Scientific Program

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3rd International Conference on
Agriculture & Horticulture

October 27-29, 2014 Hyderabad International Convention Centre, Hyderabad, India



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OMICS Group Conferences
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Day 1 October 27, 2014

09:00-10:00 Registrations

MR G.01, G.02 & G.03

10:00-10:25 **Opening Ceremony**

10:25-10:30 **Introduction**

Keynote Forum

10:30-10:55 **Mohan Kanda**
Former Chief Secretary of Andhra Pradesh, India

Coffee Break: 10:55-11:10 @ Foyer

11:10-11:35 **E A Siddiq**
Acharya N. G. Ranga Agricultural University, India

11:35-12:00 **S Dam Roy**
Central Island Agriculture Research Institute, India

12:00-12:25 **B Gangaiah**
Centre for Good Governance, India

12:25-12:50 **Devi Prasad Juvvadi**
Centre for Good Governance, India

Track 5: Crop Breeding and Genetics
Track 11: Sustainable Practices for Agriculture

Session Chair: Awnindra Kumar Singh, Central Island Agricultural Research Institute, India
Session Co-Chair: Sanjay K Singh, Directorate of Wheat Research, India

Session Introduction

12:50-13:05 **Title: Biofortification: Breeding for 'hidden hunger', and prospects in *Sorghum***
Hariprasanna K, Directorate of Sorghum Research, India

13:05-13:20 **Title: Mixed model methodology for analysis of series experiment of plant breeding**
Xiyuan Hu, Northwest A&F University, China

Lunch Break 13:20-14:05 @ Hall-4

14:05-14:20 **Title: Genetic diversity analysis in coriander (*Coriandrum sativum* L.) varieties**
Ram Swaroop Meena, National Research Centre on Seed Spices, India

14:20-14:35 **Title: Diversity analysis (genetic, molecular and gum content) of cluster bean (*Cyamopsis tetragonoloba* L.) - An emerging industrial crop**
Aravind Jukanti, Central Arid Zone Research Institute, India

14:35-14:50 **Title: Genetic analysis of components of salinity tolerance in rice (*Oryza sativa* L.)**
M Sudharani, Acharya N. G. Ranga Agricultural University, India

14:50-15:05 **Title: Indian wheat programme as backbone for national food security**
Sanjay K Singh, Directorate of Wheat Research, India

15:05-15:20 **Title: Some promising heterotic cross combinations for grain yield and the yield contributing traits in post rainy sorghum**
Vikram Kalpande, Dr. Panjabrao Deshmukh Krishi Vidyapeeth, India

15.20-15:35 **Title: Successful example of breeding for nutritional quality: National released sorghum hybrid CSH-35**
R B Ghorade, Dr. Panjabrao Deshmukh Krishi Vidyapeeth, India

15:35-15:50 **Title: Application of crop models for climate change impact studies in agriculture: Reliability of single-vs multi-model outputs**
Raveendra H Patil, University of Agricultural Sciences, India

15:50-16:05 **Title: Development and evaluation of back cross hybrids involving erianthus for agronomically important traits**
Mohanraj K, ICAR-Sugarcane Breeding Institute, India

Coffee Break 16:05-16:20 @ Foyer

16:20-16:35 **Title: Evaluation of conservation tillage practices in sustainable vegetable production system of western Uttar Pradesh, India**
R K Naresh, Sardar Vallabhbhai Patel University of Agriculture & Technology, India

16:35-16:50 **Title: Lignocellulolytic activity of soil fungi isolated from different scenarios of conservation agriculture**
Madhu Choudhary, Kurukshetra University, India

16:50-17:05 **Title: Fabrication of nano structured PGPR mediated slow release fertilizer system and its influence on germination of Arachis hypogea**
R Mala, Mepco Schlenk Engineering College, India

17:05-17:20 **Title: Agro-morphological characterization of Bay Islands pigeonpea (*Cajanus cajan*) landraces and advanced lines using under Islands conditions**
Awnindra Kumar Singh, Central Island Agricultural Research Institute, India

17:20-17:35 **Title: Micronutrient biofortification in crop plants to alleviate its malnutrition in India**
Amrit Lal Singh, Directorate of Groundnut Research, India

17:35-17:50 **Title: Phenotypic characterization of EMS induced mutants in wheat (*Triticum aestivum* L.)**
Karnam Venkatesh, Directorate of Wheat Research, India

17:50-18:05 **Title: Variability studies in local collections of *lathyrus***
Sandeep R Kamdi, Dr. Panjabrao Deshmukh Krishi Vidyapeeth, India

18:05-18:20 **Title: Influence of environmental conditions on the performance of cluster bean genotypes**
P Sathyavathi, Matrusri Engineering College, India

18:20-18:35 **Title: Breeding for improved aromatic short grain rices of India**
G S Varaprasad, Directorate of Rice Research, India

Day 2 October 28, 2014

MR G.01, G.02

Keynote Forum

10:00-10:25 **Venkataramani Govindan**
Agricultural Communications and Knowledge-Sharing Specialist, India

10:25-10:50 **Balraj Singh**
National Research Centre on Seed Spices, India

10:50-11:15 **Mahendra P Srivastava**
CCS Haryana Agricultural University, India

Coffee Break 11:15-11:30 @ Foyer

Track 1: Agronomy and Soil Sciences
Track 3: Agricultural Extension
Track 7: Spices, Herbs and Medicinal Plants
Track 12: Agricultural Economics and Agribusiness

Session Chair: Irfan Ali Khan, Ukaaz Publications, India
Session Co-Chair: Balraj Singh, National Research Centre on Seed Spices, India

Session Introduction

11:30-11:45 **Title: Characterization of soil resilience as influenced by organic management practices in perturbed vertisol**
Ritesh Saha, Indian Institute of Soil Science, India

11:45-12:00 **Title: Crop diversification in Maharashtra state: An economic analysis**
Supriya Jadhav, Vasantrao Naik Marathwada Krishi Vidhyapeeth, India

12:00-12:15 **Title: Impact of "Integrated Farming Systems Approach" on the holistic development of resource– poor SC/ST farmers: An Indian experience**
K Raja Mohan Rao, Bharathidasan University, India

12:15-12:30 **Title: Total Quality Management (TQM) in agricultural extension**
Lad Anuradha Subhashrao, Vasantrao Naik Marathwada Krishi Vidyapeeth, India

12:30-12:45 **Title: Socio-economic factors influencing the use of coping strategies among conflict actors (farmers and herders) in Giron Masa village, Kebbi State, Nigeria**
Sa'adu Umar, Kebbi State University of Science and Technology, Nigeria

12:45-13:00 **Title: National partnerships in Asian countries to collaborate with global program plantwise as diagnostic and advisory services in agriculture**
Malvika Chaudhary, Regional Coordinator Plantwise-Asia- CABI, India

Lunch Break 13:00-13:45 @ Hall-4

13:45-14:00 **Title: A modified idea of using cattle excrement- Century old (Video Presentation)**
Satish Gadde, India

14:00-14:15 **Title: Reducing the gestation period of *Hevea brasiliensis* through improved planting material and Agro-management practices**
Sherin George, Rubber Research Institute of India, India

14:15-14:30 **Title: Influence of foliar application of micronutrients on physiological characteristics and yield of Darjeeling tea (*Camellia sinensis* L.)**
Rakesh Kumar, Darjeeling Tea Research & Development Centre, Tea Board, India

14:30-14:45 **Title: Response of root trainer plants of rubber to different potting media**
Vinoth Thomas, Rubber Research Institute of India, India

14:45-15:00 **Title: Yield and water productivity of cumin as influenced by irrigation techniques and land configuration**
Ravindra Singh, National Research Centre on Seed Spices, India

15:00-15:15 **Title: Evaluation of rice transplanter at different age of seedlings and spacings (Kubota model)**
U Vineetha, Acharya N. G. Ranga Agricultural University, India

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

15:30-15:45 **Title: Root phenotyping for field management of crops**
V Maruthi, Central Research Institute for Dryland Agriculture, India

15:45-16:00 **Title: Allelopathic effect of Greengram crop residue on germination and early growth of safflower**
Raveendra H Patil, University of Agricultural Sciences, India

Coffee Break 16:00-16:15 @ Foyer

16:15-16:30 **Title: Green remediation material for soils polluted with some heavy metals**
Reda Ragab Shahin, Cairo University, Egypt

16:30-16:45 **Title: Status of research and development in seed spices in India**
Balraj Singh, National Research Centre on Seed Spices, India

16:45-17:00 **Title: Genomic translations of fenugreek (*Trigonella foenum*-graecum) to derive its proteomic insights**
Geetika Jethra, National Research Centre on Seed Spices, India

17:00-17:15 **Title: Medicinal herbs in agroforestry under dryland conditions**
A Madhavi Lata, Prof. Jayashankar Telangana State Agricultural University, India

17:15-17:30 **Title: Ethnomedical studies of plants used for treatment of diseases in eastern part of Nigeria**
Ferdinand N Mbagwu, Imo State University, Nigeria

17:30-17:45 **Title: Integrated nutrient management in Paddy - Lathyrus cropping system in Eastern Vidarbha region**
G J Bhagat, Dr. Panjabrao Deshmukh Krishi Vidyapeeth, India

17:45-18:00 **Title: Understanding basic biostatistics for proper application of statistical methods**
Irfan Ali Khan, Ukaaz Publications, India

18:00-18:15 **Title:The last mile: Novel strategies for reaching farm women**
Amtul Waris, Directorate of Rice Research, India

18:15-18:30 **Title: A novel approach for measurement of rice yield gaps: A case study of Bihar**
B Nirmala, Directorate of Rice Research, India

MR G.03

Track 2: Horticulture, Floriculture & Forestry
Track 4: Plant Biochemistry and Physiology
Track 8: Tissue Culture and Plant Biotechnology

Session Chair: Devi Prasad Juvvadi, Centre for Good Governance, India
Session Co-Chair: A Hemantaranjan, Banaras Hindu University, India

Session Introduction

11:30-11:45 **Title: Inducing dwarfing in *Bougainvillea* for urban and peri-urban landscaping**
Ritu Jain, Indian Agricultural Research Institute, India

11:45-12:00 **Title: Orchid - A diversified component of farming systems for profitability and livelihood security**
L C De, National Research Centre for Orchids, India

12:00-12:15 **Title: Competitiveness of Maharashtra fruits in the global markets**
Tai Deokate, Mahatma Phule Krishi Vidyapeeth, India

12:15-12:30 **Title: Effect of packaging film of different thicknesses on shelf life and quality of minimally processed onion**
S Bhuvaneswari, Indian Institute of Horticultural Research, India

12:30-12:45 **Title: Molecular characterization and phylogenetic analysis of *Citrus Mosaic Badna Virus* (CMBV) associated with Sathgudi sweet orange**
Kailash N Gupta, Jawaharlal Nehru Krishi Vishwa Vidyalaya, India

12:45-13:00 **Title: Growth and seed yield of fenugreek (*Trigonella foenum*-graecum L.) as influenced by plant growth regulators and bio-fertilizers**
S S Meena, National Research Centre on Seed Spices, India

Lunch Break 13:00-13:45 @ Hall-4

13:45-14:00 **Title: Plant-based monitoring for yield prediction of citrus under differential irrigation**
Pravukalyan Panigrahi, Directorate of Water Management, India

14:00-14:15 **Title: Technology of minimally processed fruits & vegetables**
Vishnu K Garande, Shahu Agriculture Technical School, India

14:15-14:30 **Title: New vistas in cashew breeding**
G S Mohana, Directorate of Cashew Research, India

14:30-14:45	**Title: Freeze drying technology for floral preservation- Prospect and process** **Mahalakshmi V Reddy**, Prof. Jayashankar Telangana State Agricultural University, India
14:45-15:00	**Title: Impact of salicylic acid on salinity tolerance in field pea (*Pisum sativum* L.) through intensified antioxidant defense system, physiological and biochemical attributes** **A Hemantaranjan**, Banaras Hindu University, India
15:00-15:15	**Title: Genotypic variability in color, pungency and antioxidant activity among chilli genotypes** **V Keshava Rao**, Indian Institute of Horticultural Research, India
15:15-15:30	**Title: Migration study of legume-symbiosis bacteria (Rhizobia) away from host plant zone** **Alka Panwar**, National Research Centre on Seed Spices, India
15:30-15:45	**Title: Pruning operations in Darjeeling teas (*Camellia sinensis* var. sinensis): A biochemical perspective** **Narendra Kumar**, Darjeeling Tea Research &Development Centre, Tea Board of India, India
15:45-16:00	**Title: Kharif sorghum genotype SPV 1786 with excellent quality characters and high yield** **Vikram Kalpande**, Dr. Panjabrao Deshmukh Krishi Vidyapeeth, India
	Coffee Break 16:00-16:15 @ Foyer
16:15-16:30	**Title: Character association for grain yield and some of the growth parameters associated with drought tolerance in rabi sorghum** **R B Ghorade**, Dr. Panjabrao Deshmukh Krishi Vidyapeeth, India
16:30-16:45	**Title: Genetic improvement of Horsegram through mutation breeding** **K Salini**, Central Research Institute for Dryland Agriculture, India
16:45-17:00	**Title: In vitro propagated Hi-Tech planting material of potato: Novel strategy to augment potato production** **Atul Kumar**, G B Pant University of Agriculture and Technology, India
17:00-17:15	**Title: Molecular studies of cumin (*Cuminum cyminum* L.) for diversity and modeling** **Sharda Choudhary**, National Research Centre on Seed Spices, India
17:15-17:30	**Title: Molecular characterization of gut microflora in *Rhyzopertha dominica* (Fabricius) (Coleoptera: Bostrichidae) and *Triboilum castaneum* (Herbst.) (Tenebrionidae: Coleopetera) populations of south India** **R Harischandra Naik**, University of Agricultural Sciences, India
17:30-17:45	**Title: Influence of canal irrigation system on physico-chemical properties of black soils in Wardha valley, Maharashtra** **Prakash Ramrao Kadu**, Dr. Panjabrao Deshmukh Krishi Vidyapeeth, India
17:45-18:00	**Title: A novel method for the management of mealybug in cotton** **J Gulsar Banu**, Central Institute for Cotton Research, India
18:00-18:15	**Title: Genetic variability for quantitative traits in China aster** **Rajiv Kumar**, Indian Institute of Horticultural Research, India
18:15-18:30	**Title: Agricultural knowledge management tools and processes: A case of rice knowledge management portal** **S Arun Kumar**, Directorate of Rice Research, India
18:30-18:45	**Title: Bio-efficacy of new insecticide molecule Dimilin 48 SC against tobacco caterpillar, *Spodoptera litura* (Fab.) (Noctuidae : Lepidoptera) in tomato** **Ramanagouda Patil**, University of Agricultural Sciences, India

Day 3 October 29, 2014

MR G.01 & G.02

Track 6: Crop Protection and Management
Track 9: Agricultural Engineering and Technology
Track 10: Agricultural Risk Management

Session Chair: J S Prasad, Directorate of Rice Research, India
Session Co-Chair: Shashi Vemuri, Prof. Jayashankar Telangana State Agricultural University, India

Session Introduction

10:00-10:15	**Title: DO Insect - Bacterial symbiosis contributing insecticidal resistance; An evidence from *Helicoverpa armigera* (Hub.)(Lepidoptera: Noctuidae)** **R Gandhi Gracy**, National Bureau of Agriculturally Important Insects (NBAII), India
10:15-10:30	**Title: Incidence of Red Spider Mite (*Tetranychus urticae* Koch) on Ladysfinger (*Abelmoschus esculentus* (L.) Moench) and their sustainable management** **Sunil Kumar Ghosh**, Bidhan Chandra Krishi Viswavidyalaya, India
10:30-10:45	**Title: Management of chilli fruit borer, *Helicoverpa armigera* with emamectin benzoate 5 % SG (Volax)** **D N Kambrekar**, University of Agricultural Sciences, India
10:45-11:00	**Title: Biodegradable nanoparticles as carrier in smart delivery of pesticides** **K Rameash**, National Bureau of Plant Genetic Resources, India
11:00-11:15	**Title: Molecular characterization and management of Tomato leaf curl virus and its vector, *B. tabaci*, using cultural methods like guard crops and mulches in Tomato** **Rajasri Mandali**, Acharya N. G. Ranga Agricultural University, India
	Coffee Break 11:15-11:30 @ Foyer
11:30-11:45	**Title: Relative abundance of fruit flies on capsicum ecosystem in north eastern hill region of India** **Boopathi Thangavel**, ICAR Research Complex for NEH Region Mizoram Centre, India
11:45-12:00	**Title: Identification of sources of resistance against *Fusarium wilt* of Castor** **Bharati N Bhat**, Acharya N. G. Ranga Agricultural University, India

12:00-12:15	**Title: Field evaluation of entomopathogenic fungi against white grub, *Holotrichia consanguinea* Blanch in sugarcane** **Visalakshi Mahanthi,** Acharya N. G. Ranga Agricultural University, India
12:15-12:30	**Title:Effect of different levels of nitrogenous fertilization on the extent of leaf damage by leaf folder, *Cnaphalocrocis medinalis* in rice genotypes** **S D Mohapatra,** Central Rice Research Institute, India
12:30-12:45	**Title: Human pathogenic bacteria associated with fresh vegetables and advances in their control strategies** **K Ranjitha,** Indian Institute of Horticultural Research, India
12:45-13:00	**Title: Evaluation of botanicals and fungicides on threshed grain mold rating (TGMR) and grain hardness in sorghum** **Vikram Kalpande,** Dr. Panjabrao Deshmukh Krishi Vidyapeeth, India
	Lunch Break 13:00-13:45 @ Hall-4
13:45-14:00	**Title: Studies on correlation among the quantitative traits associated with shoot fly resistance in sorghum** **R B Ghorade,** Dr. Panjabrao Deshmukh Krishi Vidyapeeth, India
14:00-14:15	**Title: Dynamics of difenoconazole and propiconazole residues on pomegranate over a period of two years under field conditions** **Soudamini Mohapatra,** Indian Institute of Horticultural Research, India
14:15-14:30	**Title: Chemical composition and larvicidal activities of *Zanthoxylum armatum* against *Diamondback Moth, Plutella xylostella*** **S G Eswara Reddy,** Institute of Himalayan Bioresource Technology, India
14:30-14:45	**Title: Effect of organic amendment, N-fertilization and biofertilizers on growth and productivity parameters of Tomato in relation to the management of pathogenic fungi and phytoparasitic nematodes** **Sartaj A Tiyagi,** Aligarh Muslim University, India
14:45-15:00	**Title: Status of medicinal rice: How they are being used in Kerala, varieties with specific uses, market potential in the country and exports** **J S Prasad,** Directorate of Rice Research, India
15:00-15:15	**Title: Spectral signature development for rain fed cotton using remote rensing Techniques with NDVI data sets** **N Showri Raju,** Central Research Institute for Dryland Agriculture, India
15:15-15:30	**Title: Improved machinery and agricultural practices for inclusive growth of farmers in dryland: Opportunities and challenges** **Ravikant V Adake,** Central Research Institute for Dryland Agriculture, India
15:30-15:45	**Title: Cooking quality of fortified pasta from sorghum and soybean** **Bhagyashree N Patil,** Dr. Panjabrao Deshmukh Agricultural University, India
15:45-16:00	**Title: Prospects of high value fruit crops under degraded gullied lands** **M L Gaur,** Anand Agricultural University, India
	Coffee Break 16:00-16:15 @ Foyer
16:15-16:30	**Title: Risk mitigation methods for removal of pesticide residues in Tomato for food safety** **Shashi Vemuri,** Prof. Jayashankar Telangana State Agricultural University, India
16:30-16:45	**Title: Importance of agricultural websites in the present era** **Rishabh Goel,** Indian Council of Agricultural Research, India
16:45-17:00	**Title: Effect of Heat-treatment under changeable applied load on wear response of agricultural grade medium carbon steel: A multiple range analysis** **Dushyant Singh,** Central Institute of Agricultural Engineering, India
17:00-17:15	**Title: Multi purpose weed removal tool** **Muppa Lakshman Rao,** Prakasam Engineering College, India
17:15-17:30	**Title: Breeding elite rice lines resistant against rice tungro virus disease** **D Krishnaveni,** Directorate of Rice Research, India
17:30-17:45	**Title: Soil quality assessment for rice crop using GIS** **B Sailaja,** Directorate of Rice Research, India
17:45-18:15	**Award Ceremony & Closing Remarks**

Poster Presentations

Day 3 October 29, 2014

MR G.03

Poster No. 001 - 070 11:00-12:30
Poster No. 071 - 138 14:00-15:30

AH- 001	**Title: Determiningof S-alleles in wild cherry population of Czech Republic** **Kamal Sharma,** Czech University of Life Sciences, Czech Republic
AH- 002	**Title: Induction of defense related enzymes by biocontrol agents against peduncle blight of tuberose** **D Durgadevi,** Tamil Nadu Agricultural University, India
AH- 003	**Title: Biological control for charcoal rot (*Macrophomina phaseolina*) of Sesame** **Kailash N Gupta,** Jawaharlal Nehru Krishi Vishwa Vidyalaya, India
AH- 004	**Title: Design, development and performance evaluation of grader for kagzi-lime** **Pawar Savita Gangadharrao,** Dr. Punjabrao Deshmukh Krishi Vidhyapith, India
AH- 005	**Title: Correlation studies for pod yield In vegetable cowpea (*Vigna unguiculata* (L.) Walp)** **Madhavi K,** Dr. Y. S. R. Horticultural University, India

AH- 006 **Title: Evaluation of different kharif onion genotypes in Chhattisgarh plains**
Sitaram R Dewangan, Indira Gandhi Krishi Vishwavidyalaya, India

AH- 007 **Title: Phytochrome mediated growth and development in rice: A review**
Darshan Panda, Ravenshaw University, India

AH- 008 **Title: Evaluation of toxicity and genotoxic effects of *Catheranthus roseus* (linn) extract on *Drosophila melanogaster*: Stress protein and wing contour bioassay**
Soumya K, Indian Institute of Horticultural Research, India

AH- 009 **Title: Effect of herbicide application on weed management in green gram (*Vigna radiata*)**
Diwash Tamang, Bidhan Chandra Krishi Viswavidyalaya, India

AH- 010 **Title: Productivity and profitability of legume crop based Agri-horti system in arid region of Rajasthan**
Hari Dayal, Central Arid Zone Research Institute, India

AH- 011 **Title: Genome-wide identification of Mlo gene family members in *Cicer arietinum* and *Medicago truncatula* and its comparative phylogenetics with *Glycine max***
Reena Deshmukh, Banaras Hindu University, India

AH- 012 **Title: Isolation of desirable induced morphological mutations in elite lines from a population of *Abelmobchus esculentus* (L.) moench by gamma rays and ems**
Vaibhav Chaudhary, Junagadh Agricultural University, India

AH- 013 **Title: Introgression of stigma exsertion trait into IR58025B, an elite maintainer line of rice (*Oryza sativa* L.)**
Rahul Priyadarshi, Barwale Foundation Research Centre, India

AH- 014 **Title: Constraints faced by the farm women in the use of mass media**
Lad Anuradha Subhashrao, Vasantrao Naik Marathwada Krishi Vidyapeeth, India

AH- 015 **Title: Alteration in rice proteome due to boron toxicity in growing seedling stage**
Anjana Rani, Banaras Hindu University, India

AH- 016 **Title: Effect of weed control methods on growth and yield of groundnut (*Arachis hypogaea* L.)**
Prashant Kumar Jadhav, Vasantrao Naik Marathwada Krishi Vidyapeeth, India

AH- 017 **Title: Effect of nutrients and terminal clipping on growth and yield of summer sesame (*Sesamum indicum* l.)**
Dipali Ramesh Kamble, Dr. Panjabrao Deshmukh Krishi Vidhypeeth, India

AH- 018 **Title: Agricultural development in the context of change in crop specialization and land utilization pattern in Maharashtra state**
Supriya Jadhav, Vasantrao Naik Marathwada Krishi Vidhyapeeth, India

AH- 019 **Title: Protective role of *Terminalia arjuna* bark extract over nickel induced toxicity in rice plants**
Ritika Rajpoot, Banaras Hindu University, India

AH- 020 **Title: Antimicrobial activity of *Pseudomonas fluorescens* against root knot nematode, *Meloidogyne incognita* in tomato, *Lycopersicon esculentum* Mill.**
K Sankari Meena, Tamil Nadu Agricultural University, India

AH- 021 **Title: Impact of organic manure and crop residue management on production and soil fertility status in pigeonpea based intercropping system**
Ravindra K Nagar, Dr. Panjabrao Deshmukh Krishi Vidyapeeth, India

AH- 022 **Title: Preparation of ready - to - serve beverage from pomegranate juice**
Narendra Vasure, Dr. Panjabrao Deshmukh Krishi Vidhypeeth, India

AH- 023 **Title: Performance of mango grafts under different environmental conditions**
Ram Kumar Dewangan, Dr. Panjabrao Deshmukh Krishi Vidhypeeth, India

AH- 024 **Title: Effect of pruning intensity on physiological and quality of red globe grapes in summer season crop**
Harikanth Porika, Tamil Nadu Agricultural University, India

AH- 025 **Title: Sunflower Necrosis Disease: Screening germplasm/cultivars for resistance**
Bharati N Bhat, Acharya N. G. Ranga Agricultural University, India

AH- 026 **Title: Effect of type of cuttings and IBA concentrations on the propagation of fig (*Ficus carica*) cv. poona fig under open conditions**
Sivaji Thota, Dr. Y. S. R. Horticultural University, India

AH- 027 **Title: Antifungal activities of bacteria isolated from soil and their role of antibiosis exhibited towards suppression of fungal phytopathogens, *Fusarium udum, Fusarium oxysporum, Rhizocotnia solani, Rhizoctonia oryzae* infecting paddy and pigeon crops in Andhra Pradesh**
Usha Rani Chappidi, Jawaharlal Nehru Technological University- Kakinada, India

AH- 028 **Title: Inheritance of protein content and its relationship with different qualitative and quantitative traits in chickpea**
Aravind Jukanti, Central Arid Zone Research Institute, India

AH- 029 **Title: Morphological diversity analysis of *Sechium edule*- An underutilized crop**
Jyothi Jain, Jain University, India

AH- 030 **Title: Effect of freeze drying process on keeping quality of asiatic lily flower using floral freeze dryer**
E Shirin Hima Bindu, Prof. Jayashankar Telangana State Agricultural University, India

AH- 031 **Title: Light Emitting Diode: A novel technique for preservation of agro and food commodities**
Tamanna R, Indian Institute of Crop Processing Technology, India

AH- 032 **Title: Effect of phosphorus and zinc fertilization on yield, nutritional quality and nutrient content in root of maize in vertisols**
Sarika M Pongde, Dr. Punjabrao Deshmukh Krishi Vidhyapith, India

AH- 033 **Title: Cost of production of burfi blended with walnut powder**
Pooja Mule, Vasantrao Naik Marathwada Krushi Vidyapeeth, India

AH- 034 **Title: Rabi sweet corn response to plant geometry and fertilizer**
P R Mathukia, Junagadh Agricultural University, India

AH- 035 **Title: Development of machine for turmeric harvesting**
V P Khambalkar, Dr. Panjabrao Deshmukh Krishi Vidyapeeth, India

AH- 036 **Title: Detection of infestation and management of stored product insect pests of cocoa**
Shrikant, University of Agricultural Sciences, India

AH- 037 **Title: Effect of feeding different levels of *Asparagus racemosus* (Shatavari) and *Withania somnifera* (Ashwagandha) on performance of broilers**
Ritesh Nikam, Vasantrao Naik Marathwada Krushi Vidyapeeth, India

AH- 038 **Title: Performance evaluation of cutting unit of tractor operated sorghum harvester**
Shailesh Thakare, Dr. Panjabrao Deshmukh Krishi Vidyapeeth, India

AH- 039 **Title: Economic analysis of grape production in Latur and Osmanabad district of Maharashtra**
Rachana Kolambkar, Vasantrao Naik Marathwada Krushi Vidyapeeth, India

AH- 040 **Title: Maximization of productivity in maize and field bean intercropping system with different row proportions and nutrient management**
G K Madhu, University of Agricultural Sciences, India

AH- 041 **Title: Studies on colour pattern of Marathwadi buffalo on field scale in Parbhani district**
Deepali Tambe, Vasantrao Naik Marathwada Krishi Vidyapeeth, India

AH- 042 **Title: Correlation and path analysis for yield and yield contributing characters in pigeonpea (*Cajanus cajan* (L.) Mill sp.)**
Seema K Arbad, Vasantrao Naik Marathwada Krushi Vidyapeeth, India

AH- 043 **Title: Carbon sequestration rate, carbon storage rate and biomass estimation in major multipurpose agroforestry tree species in destructive method**
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