"Organize your Events at OMICS Group Conferences"

Proposals are invited for organizing Symposia/Workshops at OMICS Group Conferences or OMICS Group will sponsor small events at your universities in related areas under the title of your own. These proposals can be sent to respective conference mail ids or to symposia@omicsonline.org

OMICS Group Conferences
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Phone: +1-650-268-9744, Fax: +1-650-618-1414, Toll free: +1-800-216-6499
Email: agri2014@omicsgroup.net
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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</thead>
<tbody>
<tr>
<td>09:00-10:00</td>
<td>Registrations</td>
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<tr>
<td>10:00-10:20</td>
<td>Opening Ceremony</td>
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<tr>
<td>10:20-10:30</td>
<td>Introduction</td>
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<tr>
<td>10:30-10:50</td>
<td>Alluri Padma Raju</td>
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<tr>
<td></td>
<td>Acharya N. G. Ranga University, India</td>
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<tr>
<td>10:50-11:10</td>
<td>Mohan Kanda</td>
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<td>Former Chief Secretary of Andhra Pradesh, India</td>
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<td>11:20-12:20</td>
<td>E. A. Siddiq</td>
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<td>Acharya N. G. Ranga University, India</td>
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<tr>
<td>12:20-12:40</td>
<td>John Ryan</td>
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<td>International Center for Agricultural Research in the Dry Areas, Syria</td>
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<tr>
<td>12:40-13:00</td>
<td>Shiv Kant Shukla</td>
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<td>Biotech Consortium India Limited (BCIL), India</td>
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<tr>
<td>14:00-15:00</td>
<td>Workshop</td>
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<tr>
<td>14:00-14:15</td>
<td>In vitro propagation using bioreactors and clonal fidelity of micropropagated plants</td>
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<tr>
<td>14:15-14:30</td>
<td>Detection of adulteration/substitution of herbs-A quality control perspective for herbal Industries</td>
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<td>15:00-15:15</td>
<td>The Biology, utilization and phytochemical composition of the fruits and leaves of Gongronema latifolium Benth</td>
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<tr>
<td>15:15-15:30</td>
<td>Assessment of protective antioxidant mechanisms in some ethno medicinally important wild edible fruits of Odisha, India</td>
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<td>15:30-15:45</td>
<td>Effect of inorganic and biofertilizer on growth, and yield of Garlic (Allium sativum L.)</td>
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<td>16:00-16:15</td>
<td>Standardization of suitable invigouration treatment for seed quality enhancement in Davana (Artemisia pallens Wall. ex D.C)</td>
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<td>16:15-16:30</td>
<td>Genetic variability for yield components of Chilli</td>
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<td>16:30-16:45</td>
<td>Effect of different plant densities on leaf and gel yield of Aloe barbadensis</td>
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<tr>
<td>16:45-17:00</td>
<td>Effect of date of sowing and nitrogen on growth and yield of Isabgol (Plantago ovata)</td>
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<tr>
<td>17:00-17:15</td>
<td>Economic viability of medicinal plants cultivation in tree based intercropping systems under dryland conditions</td>
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<tr>
<td>17:15-17:30</td>
<td>Ethnomedicines and vegetational pattern of Almakur forest division of Andhra Pradesh: Strategy for conserving biodiversity of medicinal plants</td>
</tr>
<tr>
<td>17:30-17:45</td>
<td>Biostatistical methods and their application in analysis and interpretation of experimental data</td>
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<td></td>
<td>Irfan Ali Khan, Nawab Shah Alum Khan Centre for Post Graduate Studies and Research, India</td>
</tr>
</tbody>
</table>
Track 4: Crop Protection and Management

Session Chair: Amitava Basu, Bidhan Chandra Krishi Viswavidyalaya, India
Session Co-Chair: Shashi Vemuri, Acharya N. G. Ranga Agricultural University, India

14:30-14:45
Title: Variability in Alternaria solani causing frequent outbreak of Early blight disease being a major constraint in Potato production in the plains of West Bengal
Amitava Basu, Bidhan Chandra Krishi Viswavidyalaya, India

14:45-15:00
Title: Sclerotinia stem rot: A threat to Brassica cultivation
Pankaj Sharma, Directorate of Rapeseed-Mustard Research (ICAR), India

15:00-15:15
Title: Integrated pest management of Banana rust thrips, Chaetanothrips signepennis
Sushil Saxena, Navsari Agricultural University, India

15:15-15:30
Title: Evaluation of new molecules for management of stem borers on Sugarcane
A Padmasri, Acharya N. G. Ranga Agricultural University, India

15:30-15:45
Title: Bio-efficacy of Beauveria bassiana (Balsamo) Vulllemin against Helicoverpa armigera (Hubner) infesting pigeonpea
Mitul Karkar, Junagadh Agricultural University, India

Coffee Break 15:45-16:00

Track 5: Agronomy and Soil Sciences
Track 12: Agricultural Extension

Session Chair: John Ryan, International Center for Agricultural Research in the Dry Areas (ICARDA), Syria
Session Co-Chair: V. Praveen Rao, Acharya N. G. Ranga Agricultural University, India

Day 2
February 04, 2014

Azure 1

Session Introduction

10:30-10:45
Title: Exploitation of heterosis for various yield attributes in Rice (Oryza sativa L.) under coastal saline soils
M. Sudha Rani, Acharya N. G. Ranga Agricultural University, India

10:45-11:00
Title: Sustainable rice production through system of rice intensification- long term experiences in rice-rice system
R Mahender Kumar, Directorate of Rice Research, India

11:00-11:15
Title: Variability in Alternaria solani causing frequent outbreak of Early blight disease being a major constraint in Potato production
R Mahender Kumar, Directorate of Rice Research, India

11:15-11:30
Title: Environmental impacts of nutrient recycling and adaptation strategies for integrated nutrient management
K. Jeevan Rao, Acharya N. G. Ranga Agricultural University, India

11:30-11:45
Title: Runoff, soil-nutrients losses through runoff and crop productivity as influenced by crop covers in vertisols of central India
R. K. Singh, Indian Institute of Soil Science, India

Coffee Break 10:30-10:45
11:00-11:15 Title: Impact of tannery effluent irrigation on heavy metal build up in soil and ground water in Kanpur
M L Dotaniya, Indian Institute of Soil Science, India

11:15-11:30 Title: Agro-Nanotechnology- A conceptual revolution in agriculture and allied sciences
T. N. V. K. V. Prasad, Acharya N. G. Ranga Agricultural University, India

11:30-11:45 Title: Quantification of contribution of Azotobacter for reducing the requirement of nitrogen fertilizer in potato production in mid hills of Himachal Prades
M K Jatav, Central Institute for Arid Horticulture, India

11:45-12:00 Title: Aerobic rice-An alternative cultivation method for water constrained Rice environments
B. Sreedevi, Directorate of Rice Research, India

12:00-12:15 Title: Performance of Bt Cotton hybrids to plant population and soil types under rainfed condition
Rajeshwar Malavath, Acharya N. G. Ranga Agricultural University, India

12:15-12:30 Title: ICTs in Indian agriculture: A case study
C. D. Autade, CCS Haryana Agricultural University, India

12:30-12:45 Title: Agricultural based enterprise skills for women farmers: Suitable extension strategies
Amtul Waris, Directorate of Rice Research, India

12:45-13:00 Title: Plant response and adaptation to abiotic stress
Sukiasyan Astghik, State Engineering University of Armenia (Polytechnic), Armenia

Lunch Break 13:00-13:45

13:45-14:00 Title: Agronomic biofortification of zinc in basmati rice cultivars grown in soils of divergent characteristics
V. Girija Veni, Central Research Institute for Dryland Agriculture (CRIDA), India

14:00-14:15 Title: Evaluation of genotypic variation in Rice for nitrogen use efficiency under irrigated system
K. Surekha, Directorate of Rice Research, India

Track 10: Sustainable Practices for Agriculture
Session Chair: Rakesh S. Chandran, West Virginia University, USA
Session Co-Chair: Dalbir Singh, Institute of Development Studies, India

14:15-14:30 Title: Chenopods-the answer to future food security
Atul Bhargava, Amity University, India

14:30-14:45 Title: A comparative study of GIS based NRCS-CN and artificial neural network techniques for rainfall-runoff modelling
Mahesh K. Jat, Malaviya National Institute of Technology, India

14:45-15:00 Title: Stabilization of organic carbon stock in biodegradable solid waste through vermicomversion
Satya Sundar Bhattacharya, Tezpur University, India

15:00-15:15 Title: Characterization of Burkholderia spp. strains capable of solubilizing both P and Zn
Minakshi Grover, Central Research Institute for Dry Land Agriculture (CRIDA), India

15:15-15:30 Title: Managing land and water resources for climate change adaptation and mitigation in arid agriculture
Dalbir Singh, Institute of Development Studies, India

15:30-15:45 Title: Fallacies’ in studies of global warming vs agriculture
S. Jeewananda Reddy, Andhra Pradesh Akademy of Sciences, India

Coffee Break 15:45-16:00

16:00-16:15 Title: Rainwater harvesting and recycling for augmenting production under rainfed conditions in red soils of Central India
Dev Narayan, Central Soil & Water Conservation Research & Training Institute, India

16:15-16:30 Title: Rhizosphere microbial dynamics under organic versus inorganic fertilization in open field gerbera
Rokholihu Keditsu, Nagaland University, India

16:30-16:45 Title: A constraints analysis of organic farming systems in Bagalkot district of Karnataka
Vijayachandra Reddy, National Academy of Agricultural Research Management (NAARM), India

16:45-17:00 Title: Influence of farm management practices on soil bacterial community structure and function
Malik Ahmed Pasha, University of Agricultural Sciences, India

17:00-17:15 Title: Analysis of the factors determining productivity in small-scale irrigation schemes. A Zimbabwean case study
Langelihle Ndlovu, University of Venda, South Africa

17:15-17:30 Title: Horticulture for natural resource conservation and sustainable rural livelihoods-An adaptation and mitigation strategy to combat climate change scenarios in Indian drylands
N. Narayana Reddy, Central Research Institute for Dry Land Agriculture (CRIDA), India

17:30-17:45 Title: Herbicide banding in Zea mays- A sustainable weed management practice?
Rakesh S. Chandran, West Virginia University, USA

17:45-18:00 Title: Wheat genetic resources and their exploitation for sustainable food security in India
Sanjay Singh, Directorate of Wheat Research, India

18:00-18:15 Title: Physiological effects of bioinoculant (Novocab) on growth and yield of yield of Cowpea
P. Jeyakumar, Tamil Nadu Agricultural University, India

18:15-18:30 Title: Mitigating water stress for future climate change in Rice
P. Senguttuvan, Directorate of Rice Research, India

Track 8: Agricultural Economics and Agribusiness
Session Chair: V C Pande, Central Soil & Water Conservation Research & Training Institute, India
Session Co-Chair: Phineas K Chauke, University of Venda, South Africa

Title: Physical and social factors in management of community owned water storage structures in Gujarat: An institutional analysis of local governance
V C Pande, Central Soil & Water Conservation Research & Training Institute, India
Title: Socio-economic study of informal sources of finance in aiding climate change adaptation among crop farmers in Enugu state, Nigeria
Ikechi Agbugba, University of Nigeria, Nigeria

Title: An assessment of survivalist enterprises: A case study of the Capricorn district municipality, South Africa
Phineas K Chauke, University of Venda, South Africa

Coffee Break 10:45-11:00

Title: Analysis of growth and instability in production of major rainfed crops in Andhra Pradesh
Josily Samuel, Central Research Institute for Dry Land Agriculture (CRIDA), India

Title: Determinants of access to farm credit by emerging farmers in rural South Africa
Wilson Chivenge, University of Venda, South Africa

Title: Impact of public expenditure on agricultural growth and food security: The case of South Africa
Timothy Manyise, University of Venda, South Africa

Title: Community approach in rural development: Changing paradigms
Ruchi Singh, Nanaji Deshmukh Veterinary Science University, India

Title: Effect of using distillers dried grains with solubles levels incorporated with or without enzyme on some productive performance of growing chicks
Shaker. A. Abd El-Latif, Minia University, Egypt

Title: Yield gaps analysis of Sugarcane in Maharashtra (India)
Tai Deokate, Mahatama Phule Krishi Vidyapeeth, India

Title: Narrowing the yield gaps for profitable Rice production
B. Nirmala, Directorate of Rice Research, India

Lunch Break 12:45-13:45

Track 7: Agricultural Engineering and Technology
Session Chair: Hifjur Raheman, Indian Institute of Technology Kharagpur, India
Session Co-Chair: Manoj Karkee, Washington State University, USA

Session Introduction

13:45-14:00
Title: Performance and emissions of a bio-electricity generating system
Hifjur Raheman, Indian Institute of Technology Kharagpur, India

14:00-14:15
Title: Apple crop load estimation with over-the-row machine vision system
Manoj Karkee, Washington State University, USA

14:15-14:30
Title: Thermal activation of charcoal produced from pigeonpea stalk
Sandip Gangil, Central Institute of Agricultural Engineering, India

14:30-14:45
Title: Management of shoot borers in Sugarcane through integrated approach
A Padmasri, Acharya N. G. Ranga Agricultural University, India

14:45-15:00
Title: Soil moisture uptake under different salinity levels for paddy crop
C. P. Devatha, National Institute of Technology Raipur, India

15:00-15:15
Title: SARIMA model for generation and forecasting of Pomegranate (Punica granatum L.) Evapotranspiration of Solapur district of Maharashtra, India
Deodas T. Meshram, National Research Centre on Pomegranate, India

15:15-15:30
Title: Simultaneous blanching and drying of button Mushroom (Agaricus Bisporus) using microwave enhanced hot air heating system
Ipsita Das, Indian Institute of Technology Bombay, India

15:30-15:45
Title: Runoff estimation using modified SCS CN model coupled with GIS for Nethravathi river basin of India
R. Rejani, Central Research Institute for Dryland Agriculture (CRIDA), India

Coffee Break 15:45-16:00

16:00-16:15
Title: Almond quality as influenced by microwave treatment for disinfestations
Harshala Patil, Indian Institute of Technology Bombay, India

16:15-16:30
Title: Model parameterization using watershed geomorphology
Dilip G. Durbude, National Institute of Hydrology, India

16:30-16:45
Title: Banana fibre extraction: Problems and prospects for machine development
Laxmikanta Nayak, National Institute of Research on Jute & Allied Fibre Technology, India

16:45-17:00
Title: Evaluation and application of DSSAT- Rice model to irrigated ecosystem
B. Saija, Directorate of Rice Research, India

Poster Presentations
10:50-11:50 Poster No. 001 - 020
12:00-13:00 Poster No. 021 - 040
14:00-15:00 Poster No. 041 - 060
16:00-17:00 Poster No. 061 - 080

Track 9: Horticulture and Floriculture
Session Chair: Devi Prasad Juvvadi, Centre for Good Governance, India
Session Co-Chair: R. Nagarijuna Kumar, Central Research Institute for Dry Land Agriculture (CRIDA), India

Session Introduction

10:00-10:15
Title: Evaluation of intergeneric hybrid progenies of papaya for PRSV tolerance and fruit quality
C. Vasugi, Indian Institute of Horticultural Research, India

10:15-10:30
Title: Pre-harvest fruit bagging: As eco-friendly approach for protection, colour, quality and reducing storage disorders in Apple
R. R. Sharma, Indian Agricultural Research Institute, India
<table>
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<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>10:30-10:45</td>
<td>Title: Value chain analysis of fresh vegetables in Medak district of Andhra Pradesh</td>
<td>Devi Prasad Juvvadi, Centre for Good Governance, India</td>
</tr>
<tr>
<td>10:45-11:00</td>
<td>Title: Fresh cut fruits and vegetables for ready to cook and eat</td>
<td>Bhuwaneswar S, Indian Institute of Horticultural Research, India</td>
</tr>
<tr>
<td>11:00-11:15</td>
<td>Title: Identification of Pomegranate Orchard using combination of image analysis techniques</td>
<td>R. Nagajuna Kumar, Central Research Institute for Dry Land Agriculture (CRIDA), India</td>
</tr>
<tr>
<td>11:15-11:30</td>
<td>Title: Organic coatings as a short term intervention for extending shelf life of fruits / vegetables</td>
<td>P C Sarkar, Indian Institute of Natural Resins &amp; Gums, India</td>
</tr>
<tr>
<td>11:45-12:00</td>
<td>Title: Ornamental plants and their role in human psychology</td>
<td>Venkatesh Devanur, AgriLife, India</td>
</tr>
<tr>
<td>12:00-12:15</td>
<td>Title: Influence of postharvest application of salicylic acid on ripening and quality of ‘Santa Rosa’ plums</td>
<td>Varun Aimingad, University of Horticultural Sciences, India</td>
</tr>
<tr>
<td>12:15-12:30</td>
<td>Title: 1-MCP, a novel plant growth regulator for regulation of ripening</td>
<td>Swwati Sharma, Indian Agricultural Research Institute, India</td>
</tr>
<tr>
<td>12:30-12:45</td>
<td>Title: Genetic correlation studies in Heliconia genotypes</td>
<td>Vijay Rakesh Reddy S, Indian Agricultural Research Institute, India</td>
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<tr>
<td>12:45-13:00</td>
<td>Title: Regeneration complexities of Pinus gerardiana in dry temperate forests of Indian Himalaya</td>
<td>Pavan Kumar P, Indian Agricultural Research Institute, India</td>
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<tr>
<td>13:00-14:00</td>
<td>Lunch Break</td>
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<tr>
<td>14:00-14:15</td>
<td>Title: Factors affecting the activity of pollinating weevil, Elaeidobius kamerunicus Faust. in irrigated oil palm plantations</td>
<td>L. Saravanan, Directorate of Oil Palm Research, India</td>
</tr>
<tr>
<td>14:15-14:30</td>
<td>Title: Morphological characterization of chrysanthemum genotypes based on qualitative traits</td>
<td>Sreedevi Shankar K, Central Research Institute for Dryland Agriculture (CRIDA), India</td>
</tr>
<tr>
<td>14:30-14:45</td>
<td>Title: Trifloxystrobin induced changes in the postharvest behaviour of Tomato fruits</td>
<td>Bhupinder Thakur, Dr. Y S Parmar University of Horticure and Forestry, India</td>
</tr>
<tr>
<td>14:45-15:00</td>
<td>Title: Abundance of major insect-pests of Indian bean in relation to major weather factors</td>
<td>P. Leykumar, Tamil Nadu Agricultural University, India</td>
</tr>
<tr>
<td>15:00-15:15</td>
<td>Title: Unreaped yield potential in Cotton in India</td>
<td>Sushil Saxena, Navsari Agricultural University, India</td>
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</table>

**Track 3: Plant Biochemistry and Physiology**

**Session Chair:** Anoop Kumar Shrivastava, National Research Centre for Citrus, India

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<tr>
<th>Time</th>
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<th>Speaker</th>
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<tbody>
<tr>
<td>15:15-15:30</td>
<td>Title: Nutrient dynamics in Citrus: Recent developments</td>
<td>Anoop Kumar Shrivastava, National Research Centre for Citrus, India</td>
</tr>
<tr>
<td>15:30-15:45</td>
<td>Title: Molecular basis of Maize differential resistance to herbicides</td>
<td>Agata Tyczewska, Polish Academy of Sciences, Poland</td>
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**Coffee Break 15:45-16:00**

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<th>Time</th>
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<th>Speaker</th>
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<tbody>
<tr>
<td>16:00-16:15</td>
<td>Title: Effect of phosphate solubilizing bacteria on physico-chemical quality of organically grown spinach crop</td>
<td>Sreedevi Shankar K, Central Research Institute for Dryland Agriculture (CRIDA), India</td>
</tr>
<tr>
<td>16:15-16:30</td>
<td>Title: Effect of diesel oil pollution on biomass parameters of plants (Glycine max L., Vigna subterranea L. verdc. and Zea mays L.) in sandy loam soil</td>
<td>Homero Ramirez, Universidad Autonoma Agraria Antonio Narro, Mexico</td>
</tr>
<tr>
<td>16:30-16:45</td>
<td>Title: Inducing systemic resistance in plant using silica solubilising bacteria</td>
<td>Dakshinath Thakur, Indian Agricultural Research Institute, India</td>
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</tbody>
</table>

**Track 1: Crop Breeding and Genetics**

**Session Chair:** Nnadozie Oraguzie, Washington State University, USA
**Session Co-Chair:** Sanjay Singh, Directorate of Wheat Research, India

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<th>Time</th>
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<tbody>
<tr>
<td>10:00-10:15</td>
<td>Title: Beyond QTL discovery to routine marker assisted breeding in sweet cherry</td>
<td>Nnadozie Oraguzie, Washington State University, USA</td>
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<tr>
<td>10:15-10:30</td>
<td>Title: Prohexadione-Ca reduces plant height, improves yield and fruit quality on tomato and hot pepper crops</td>
<td>Homero Ramirez, Universidad Autonoma Agraria Antonio Narro, Mexico</td>
</tr>
<tr>
<td>10:30-10:45</td>
<td>Title: Comparing differential response of Lentil (Lens culinaris Medik) genotypes to aluminium toxicity in hydroponic and soil culture experiments</td>
<td>Bhupinder Thakur, Indian Agricultural Research Institute, India</td>
</tr>
<tr>
<td>10:45-11:00</td>
<td>Title: Developing hybrid wheat for yield enhancement under Indian conditions</td>
<td>Sanjay Singh, Directorate of Wheat Research, India</td>
</tr>
<tr>
<td>11:00-11:15</td>
<td>Title: Chemical and biological management of wilt and root rot of Chickpea</td>
<td>BMK Raju, Central Research Institute for Dry Land Agriculture (CRIDA), India</td>
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<tr>
<td>11:15-11:30</td>
<td>Title: Unreaped yield potential in Cotton in India</td>
<td>BMK Raju, Central Research Institute for Dry Land Agriculture (CRIDA), India</td>
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**Coffee Break 11:30-11:45**

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<tr>
<td>11:45-12:00</td>
<td>Title: Induction of cold tolerance in Rice (Oryza sativa L.) during seeding stage</td>
<td>M. Sudha Ranj, Acharya N. G. Ranga Agricultural University, India</td>
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<tr>
<td>Time</td>
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<td>12:00</td>
<td>Title: Impact of low temperature stress on pollen behaviour in rabi Sorghum</td>
<td>P. Sanjana Reddy</td>
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<td>12:15</td>
<td>Title: Viral suppressors of RNAi: Assay and functional analysis</td>
<td>Neeti Sanan Mishra</td>
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<td>12:30</td>
<td>Title: Indigenous land races of Mungbean and Urdbean as potential donors for pulse improvement for tropical Bay island conditions</td>
<td>Anwinder Kumar Singh</td>
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<tr>
<td>12:45</td>
<td>Title: Development of stable Thebaine rich lines in Opium poppy (P. somniferum L.)</td>
<td>Sudhir Shukla</td>
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<td>13:00</td>
<td>Lunch Break</td>
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<tr>
<td>14:00</td>
<td>Title: Genetic analysis of yield and its components in Littlemillet (Panicum sumatrense Roth ex Roem. and Schultz)</td>
<td>K. Salini</td>
</tr>
<tr>
<td>14:15</td>
<td>Title: Genetic variability, character association and path analysis in early segregating population of Bitter gourd (Momordica charantia L.)</td>
<td>Radha Rani</td>
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<tr>
<td>14:30</td>
<td>Title: Application of database technologies for monitoring the performance of nutrient uptake and irrigation levels in oil palm</td>
<td>K L Mary Rani</td>
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<td>14:45</td>
<td>Title: Field evaluation of fungicides against sheath blight disease of Rice</td>
<td>V. Prakasham</td>
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<tr>
<td>15:00</td>
<td>Title: Comprehensive traceability of tissue culture raised plants in commercial micro- propagation</td>
<td>Shiv Kant Shukla</td>
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<td>15:15</td>
<td>Title: Studies on encapsulation of green tea catechins</td>
<td>P. Sudha</td>
</tr>
<tr>
<td>15:30</td>
<td>Title: Application of plant tissue culture technology in conservation and propagation of plant species used in Dashmula</td>
<td>Susmita Shukla</td>
</tr>
<tr>
<td>16:00</td>
<td>Title: Isolation, screening of Pseudomonas spp. for plant growth promotion &amp; antagonistic activities and compatibility with pesticide molecules: An in vitro study</td>
<td>J Sai Prasad</td>
</tr>
<tr>
<td>16:15</td>
<td>Title: Association mapping for grain size traits in Rice</td>
<td>DAK Deborah</td>
</tr>
<tr>
<td>16:30</td>
<td>Title: Morphological and molecular characterization of the female and male genotypes of Spine Gourd (Momordica dioica Roxb.) using RAPDs</td>
<td>Hameedunnisa Begum</td>
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<tr>
<td>16:45</td>
<td>Title: Genetic diversity assessment for authentication of ITS region as a DNA barcode for identification of medicinal plant Cullen coryphorum</td>
<td>Shweta Chouhan</td>
</tr>
<tr>
<td>17:00</td>
<td>Title: Bio-efficacy of insecticides against Plutella xylostella (L.) in Cabbage (Brassica oleracea var. capitata)</td>
<td>Shashi Vemuri</td>
</tr>
</tbody>
</table>

**Poster Presentations**

10:20-11:20 Poster No. 080 - 100
12:00-13:00 Poster No. 101 - 120
14:00-15:00 Poster No. 121 - 140

**Award Ceremony & Closing Remarks**
Title: The role of alternative splicing in two maize lines under herbicide stress conditions
Joanna Grocza, Polish Academy of Sciences, Poland

Title: Next generation breeding tools for development of stress tolerant crops
Abdul K. Desai, University of Agricultural Sciences, India

Title: Effect of moisture content on physical and mechanical properties of Nutmeg (Myristica fragrans Houtt.)
Prashant Pandharinath Sahad, Banaras Hindu University, India

Title: Effect of harvesting at different heights on growth and flower yield of Carnation (Dianthus caryophyllus L.) in second season crop
Ashwini Kasturi, Dr. Y. S. R. Horticultural University, India

Title: Production potential and economic feasibility of Maize (Zea mays)-Soybean (Glycine max) intercropping system under various row proportions and in zinc levels in rainy condition
Mavle Sacin Himmatrao, Acharya N. G. Ranga Agricultural University, India

Title: Generation means analysis for yield and its components in two bread wheat (Triticum aestivium L.) crosses under saline conditions
Mohamed S. Hassan, South Valley University, Egypt

Title: Influence on certain herbicides for the control of water Hyacinth (Eichhornia crassipes (mart.) solms)
S. Deiva Singama, Annamalai University, India

Title: Study of pollinator activity in Cho-Cho Scelium edule (Jacqu.) Sw Crop
M. A. Rashmi, University of Agricultural Sciences, India

Title: The relationship between the infection levels of Nosema apis parasites and epithelial cells of mid-gut of honeybee
Kareem Mohamed Mahnny, South Valley University, Egypt

Title: Standardization of Induction temperature in Musa cultivar Grand Naini to analyze temperature tolerance
V. Ramajitnajjappa, Indian Institute of Horticultural Research, Research

Title: Gender roles in agrobiodiversity conservation through homestead farming and threats faced by
N. Krishna Priya, Acharya N. G. Ranga Agricultural University, India

Title: Detection and Estimation of damage caused by thrrips Thrips tabaci (Lind) of cotton using Hyperspectral radiometry
Rajitha Gurumurthy, Tamil Nadu Agricultural University, India

Title: Studies on the effect of integrated nutrient management practices on dry matter production and nutrient uptake of Palak (Beta vulgaris var. Bengalenisis Hort.)
P. Vinod Kumar, Dr. Y. S. R. Horticultural University, India

Title: Evaluation of Cashew germplasm under Odisha condition
Kabirnath Sethi, Osiris University of Agriculture and Technology, India

Title: In vitro studies on the interaction of P. fluorecens and certain tested soil microorganisms
A. A. Abobaker Basha, South Valley University, Egypt

Title: Integrated weed management in rabi sweet corn (Zea mays L. var. Saccharata)
Bhargavi Mallesh Reddy, Acharya N. G. Ranga Agricultural University, India

Title: Morphological and molecular diversity analysis in Sesame (Sesamum indicum L.)
S. Lalitha Kiranmayi, Acharya N. G. Ranga Agricultural University, India

Title: Combining ability analysis to identify superior F1 hybrids for yield and quality improvement in Tomato (Solanum lycopersicon L.)
Adhi Shankar, Dr. Y. S. R. Horticultural University, India

Title: Quality gene introgression for development of quality protein maize hybrid using marker assisted selection
M. Surender, Acharya N. G. Ranga Agricultural University, India

Title: Efficacy of pre- and post- emergence herbicide for integrated weed management in summer green gram (Vigna radiata L. Willczek)
S. K. Chhodavadia, Junagadh Agricultural University, India

Title: Identification of high water use efficient rice genotypes using Scanning Electron Microscope
Rajiv Yogarajhathapu, Acharya N. G. Ranga Agricultural University, India

Title: Marker assisted introgression of BB and blast resistant genes in mega rice variety MTU1010
Kara Pkumar, Acharya N. G. Ranga Agricultural University, India

Title: Identification of sex-specific molecular and biochemical markers in nutmeg (Myristica fragrans Houtt.)
Sudhamayee Maddela, Kerala Agricultural University, India

Title: Growth and yield of sunflower genotypes (Helianthus annuus L.) as influenced by varying levels of NPK fertilization
Venkata R Prakash Reddy, Acharya N. G. Ranga Agricultural University, India

Title: Correlation and path coefficient analysis in seed yield in Sunflower
Venkata R Prakash Reddy, Acharya N. G. Ranga Agricultural University, India

Title: Growth and yield performance of bush Beans (Lablab purpureus var. Typical.) under varying levels irrigation and fertigation of N and K
Sandeeka K. Acharya N. G. Ranga Agricultural University, India

Title: Field study of newer insecticides against major sucking pests of Bt cotton
M. K. Ghelani, Junagadh Agricultural University, India

Title: Identification of alternate dwarfing gene(s) to the widely used green revolution gene 'sd1' in Rice
Siddhartha Sarpad Jena, Acharya N. G. Ranga Agricultural University, India

Title: Effect of top dressing and foliar application of organic nutrient sources on growth and yield of Sorghum
Tejvathi Barath Rathod, Acharya N. G. Ranga Agricultural University, India

Title: Real-time N management in low land rice (Oryza sativa L.) through LCC and SPAD meter
Shantappa Duttargavari, University of Agricultural Sciences, India

Title: Studies on different morpho-physiological traits of pre-release early Sugarcane clones
Y. Sharath Kumar Reddy, Acharya N. G. Ranga Agricultural University, India

Title: Biochar and its potential benefits
Kiran Reddy, Acharya N. G. Ranga Agricultural University, India

Title: Effect of growth regulators on shelf-life of sweet Orange cv. Sathgudi at low temperature (Citrus sinensis Osbeck.)
Hemalatha V., Dr. Y. S. R. Horticultural University, India

Title: Population dynamics of major sucking pests of Bt cotton in North Saurashtra region of Gujarat, India
M. K. Ghelani, Junagadh Agricultural University, India
Title: Effect of seed biopriming using biocontrol agents for enhanced germination and vigour in chilli cv. PKM 1
M. Ananthi, Tamil Nadu Agricultural University, India

Title: Feed efficiency of quality protein Maize (Zea mays L.)
Anushree V., Tamil Nadu Agricultural University, India

Title: A novel strain of Pseudomonas fluorescens WS1 Forms biofilm on root surface and enhances growth of wheat plant
Mohd. Musheer Altaf, Aligarh Muslim University, India

Title: Effect of organic manures and amendments on quality and post harvest studies of banana cv. grand naine
K. Vanilarasu, Tamil Nadu Agricultural University, India

Title: Heterosis for yield and yield contributing characters involving in aerobic Rice
D. Malathi, Tamil Nadu Agricultural University, India

Title: Yegis and organic agriculture: Call of a time
Shan P. Patinge, Projapati Brahmanamunia Ishwaraya Vithwa Vidyalya, India

Title: Screening for tolerance to sterility mosaic disease in ratoon Pigeon pea (Cajanus cajan L.) - An innovative approach
Shourabh Joshi, Acharya N. G. Ranga Agricultural University, India

Title: Evaluation of per se performance on grain yield and its component traits in Rice (Oryza sativa L.)
R. Arulmozhi, Tamil Nadu Agricultural University, India

Title: Automation in micro irrigation
Savita R. S., University of Agricultural Sciences, India

Title: Study of correlation and path analyses potted over environments in Sesamum (Sesamum indicum L.)
Jhansi Rani P., Agricultural College, India

Title: Maize seed yield and seed quality response to sowing date during spring in Andhra Pradesh
V Sandeep Varna, Ratnapuri Polytechnic College, India

Title: Biochemical mechanism of insecticide resistance in field populations of diamondback moth, Plutella xylostella from India
Ramraj S. L., National Bureau of Agriculturally Important Insects, India

Title: TAAIT service and its feasibility strategy
Sejjan Ambati, Acharya N. G. Ranga Agricultural University, India

Title: Effect of I-1-MCP on quality and shelf life of winter Guava
Ramesh Kumar, Central Institute of Post Harvest Engineering and Technology (CIPHET), India

Title: Characterization of germplasm of Opium Poppy (Papaver somniferum L.) based on biochemical analysis and association among different traits
N. Verma, National Botanical Research Institute, India

Title: Effect of auxin and gibberellic acid on growth and yield components of Unseeded (Linum usitatissimum L.)
Ameena Siddiqu, National Botanical Research Institute, India

Title: Identification of adaptable and stable genotype for seed and yield opium in Poppy (Papaver somniferum L.) based on various stability models
Rawil Panjey, National Botanical Research Institute, India

Title: Role of biosolids in sustainable development
Proveen Solanki, Acharya N. G. Ranga Agricultural University, India

Title: Water quality assessment of groundwater in Nira River basin area for agricultural and drinking purpose
Rajaram Dhok, Sharadabai Pawar Mahila Mahavidyalya, India

Title: Role of agriculture in the global economy
Nisha Khanna, S V V R Educational Society, India

Title: Population dynamics and varietal preference of Mango fruit borer (Autographa albizonalis, Hampson ) in new alluvial zone of West Bengal
Mainak Bhattacharyya, Bichan Chandra Krishi Viswavidyalya, India

Title: Identification of markers associated with grain size in Rice
DAR Deborah, Acharya N. G. Ranga Agricultural University, India

Title: Functional analysis of cyanobacterial groEL2 in tobacco plants for abiotic stress tolerance
Ch. Jyothi, University of Hyderabad, India

Title: Nutritional value of some unexploited fruit crops
P. M. Jagadeesh, Tamil Nadu Agricultural University, India

Title: Effect of planting geometry and seedling density on growth, yield and quality of aromatic rice under SRI based cultivation practices
Dushmi Thavasi, Indira Gandhi Agricultural University, India

Title: Effect of integrated nutrient management on growth, yield and quality of short grain aromatic Rice varieties (Oryza sativa L.) for Chhattisgarh plains
Ankit Kumar Patel, Indira Gandhi Agricultural University, India

Title: Study on Garlic (Allium Sativum L.) genotypes under Chhattisgarh plains
Samajshikta Kar, Indira Gandhi Agricultural University, India

Title: SDS-PAGE analysis for seed storage proteins in drought tolerant Rice genotypes
Shalini Naque, Central Rice Research Institute, India

Title: Mushroom cultivation using coconut waste
M. H. Ramesh, Tamil Nadu Agricultural University, India

Title: Study on nutritional composition of the fodder obtained from controlled fermentation of Pudaneer R. Arthee Rajendran, Tamil Nadu Agricultural University, India

Title: Assessment of crop loss due to leaf webber Grapholita mepsy. in pigeonpea
N. Bharath Kumar, University of Agricultural Sciences, India

Title: Comparative proteomics study of disease resistance genes expressed in Cajanus cajan genome employing next generations sequencing techniques tools
Upasna Srivastava, National Bureau of Plant Genetic Resources, India

Title: Effect of plant growth regulators and spacings on vegetative growth & flower yield of african marigold cv. pusa narangi gainda
R. Ashok, Dr. Y. S. R. Horticultural University, India

Title: Identification of zinc variability in tomato germplasm lines: An option for biofortification by introgression breeding
G. J. Pavithra, University of Agricultural Sciences, India

Title: Direct organogenesis and transformation of AVP1 gene for salt tolerance in Finger millet (Eleusine coracana.G.)
K. V. Ramachandra, University of Agricultural Sciences, India

Title: Salinity induced growth in Sunflower (Helianthus annuus L.) cv. suntech - 85
Sunit Kumar, Gandhi Faiz-E-Aam (P. G.) College, India

Title: Effect on stage wise evaporation replenishment on physiological parameters and yield character of papaya through drip system
P. Indhumathi, Tamil Nadu Agricultural University, India

Title: Effect of rhizobium inoculation with different levels of nitrogen on performance of Sibzia procera (Safed siris) seedlings
Srinidhi Koley, Indira Gandhi Krishi Vidyavidyalaya, India

Title: Mathematical modeling of growth of amyloolytic lactic acid bacterial strain Enterococcus durus AfmSO
M. Karthikadevi, Tamil Nadu Agricultural University, India

Title: EMS induced genetic diversity in P. corylifolia during chemical mutagenesis and their characterization using molecular markers
Towseef Mohsin Bhat, Aligarh Muslim University, India
Title: Managing common property water resources for multiple uses through collective action-case studies in Shiwalks, northern India

Swarn Lata Arya, Central Soil & Water Conservation Research & Training Institute, India

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Title: Impact of zinc application on the performance of Wheat (Triticum aestivum L.) irrigated with different saline waters

Prema Dogra, Maharana Pratap University of Agriculture and Technology, India

P-110

Title: Response of Mustard (Brassica juncea (L.) czern and coss) to vermicompost and inorganic fertilizer in loamy sand soil

Suman Parihar, S. K. N. College of Agriculture, India

P-112

Title: Effect of phosporus on tolerance of mungbean (Vigna radiata (L.) wilczek) to chloride and sulphate salinity of loamy sand soil

Atik Ahamed, S. K. N. College of Agriculture, India

P-113

Title: Assessment of soil quality and resilience in semi-arid tropical region of India

Uttarkumar Mandad, Central Soil Quality Research Institute, India

P-121

Title: Study of combining ability analysis in bread Wheat (Triticum aestivum L.)

Bharat Bhushan, Chaudhary Charan Singh University, India

P-122

Title: Effect of season and soil fertility level on uptake pattern of N, P and K of Chilli (Capsicum annum L.)

Sriprada Datta, Uttar Banga Krishi Vidyapeeth, India

P-123

Title: Quantification of Gibberella zeae trichothecene biosynthesis gene Tri13, for measuring don production in infected maize seeds using RT-PCR

S Nagalakshmi, Acharya N. G. Ranga Agricultural University, India

P-124

Title: Micromorphological, phytochemical, antimicrobial and molecular studies on six Senna species

Mulikat Jimoh, Michael Okpara University of Agriculture, Nigeria

P-125

Title: Modeling Soybean (Glycine max L.) root growth under different tillage system

Nihant Singh, Indian Institute of Soil Science, India

P-126

Title: Development of germplasm Information system

Sujai Das, National Institute of Research on Jute & Allied Fibre Technology, India

P-127

Title: Abiotic stress and its mitigation in spice crops

P. Choudhuri, Uttar Banga Krishi Viswavidyalya, India

P-128

Title: Weed competitiveness, growth and yield of aerobic Rice in the coastal region of Karaikal

P. S. John Daniel, Tamil Nadu Agricultural University, India

P-130

Title: Water association between seed yield and its components in Green gram (Vigna radiata (L.) wilczek)

Srikanth Thippaiah, Acharya N. G. Ranga Agricultural University, India

P-131

Title: Standardisation of method for preparation of banana crisps

Suressha Jayappa, University of Horticultural Sciences, India

P-132

Title: Marketing channels, price spread and marketing efficiency in the marketing of high value cash crops in Himachal Pradesh

Brij Bala, Himachal Pradesh Agricultural University, India

P-133

Title: Enhancement of growth and pollen viability studies in interspecific hybrids between cultivated and perennial diploid wild Sunflower species (Helianthus annuus L.)

Y. Prashanth, Acharya N. G. Ranga Agricultural University, India

P-134

Title: Effect of different insecticidal treatments on yield and yield contributing traits of Brassica rapa var. sarson infested by aphid Lipaphis erysimi Kaltenbach

S. S. Sharma, Hill Agricultural Research and Extension Centre (MAREC), India

P-135

Title: Nutritional and sensory qualities of sweet biscuits fortified with carrot, jackfruit and amla powder

Rajeshwari Hosamani, Kirit Rani Channammma College of Horticulture, India

P-136

Title: Influence of pruning intensities on leaf nutrient composition and carbohydrate content in Mango (Mangifera indica L.) cv. alphonso under ultra high density planting

Gopu Balraj, Tamil Nadu Agricultural University, India

P-137

Title: Studies on seedborne fungi of Soybean and its management

T. Venugopal Rao, Acharya N. G. Ranga Agricultural University, India

P-138

Title: Biological management of rice blast pathogen using Bacillus subtilis var. Amylo liquefaciens (FZB 24)

Nagendra Krishna, Tamil Nadu Agricultural University, India

P-139

Title: Influence of raw spices and phosphorous levels on seed production of Dhaichosa (Sesbania aculeata)

Boini Venkanna, Acharya N. G. Ranga Agricultural University, India

P-140

Title: Studies on the effect of plant growth regulators and chemicals on flowering, fruit set and yield of Mango (Mangifera indica L.) cv. Banganpalli

Vijay Krishna Golla, Acharya N. G. Ranga Agricultural University, India

P-141

Title: Bio-efficacy and residue dynamics of insecticides against Plutella xylostella (L) in cabbage (Brassica oleracea var. capitata)

Anuoo Anil Reddy, Acharya N. G. Ranga Agricultural University, India

P-142

Title: Germination constraint of Rheiobdendron heudelotii in Cameroon

Dejoug Fovo, University of Dschang, Cameroon

P-143

Title: Preparation of low fat custard apple ice-cream using preservative

Sachin Gaikwad, Vasanthra Naik Marathwada Krishi Vidyapeeth, India

P-144

Title: Plant growth promoting activities of fluorescent Pseudomonas associated with apple and pear

Sheetal Rana, Dr. Y. S. P. University of Horticulture & Forestry, India

P-145

Title: Influence of malathion in total lipid in liver of Triticum aestivum (L.) root growth under different tillage system

Mulikat Jimoh, Michael Okpara University of Agriculture, Nigeria

P-146

Title: Water in oil based PGPR formulation of Pseudomonas fluorescens (FP7) showed enhanced resistance against Colletotrichum musae

Peeran Mohammed Faisal, Tamil Nadu Agricultural University, India

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Peeran Mohammed Faisal, Tamil Nadu Agricultural University, India

P-147
Title: Comparative performance of rice transplanters in flat lands and slopy lands  
K. A. Basamma, Tamil Nadu Agricultural University, India

Title: Sustainable increase in Maize (Zea mays L) production with integrating organic and inorganic nutrient sources  
Aniket Kallupsare, Mahatma Phule Krishi Vidyapeeth, India

Title: Effect of pre and post emergent herbicide on nutrient uptake and yield in Soybean (Glycine max L. Merrill)  
T. M. Sudhakara, Acharya N. G. Ranga Agricultural University, India

Title: Economics and uptake of nutrients by crop and weeds as influenced by weed control treatments in Pigeonpea (Cajanus cajan (L.) Mill sp.)  
Venkata Reddy, University of Agricultural Sciences, India

Title: Impact of crop breeding and genetics to Nigerian farmers  
Mustapha Bashir Kazoure, Jigawa State Polytechnic, Nigeria

Title: Pathogenicity of three fungal species interaction to lesser grain borer  
P. Jyothi, Acharya N. G. Ranga Agricultural University, India

Title: Heterosis studies in Ridge gourd (Luffa acutangula Roxb.)  
P. Karthik Reddy, Dr. Y. S. R. Horticultural University, India

Title: The magic plant Aloevera: Boon for farmers  
Renu, G. B. Pant University of Agriculture & Technology, India

Title: Functional characterization of ABA responsive gene SAPK9 under soil moisture stress growth condition in Rice (Oryza sativa L.) plants  
Avishhek Dey, Indian Institute of Technology Kharagpur, India

Title: Estimation of genetic diversity of Rice (Oryza sativa L.) in north east plain zone  
G. Ewsaro Reddy, Banaras Hindu University, India

Title: Solar powered water pumping systems  
Shubham Singh, G. B. Pant University of Agriculture & Technology, India

Title: Precise nutrient management in cereal crops through customized fertilizers  
Dheeraj Kumar Tiwari, CCS Haryana Agricultural University, India

Title: Pre and post plant herbicidal weed management in transplanted Rice  
Kishor Moti, Acharya N. G. Ranga Agricultural University, India

Title: Inheritance of floral traits in interspecific hybrids of Jatropha curcas L.  
Arun S Chavan, Banaras Hindu University, India

Title: Biofortification of Cereal grains with zinc by applying zinc fertilizers  
Partho Deb Nath, Acharya N. G. Ranga Agricultural University, India

Title: Morphological and molecular characterization of Sapota (Achras zapota L) using RAPD markers  
A. Harshavardhan, Dr. Y. S. R. Horticultural University, India

Title: Monitor and control of greenhouse environment based on arm processor  
A. Mohamed Feroz, Anna University, India

Title: Response of Groundnut (Arachis hypogea) and sweetpotato intercropping systems to nitrogen rates in humid tropical environment of south eastern Nigeria  
Olabi C. P. National Root Crop Research Institute, Nigeria

Title: Evaluation of three different varieties of onion and their transplanting times for flowering and seed production  
Robini N. Tamil Nadu Agricultural University, India

Title: Effect of urban compost application on soil properties  
V. Rambabu Naik, Acharya N. G. Ranga Agricultural University, India

Title: Role of sulphur in Cereals, Pulses and Oilseeds  
D. Anil, Acharya N. G. Ranga Agricultural University, India

Title: Cultural practices for management of agricultural insect pests  
M. Jyothsna, Acharya N. G. Ranga Agricultural University, India

Title: Role of transgenic plants in agriculture and biopharming  
D. Vandana, Acharya N. G. Ranga Agricultural University, India

Title: Health and environmental concerns regarding genetically engineered foods  
V. Nataram, Indian Agricultural Research Institute, India

Title: Management of agricultural insect pests by mechanical methods  
V. Vishwanath, Acharya N. G. Ranga Agricultural University, India

Title: Integrated nutrient management for sustainable agriculture  
M. Parimala Kumar, Indian Agricultural Research Institute, India

Title: Management of wilt disease complex of castor (Fusarium oxysporum f. sp. ricini and Rotylenchulus reniformis) using biocontrol agents, botanicals and chemicals  
Y. Shalini, Acharya N. G. Ranga Agricultural University, India

Title: Robot design of agricultural  
T. Balaji, SRM University, India

Title: Awareness on farm mechanization in paddy cultivation  
A. Azitha Pauline, Tamil Nadu Agricultural University, India

Title: Analysis of the constraints faced by small-scale irrigation farmers  
Langaolle Naliovu, University of Venda, South Africa

Title: Study of hybrid vigour for grain yield and it's components in Pearl Millet (Pennisetum glaucum (L.))  
Mukhtar Thori, Banaras Hindu University, India

Title: Ecology of cow dung and their uses in different field  
Bishnu Chandra Naha, National Dairy Research Institute, India

Title: Effect of plant growth regulators and light treatment on multiple seedling development in Citrus  
Suryakant Hembram, Bidhan Chandra Krishi Viswavidyalaya, India

Title: Green Insecticides for the management of Chilli (Capsicum annum L) insect pests  
Pathipati Vijaya Lakshmi, Dr. Y. S. R. Horticultural University, India

Title: Evaluation of zero tillage in Rice-Wheat belts of India  
Vinayaka, Tamil Nadu Agricultural University, India

Title: Comparative performance of rice transplanters in flat lands and sloppy lands  
Basavaraj, Tamil Nadu Agricultural University, India
<table>
<thead>
<tr>
<th>Title</th>
<th>Author</th>
<th>Institution</th>
</tr>
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<tbody>
<tr>
<td>Effects of mulches, planting methods and biofertilizers on fruit yield and weed characteristics of organically grown capiscum (Capsicum annum L.)</td>
<td>K. S. Thakur, Dr. Y. S. Parmar University of Horticulture and Forestry, India</td>
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<tr>
<td>A study on training needs of pulses seed growers</td>
<td>S. Janani, Tamil Nadu Agricultural University, India</td>
<td></td>
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<td>Advances in PGPR technology: A green revolution of Agriculture</td>
<td>U. Padya, Gujarat University, India</td>
<td></td>
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<tr>
<td>Comparative ergonomical study of women workers on two-row rice transplanter and cono-weeder</td>
<td>P. Vivek, Tamil Nadu Agricultural University, India</td>
<td></td>
</tr>
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<td>Lipid profiling by GC-MS and anti-inflammatory activities of Cela pendandra seed oil</td>
<td>Ch. Ravi Kiran, Andhara University, India</td>
<td></td>
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<tr>
<td>Secondary metabolite estimation by callusing of Decafes hamiltonii</td>
<td>Devaki Mody S, R. V. College of Engineering, India</td>
<td></td>
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<tr>
<td>Developing novel molecular methods for testing seed genetic purity in Rice cultivars of Tamil Nadu</td>
<td>P. Padmini, Gujarat University, India</td>
<td></td>
</tr>
<tr>
<td>Effect of different priming methods on seed quality, biochemical changes and storability of China aster (Callistephus chinensis L. Nees)</td>
<td>Bathinell Vimala, Acharya N. G. Ranga Agricultural University, India</td>
<td></td>
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<tr>
<td>Growth and survival of Mango (Mangifera indica L.) cv. Amrapeli stone grafts as influenced by age of rootstock</td>
<td>Niranj Singh, Chandra Shekhak Aarad University of Agriculture and Technology, India</td>
<td></td>
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<tr>
<td>Uncovering miRNA-TFs mediated gene regulatory network (GRN) during salinity heat and drought stress in Oryza sativa spp.</td>
<td>Deepak Kingam, Indian Agricultural Statistics Research Institute (IASRI), India</td>
<td></td>
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<tr>
<td>Modification of manually operated chaff cutter for forage crops</td>
<td>Venkata K, Tamil Nadu Agricultural University, India</td>
<td></td>
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<td>Evaluation of power operated Sugarcane detrasher</td>
<td>Rahmath Abbas Begum, Tamil Nadu Agricultural University, India</td>
<td></td>
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<tr>
<td>Effect of organic and inorganic fertilizers on soil health, growth and yield of Pea (Pisum sativum L.)</td>
<td>Luxmi Kant Tripathi, Sam Higginbottom Institute of Agriculture, Technology &amp; Sciences, India</td>
<td></td>
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<tr>
<td>Role of agriculture in carbon sequestration for mitigating climate change</td>
<td>K. S. Janani, Dr. Y. S. Parmar University of Horticulture and Forestry, India</td>
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<tr>
<td>A study on perception of farmers towards crop holiday in East Godavari district of Andhra Pradesh</td>
<td>V. Deepthi, Acharya N. G. Ranga Agricultural University, India</td>
<td></td>
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<tr>
<td>Carbonized kapok fibres as a potential adsorbent for removal of heavy metals</td>
<td>Preethi B, R.V. College of Engineering, India</td>
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