Beneficial Microbes
4. Crop Productivity and Food Security
5. Physiology and Pathology of Agricultural Crops
6. Genetics and Breeding of Commercial Crops
7. Molecular Approaches for Production and Protection of Food Crops
8. Plant Transgenics and Agricultural Genomics
9. Food Science and Food Technology
10. Postharvest Technology and Food Preservation
11. Agrowaste Management and Resource Reutilization
12. Intensification and Development of Indigenous Agriculture
13. Precision, Conservation and Sustainable Agriculture
14. The Agriculture-Food-Health Nexus
15. Technological Advances and Unique Biological Characteristics in Adapting to Environmental Stress.
16. The Role of Extension Services in Climate Change Adaptation
17. Sensor Technology and Modern Agronomic Service
18. Provision of Ecological Services-Crop Protection, Yield Stability and System Resilience.
19. Climate Change influence on Environment
20. Climate Change Impacts on Global Food Security.

**REGISTRATION DETAILS:** The Registration form along with their bank draft covering registration fee and accommodation charges (If required) should be reached before **10<sup>th</sup> Nov. 2017**.

Category	Before 10 <sup>th</sup> November 2017.	After 10 <sup>th</sup> November 2017.
<b>Indian National</b>		
<b>Institutional</b>	<b>Rs. 4000.00</b>	<b>Rs. 5000.00</b>
<b>Academician</b>	<b>Rs. 3000.00</b>	<b>Rs. 4000.00</b>
<b>Student</b>	<b>Rs. 2000.00</b>	<b>Rs. 2500.00</b>
<b>Foreign Nationals</b>	<b>US \$ 200</b>	<b>US \$ 250</b>

**MODE OF PAYMENT:** The registration fee shall be paid through Bank Draft/Cheque in favour of “**Mahima Research Foundation and Social Welfare**” payable at Varanasi, India.

**Bank Account Name:** Mahima Research Foundation and Social Welfare

**Name of Bank:** Bank of Baroda; **Branch Name:** Lanka; **Branch Code:** Lanka

**Account No.:** 19270100014186; **MICR No. of Bank:** 221012007; **IFSC Code:** BARB0LANKAX

**Contact us:** Ratnesh Kumar Rao, Org. Secretary, Mahima Research Foundation and Social Welfare, 194, Karaundi, B.H.U., Varanasi-221005, E-mail : [mrfsw\\_kvns@yahoo.com](mailto:mrfsw_kvns@yahoo.com), [mahimafound@gmail.com](mailto:mahimafound@gmail.com), Mob. : 09335094154