

## DAY I Concurrent Session I

### 1. Organic Farming and Natural Farming

Prof.	<b>S.P</b>	Singh	V.P.Singh, Tej Pratap, Neeta Tripathi, Shilpa Patel and M.K.Bhatt	EFFECT OF ESTABLISHMENT METHODS AND WEED MANAGEMENT UNDER ORGANIC PRODUCTION SYSTEM OF RICE-VEGETABLE PEA-SWEET CORN CROPPING SYSTEM	1. Organic Farming and Natural Farming
Dr	<b>P.P.</b>	Chaudhari	B. Zinal	Effect of organic manures and bio-fertilizers on growth, yield and economics of <i>kharif</i> cowpea	1. Organic Farming and Natural Farming
Dr	<b>Adinath N.</b>	Paslawar	V.M. Bhale, V.A. Khadse, S.N. Potkile U.R. Dongarwar and P.V. Shingrup	Productivity potential of major crops and cropping systems under different organic nutrient modules in Vidarbha region of Maharashtra	1. Organic Farming and Natural Farming
Dr	<b>ELISA AZURA</b>	AZMAN	SANJEEV M.P. RAMARAO, ROSLAN ISMAIL, NOR ELLIZA TAJIDIN AND SHIVA DHAR	Effect of liquid organic fertilizer (LOF) on the soil enzyme grown with Brassica rapa var. Chinensis	1. Organic Farming and Natural Farming
Dr.	<b>Ashis</b>	Maity	Jyotsana Sharma, Nilesh Gaikwad and Mallikarjun, H	Influence of organic fertilizers on soil fertility, microbial activity, flowering and fruiting and fruit yield of pomegranate ( <i>Punica granatum L.</i> )	1. Organic Farming and Natural Farming
Dr.	<b>Renu</b>	Singh	Sibananda Darjee, Manoj Shrivastava, Shiva Dhar, Renu Pandey, Neeta Dwivedi, Pooja Laksmidevarhalli Ramalinganna	Effect of natural farming inputs on crop yield of rice-wheat cropping system	1. Organic Farming and Natural Farming
Dr	<b>B.L.</b>	Manjunath	R.H. Laxman and G.K. Ramesha	Rainfed Mango based integrated farming systems for sustainable productivity and profitability	1. Organic Farming and Natural Farming
Dr	<b>Madhumitha</b>	Srinivasan	Anjaly John, Satheskumar Kanagaraj, Abhishek Jain	Predictors of awareness and interest in natural farming- Findings from Andhra Pradesh	1. Organic Farming and Natural Farming
Dr.	<b>SAMRATH Ial</b>	MEENA	R.S.BANA, TEEKAM SINGH, ANCHAL DAS, K.S. RANA AND S.S. RATHORE	Soil moisture and nutrient management for enhanced system productivity, rainfall-use efficiency, profitability and sustainability of pearl millet–mustard system in a semi-arid agro-ecology	1. Organic Farming and Natural Farming
Mr.	<b>Kamal</b>	Garg	SHIVA DHAR, RAENDRA PRASAD MEENA	Productivity and profitability of baby corn ( <i>Zea mays L.</i> ) as influenced by different enriched organic formulations	1. Organic Farming and Natural Farming
Dr.	<b>Bharat</b>	Gudade	S.S. BORA, K.N. HARSHA, AMIT KUMAR, SUBHASH BABU, RAGHAVENDRA SINGH AND A.B. REMASHREE	Impact of foliar nutrition of zinc, manganese and magnesium on productivity and economics of large cardamom under Sikkim condition	1. Organic Farming and Natural Farming

**Rapidfire**

Dr	<b>Jayanta</b>	Layek	Krishnappa R, Anup Das, Sandip Patra, Pankaj Baiswar, Ramesh T And S Hazarika	Integrated organic farming system (IOFS) enhanced system productivity and food security in hill Agriculture	1. Organic Farming and Natural Farming
Dr	<b>Amit A.</b>	Shahane	U.K. behera	Evaluation of lowland rice varieties in acidic soil under organic production system	1. Organic Farming and Natural Farming
Dr	<b>Mude Ramesh</b>	Naik	Umesh Hudedamani	Organic Farming in India: Production Constraints and Policy Recommendations	1. Organic Farming and Natural Farming
Mr.	<b>Deepak Kumar Meena</b>	Meena	Mona Ranjan Sharma	PROM and biodynamic manure for sustainable soil management in rainfed agro-ecosystems	1. Organic Farming and Natural Farming
Dr	<b>Supriya</b>	Singh	D.K. Singh and Parkash Verma	Yield attributes and yields of Organic Scented Rice ( <i>Oryza sativa</i> L.) in North-West plains of India	1. Organic Farming and Natural Farming
Dr	<b>P.C.</b>	Ghasal	Jairam Choudhary, Debashis Dutta, Chandra Bhanu, A.L. Meena, Kamlesh Kumar, R.P. Mishra, Raghuvveer Singh	Mustard Oilcake Integration for Organic Nutrient Management in Wheat under Upper Gangetic Plain Zone	1. Organic Farming and Natural Farming
Dr.	<b>Bharat</b>	Gudade	S.S. BORA, K.N. HARSHA, AMIT KUMAR, SUBHASH BABU, RAGHAVENDRA SINGH AND A.B. REMASHREE	Impact of foliar nutrition of zinc, manganese and magnesium on productivity and economics of large cardamom under Sikkim condition	1. Organic Farming and Natural Farming
Dr.	<b>Mangesh R.</b>	Thakur	S.J. Sindhi, L.H. Saini	Integrated nitrogen management in sorghum to sustain productivity, profitability and soil fertility	1. Organic Farming and Natural Farming

## DAY 1 Concurrent Session 2

### 3. System Approaches for Agro-Ecosystem Sustainability and Integrat

Dr.	<b>S P S</b>	Tanwar	B.K. Mathur, Dheeraj Singh, Subhash Kachchhawaha and N.V. Patil	On Farm performance and farmers participatory assessment of newly introduced Fodder beet crop in farming systems of arid Western Rajasthan	3. System Approaches for Agro-Ecosystem Sustainability and Integrated Farming Systems
Dr.	<b>Sachin</b>	Rautaray	S. Mohanty, S. Pradhan, R.K. Mohanty, R. Dubey, S. Raychaudhuri, A. Sarangi	Systems approach for a water use efficient integrated farming system in high rainfall zone	3. System Approaches for Agro-Ecosystem Sustainability and Integrated Farming Systems

Dr.	<b>SHIVANI,</b>		KIRTI SAURABH, AKRAM AHMED, SANJEEV KUMAR, A.UPADHYAYA AND ANUP DAS	Enhancement of cropping intensity and system productivity through diversification of rice-wheat cropping system in middle Indo-Gangetic Plains	3. System Approaches for Agro-Ecosystem Sustainability and Integrated Farming Systems
Dr.	<b>Sanjeev</b>	Kumar	Shivani, A. Dey and Kamal Sarma, Anup Das	Production and income sustainability through Integrated farming system approaches for small and marginal farmers of Eastern India	3. System Approaches for Agro-Ecosystem Sustainability and Integrated Farming Systems
Dr	<b>P.M.</b>	Shanmugam,	S.P.Sangeetha, P.C.Prabu And S.V.Varshini	Integrated farming system: A tool to achieve national food security with sustainability	3. System Approaches for Agro-Ecosystem Sustainability and Integrated Farming Systems
Dr.	<b>G.</b>	SURESH	MD A AZIZ QURESHI	Evaluation of castor genotypes for their suitability in rabi season	3. System Approaches for Agro-Ecosystem Sustainability and Integrated Farming Systems
Dr.	<b>Paramesha</b>	V	Parveen Kumar	Environmental impact assessment of rice based lowland integrated farming system in the west coast of India	3. System Approaches for Agro-Ecosystem Sustainability and Integrated Farming Systems
Dr.	<b>Sanjay Kumar</b>	Yadav	V.P. Jaiswal, Arun Baitha, S.K. Shukla, A. P. Dwivedi and V.P. Singh	Enhancing sugarcane productivity through diversification of sugarcane based cropping system with medicinal and aromatic plants	3. System Approaches for Agro-Ecosystem Sustainability and Integrated Farming Systems
Dr	<b>Rakesh</b>	Kumar	J.S. Mishra, B.K. Jha, S.S. Naik, S.S. Mali, J.S. Choudhary, Hansraj Hans, A.K. Biswas, Sanjeev Kumar, Anup Das	Conservation agriculture-based crop management practices improved system productivity and soil physical health in rice- fallow system of eastern India	3. System Approaches for Agro-Ecosystem Sustainability and Integrated Farming Systems
Dr	<b>Panneerselvam</b>	Peramaiyan	Sunil Kumar, Malay Kumar Bhowmick, Virender Kumar	Mechanized crop establishment methods for improving rice-based systems productivity in Eastern India	3. System Approaches for Agro-Ecosystem Sustainability and Integrated Farming Systems

## Rapidfire

Dr	<b>Dinesh</b>	Jinger	Vijaysinha Kakade, D. Dinesh, Gaurav Singh, A.K. Singh, M.J. Kaledhonkar, M. Madhu	Dragon fruit based-horti-silviculture system for enhancing ecosystem services of Mahi ravines of Central Gujarat	3. System Approaches for Agro-Ecosystem Sustainability and Integrated Farming Systems
Dr.	<b>Bipin</b>	Kumar	Abir Dey, Himani Bisht, Shaloo, P.S. Brahmanand	Impact of concentrated application of FYM inside the raised bed on productivity of maize-wheat at different water regimes	3. System Approaches for Agro-Ecosystem Sustainability and Integrated Farming Systems
Dr.	<b>Mavji</b>	Patidar	P.R. Meghwal, B.K. Mathur	Improving farm productivity through livestock based farming system in Arid Regions	3. System Approaches for Agro-Ecosystem Sustainability and Integrated Farming Systems
	<b>R.L.</b>			Suitability Assessment of Wheat ( <i>Triticum aestivum</i> L.) under Land Management Units of Arid Western Plain of Gujarat (AESR 2.4), India	3. System Approaches for Agro-Ecosystem Sustainability and Integrated Farming Systems
Dr.		Meena			
Dr.	<b>SATISH</b>	IMADE	J.D. THANKI, N.N. GUDADHE AND B.A.GUDADE	Direct and residual effect of INM on green gram under rice-green gram cropping sequence	3. System Approaches for Agro-Ecosystem Sustainability and Integrated Farming Systems
	<b>Amit</b>	Kumar	AMIT KUMAR, SAURAV SAHA, T.L. BHUTIA, RAGHAVENDRA SINGH, SUBHASHBABU, B.A. GUDADE, RAMGOPAL DEVADAS AND V.K. MISHRA	Impact of organic nutrition on productivity and economic viability of maize based cropping systems in terraced land of Sikkim Himalayas	3. System Approaches for Agro-Ecosystem Sustainability and Integrated Farming Systems
Dr.					
Dr	<b>G.</b>	Manjulatha	E.Rajanikanth <sup>2</sup> , Krishna Chaitanya <sup>3</sup> , and S.Triveni <sup>4</sup>	Integrated effect of biofertilizers, organic manures and inorganic fertilizers on growth and yield of winter maize	3. System Approaches for Agro-Ecosystem Sustainability and Integrated Farming Systems

## DAY 1 Concurrent Session 3

### 7. Agro-Ecological Approaches for Biotic and Abiotic Stress Management

Prof.	<b>Murali Arthanari</b>	Palanisamy	M. Raju, E. Subramanian and Sathish Kumar	Weed biology and its impact on crop weed competition in direct seeded rice ecosystem	7. Agro-Ecological Approaches for Biotic and Abiotic Stress Management
Dr	<b>Kuldeep</b>	Singh	Sudhir Kumar Mishra and Vikrant Singh	Exploring climatic resilience in promising sugarcane varieties through irrigation scheduling in semi arid regions of Punjab	7. Agro-Ecological Approaches for Biotic and Abiotic Stress Management
Dr	<b>D.D.</b>	Chaudhari	V.J. Patel, A.S. Bhanvadia and B.D. Patel	Integrated weed management in dry direct seeded rice under irrigated condition	7. Agro-Ecological Approaches for Biotic and Abiotic Stress Management
Dr	<b>RAJVIR</b>	SHARMA	V OM SUBHAM	Bio-efficacy and selectivity of	7. Agro-Ecological
Dr	<b>G.A.</b>	RAJANNA	B. C. AJAY	Agro-techniques for minimizing groundnut yield losses in frequent drought situations	7. Agro-Ecological Approaches for Biotic and Abiotic Stress Management
Dr	<b>Prabhu</b>	Govindasamy	WATIYANGLA KICHU2, R.S. BANAI, VIJAY POONIYA1, K.S. RANA1, RISHI RAJ1, T.K. DAS1 AND GOPAL TIWARI1	Early deduction of Malva parviflora (Common mallow) invasion in wheat crop	7. Agro-Ecological Approaches for Biotic and Abiotic Stress Management
Dr.	<b>Rishi Raj</b>	Raj	Dr. T.K. Das, Dr. Prabhu Govindasamy	Tillage, residue and herbicides effects on weed and nematode management in direct seeded rice	7. Agro-Ecological Approaches for Biotic and Abiotic Stress Management

### Rapidfire

Dr	<b>Shiv Ram</b>	Samota	R.S. Chhokar <sup>1</sup> , S.C. Gill <sup>1</sup> , D. B. Yadav <sup>2</sup> , S.C. Tripathi <sup>1</sup> and Nitesh Kumar <sup>1</sup>	Pyroxasulfone based herbicide combinations for weed control in conservation tillage wheat	7. Agro-Ecological Approaches for Biotic and Abiotic Stress Management
Dr	<b>Bonti</b>	Gogoi	Bonti Gogoi, Niranjan Deka, Prasanna Kumar Pathak	CHEMICAL MANAGEMENT OF OROBANCHE IN TORIA (BRASSICA CAMPESTRIS L. VAR. TORIA)	7. Agro-Ecological Approaches for Biotic and Abiotic Stress Management

Dr	<b>V.K.</b>	Choudhary	V.K. CHOUHARY, R.P. DUBEY, P.K. MUKHERJEE AND J.S. MISHRA	Optimizing seed rate and weed management for weed control, crop productivity and profitability in dry-seeded rice	7. Agro-Ecological Approaches for Biotic and Abiotic Stress Management
Dr	<b>Bharat Lal</b>	Meena	Bharat Lal Meena, D.S. Meena, Rani Saxena and Bahnu Pratap Ghasil		7. Agro-Ecological Approaches for Biotic and Abiotic Stress Management
Dr	<b>Tushar</b>	Kumar	P.S. Patel and N.G. Savani	Drainage technology to ameliorate waterlogging and salinity	7. Agro-Ecological Approaches for Biotic and Abiotic Stress Management
Dr.	<b>Dibakar</b>	Ghosh	Madhumita Das, Ashis Maity, Partha Debroy, K. Laxminarayana1, Mausumi Raychaudhuri, Arjamadutta Sarangi	Organic manure alleviates hexavalent chromium (Cr)-induced phytotoxicity by restricting Cr translocation in rice ( <i>Oryza sativa</i> L)	7. Agro-Ecological Approaches for Biotic and Abiotic Stress Management
Dr.	<b>MARUTHADURAI</b>	R	R. RAMESH, CHANNABASAVA V, PARVEEN KUMAR	Impact of pulses and legume based intercropping on the incidence of invasive fall armyworm <i>Spodoptera frugiperda</i> L. in Fodder Maize	7. Agro-Ecological Approaches for Biotic and Abiotic Stress Management
Dr	<b>Prithwiraj</b>	Dey	PRITHWIRAJ DEY and B.S. MAHAPATRAc	Lodging reduction and quality improvement of fibre flax with seed rate and nutrient management	7. Agro-Ecological Approaches for Biotic and Abiotic Stress Management
Dr	<b>E.</b>	RAJANIKANTH	G. MANJULATHA	Effect of tillage, mulching and hydrogel on performance of rainfed maize	7. Agro-Ecological Approaches for Biotic and Abiotic Stress Management

### **DAY 1 Concurrent Session 1**

#### **4. Machine Learning and Artificial Intelligence in Smart Agronomic**

Dr	<b>M.Malla</b>	Reddy	M. MALLA REDDY, N. LAVANYA, G. RAJITHA, K. SRIDHAR, AND B. PADMAJA	New Approaches in Mechanization of Cotton ( <i>Gossypium hirsutum</i> L.) Production in India	4. Machine Learning and Artificial Intelligence in Smart Agronomic Management
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Dr	<b>Shivashankar</b>	K.	<sup>2</sup> M.P. Potdar, <sup>3</sup> D.P. Biradar, <sup>4</sup> K.K. Math and <sup>5</sup> Gurupada Balol	Artificial intelligence based leaf nitrogen estimation in Maize	4. Machine Learning and Artificial Intelligence in Smart Agronomic Management
Dr.	<b>Ram Swaroop</b>	Bana	Shanti D Bamboriya	Identifying optimum residue levels under conservation agriculture for sustainable crop and water productivity of rice-wheat rotation using APSIM model	4. Machine Learning and Artificial Intelligence in Smart Agronomic Management

## DAY 2 Concurrent Session 2A

### 5. Carbon Management in Agricultural Production Systems

Dr.	<b>RAJ</b>	SINGH	TEEKAM SINGH, AND MANJESH KUMAR GAUTAM	Improving soil properties, organic carbon storage and productivity through tillage and residue management in pearl millet-based cropping systems under semi-arid environments	5. Carbon Management in Agricultural Production Systems
Dr.	<b>Bipin Bihari</b>	Panda	J Jena, N Pandey, AK Nayak	Effect of residue management on productivity and greenhouse gas emissions from rice in an intensive rice based cropping systems	5. Carbon Management in Agricultural Production Systems
Dr.	<b>A.V.</b>	RAMANJANE YULU	A.V. RAMANJANEYULU AND T. CHAITANYA	Carbon sequestration and performance of fodder grasses under <i>Melia dubia</i> based silvi-pastoral system	5. Carbon Management in Agricultural Production Systems
Dr	<b>Subhash</b>	Babu		Designing system approach for Enhancing Energy Use Efficiency and Reducing Carbon Footprint in Indian Agriculture	5. Carbon Management in Agricultural Production Systems
Dr	<b>Raman Jeet</b>	Singh	N.K. SHARMA, GOPAL KUMAR, TRISHA ROY, UDAY MANDAL, ANAND KUMAR GUPTA, RAMA PAL, J.S. DESHWAL, MUDIT MISHRA AND M. MADHU	Modified tillage and surface residue cover management practices for successful implementation of conservation agriculture on rainfed sloping crop lands of Himalaya	5. Carbon Management in Agricultural Production Systems
Dr	<b>Teekam</b>	Singh	Anchal Dass, RS Bana and Raj Singh	Tillage and concentrated urea spray as defoliator effect on pigeon pea productivity and shaded leaf biomass in pigeonpea-wheat rotation	5. Carbon Management in Agricultural Production Systems
Dr	<b>Sukanta</b>	K. Sarangi	S. Raut, U.K. Mandal and K.K. Mahanta	Smart cropping systems for climate change adaptation, mitigation and economic gain in the coastal region	5. Carbon Management in Agricultural Production Systems

## Rapidfire

Dr.	<b>MHASKAR</b>	N.	V., BHAGAT S. B., JONDHALE D. G. AND BODAKE P. S.	Management of green house gas emissions through integrated farming systems	5. Carbon Management in Agricultural Production Systems
Dr.	<b>Abir Dey</b>	Deepak, Bamel	, Debarup Das, Bijan Kumar Mondal, MC Meena	Temperature sensitivity of carbon mineralization from different crop residues with different biochemical compositions	5. Carbon Management in Agricultural Production Systems
Dr.	<b>Manish</b>	Kushwaha	Parveen Kumar, Rakesh Kumar and Dinesh Kumar	Combined application of fertilizer and municipal solid waste compost affects nutrient dynamics and fodder yield of baby corn	5. Carbon Management in Agricultural Production Systems
Dr.	<b>Sunil</b>	Kinge	. A. Bhalerao <sup>2</sup> , A. J. Rathod <sup>3</sup> and M. N. Wairagade <sup>4</sup>	fluence of Land Configuration and Crop Residue Management on Yield of Soybean (Glycine max (L.) Merrill	5. Carbon Management in Agricultural Production Systems
Dr	<b>Aliza</b>	<u>Pradhan</u>	, G C Wakchaure <sup>1</sup> , D Shid <sup>1</sup> , A Chaudhary <sup>1</sup> , A K Biswas <sup>2</sup> , K Sammi Reddy <sup>1</sup>	Soil biology and organic carbon pools as affected by tillage, residue and nutrient management practices during multi-ratoons of sugarcane in semi-arid tropics	5. Carbon Management in Agricultural Production Systems
Dr	<b>Pragya</b>	Naithani		Mitigating Carbon Footprint through Tillage and Nutrient Management in Wheat Cultivation Precision	5. Carbon Management in Agricultural Production Systems
Dr	<b>KRUTIKA SUBODH</b>	PATEL		BIOCHAR : A SUSTAINABLE WAY OF ORGANIC FARMING	5. Carbon Management in Agricultural Production Systems
Ms.	<b>Gunjan</b>	Guleria	Susheel Kumar Singh, Rajiv Nandan, Anusuiya Panda and A.R. Sharma	Effect of tillage and weed management practices on mustard crop in Bundelkhand region	5. Carbon Management in Agricultural Production Systems
Dr	<b>Kadagonda</b>	Nithinkumar	S. P. SINGH, VED PRAKASH	Nitrogen management and detasseling time to enhance the productivity of winter baby corn (Zea mays L.)	5. Carbon Management in Agricultural Production Systems
Dr.	<b>Mudalagiriappa</b>	M.N.,	Thimmegowda, B.G., Vasanthi, K., Devaraja and Latha, H.S.	Assessment of Productivity and Energetics of different tillage and cover crops in finger millet + pigeonpea (8:2) intercropping system under conservation agriculture practices	5. Carbon Management in Agricultural Production Systems
Mr.	<b>Tarun</b>	Sharma	T. K. Das, Rishi Raj, Prabhu Govindasamy, Suman Sen, Arkaprava Roy	Conservation Agriculture in pigeon pea-wheat system can build up soil organic carbon and reduce carbon footprints of wheat production	5. Carbon Management in Agricultural Production Systems



## DAY 2 Concurrent Session 3

### 2. Precision Input Management

Dr	<b>Raghavendra</b>	Singh	C.S. Praharaj, Narendra Kumar, C.P. Nath, Asik Dutta, R. P. Shakya, Subhash Babu	EFFECT OF CONSERVATION TILLAGE AND PRECISION IRRIGATION SCHEDULING ON PRODUCTIVITY AND RESOURCE USE EFFICIENCY IN FIELDPEA	2. Precision Input Management
Dr.	<b>Kodary Avil</b>	Kumar	C. Lokesh, Md. Latheef Pasha, T. L. Neelima, Neha Kulkarni, K. Chaitanya , S. Lakshmi* and B.I. Balaji*	Yield and Economics of Different Rabi crops underneath AgroPhotoVoltaic System	2. Precision Input Management
Dr.	<b>V. Visha</b>	Kumari	GOPINATH K.A, SUVANA S, MANORANJAN KUMAR, SARATH CHANDRAN M.A, A K. SHANKAR, B.M.K. RAJU, N. JYOTHILAKSHMI, G. VENKATESH AND V.K. SINGH	Climate resilient double cropping system for resource conservation and sustainability in rainfed Alfisols	2. Precision Input Management
Dr.	<b>ANIL</b>	CHOUDHAR Y	Jagdev Sharma, Sanjay Rawal, P. Janani, Brajesh Singh	Influence of organic farming, integrated crop management and conventional farming practices on potato productivity, profitability & ecological footprints in wet-temperate Himalayas	2. Precision Input Management
Dr.	<b>T.</b>	Selvakumar	and K.R.V. Sathya Sheela	Efficacy of nano urea application in Maize productivity	2. Precision Input Management
Prof.	<b>MANUKONDA</b>	SRINIVAS	G. Surya Teja, K.M. Dakshina Murthy and M. Bharatha lakshmi	Performance of Rice (Oryza sativa. L) under different Puddling practices and Planting techniques	2. Precision Input Management
Dr.	<b>V.</b>	Ramulu	M. Uma Devi, J. Harish and M. Balram	Field evaluation of nano soil moisture sensors for higher water productivity	2. Precision Input Management
Dr.	<b>B.T.</b>	Sinare		Efficacy of different weed management methods for weed control and yield of soybean (Glycine max L.)	2. Precision Input Management
Dr.	<b>S.</b>	Vijayakumar	Virender Kumar, T Ramesh, Jerico Stefan Bigornia	Determination of optimum spray volume for systemic herbicide application in dry direct seeded rice through Unmanned Aerial Vehicle	2. Precision Input Management
<b>Rapidfire</b>					
Dr.	<b>K.C.</b>	Sharma	K.S. SOLANKI	Effect of growth retardants and nitrogen levels on the lodging, growth and productivity of wheat (Triticum aestivum L.) in Vertisols of Central India	2. Precision Input Management

Dr.	<b>Saroj Kumari</b>		ANIL KUMAR, AKSHIT, DIVYA PRASHAR	EFFECT OF REGULATED WATER DEFICIT SCHEME ON PLANT HEIGHT OF WHEAT	2. Precision Input Management
Dr.	<b>Vishal</b>	Tyagi	Mona Nagargade, Subahsh Babu, Sanjay Singh Rathore	Assessing the effect of cropping system and phosphorus management on growth and economics of maize based systems under conservation agriculture	2. Precision Input Management
Dr.	<b>Dogga</b>	Sreelatha	Dr.E.Rajanikanth,Dr. P.Revathi, Dr.A.KrishnaChaitanva	Nitrogen levels and Schedules for enhancement of yield in Dry Direct Seeded Rice (D-DSR) in Telangana State	2. Precision Input Management
Dr.	<b>MOHAMMAD</b>	HASANAIN	V.K. SINGH*2, S.S. RATHORE3, SUBHASH BABU4, RAJIV K. SINGH5, KAPILA SHEKHAWAT6, B.S. DWIVEDI7, P.K. UPADYAYA8, KARTHIK SHARMA9, SANDEEP KUMAR10, AYESHA FATIMA11 and GAURAV VERMA12	Precision Nutrient Management under Conservation Agriculture based Wheat in Indo-Gangatic Plain Zone of India	2. Precision Input Management
Dr.	<b>HARISH</b>	M N	ANIL K CHOUDHARY, S R K SINGH, A A RAUT	Effect of Tillage and Phosphorus fertilization on growth indices in wheat under Maize-Wheat Cropping System	2. Precision Input Management
Dr.	<b>HEMALATHA</b>	MUNIYAND I	JOSEPH MANI, VELAYUTHAM. A	Iron and Zinc fortification of rice seeds for Production of sturdy seedlings suitable for machine transplanting	2. Precision Input Management
Dr.	<b>Mukesh</b>	Kumar	Mukesh Kumar, Vikas Rai, Ravish Chandra,Rajan Kumar	Tillage and irrigation methods affect the root growth, water use efficiency and productivity of wheat	2. Precision Input Management
Dr.	<b>BHARAT</b>	PRAKASH MEENA	A.K. BISWAS, A.B. SINGH, R.S. CHAUDHARY AND R.H. WANAJRI	Integrated nutrient management practices for crop growth and productivity in maize-chickpea cropping sequence in Vertisol	2. Precision Input Management
Dr.	<b>Debarup</b>	Das		Effects of seaweed extractr-based products on the performance of wheat crop under sub-optimal NPK fertilization	2. Precision Input Management

### DAY 2 Concurrent Session 1

## 6. Millets (Shree Anna) for Human and Environmental Health

Dr	<b>R. Srinivasa</b>	Rao	V. Laxminarayanamma and S Vindya	Evaluation of Sorghum ( <i>Sorghum bicolor L.Moench</i> ) Varieties under Late Rabi conditions in Bhadradi Kothagudem District of Telangana	6. Millets (Shree Anna) for Human and Environmental Health
Dr.	<b>Ashok</b>	Kumar	Vikas, Ritu Nagdev, Jaya N Surya	Evaluation of soil suitability for pearl millet as an alternate land use option towards achieving food and nutritional security and climate resilience -A case study in IGP	6. Millets (Shree Anna) for Human and Environmental Health
Dr	<b>Ranjita</b>	Brahma	N. J. Ojha, Dr. K. Pathak, Dr. C. K. Sarma	Performance of finger millet cultivars under different sowing windows in rainfed upland of Lower Brahmaputra Valley Zone of Assam	6. Millets (Shree Anna) for Human and Environmental Health
Dr	<b>G. Ravi</b>	Shankar	YOGESH, L.N., DESAI, B.K., SATYANARAYA NARAO AND HANUMANTHAP PA,M.	Response of browntop millet ( <i>Brachiaria ramosa</i> (L.) to dates of sowing, fertilizer levels and row spacings	6. Millets (Shree Anna) for Human and Environmental Health
Dr	<b>Sonali</b>	Chaudhari	Susheel Singh, T. R. Ahlawat, Priya Chaudhari	Millets : Resilient Staples	6. Millets (Shree Anna) for Human and Environmental Health
Dr..	<b>Vikas</b>	Gupta	A.P. Singh, Sanjeev		6. Millets (Shree Anna) for Human and Environmental Health
Dr	<b>B.O.</b>	Mallikarjuna	T.N. Devaraja	Assessment of Different Foxtail Millet Varieties for Growth and yield under Rain fed Farming	6. Millets (Shree Anna) for Human and Environmental Health
Dr	<b>Parminder Singh</b>	Sandhu	Manpreet Jaidka and Navjot Singh Brar	Descriptive analysis of Scenario of Millet Consumption in the District Moga and Tarn Taran Punjab - A Survey	6. Millets (Shree Anna) for Human and Environmental Health
Dr.	<b>P. UDAY</b>	DELEEP,	R. NASEERUDDIN, Y. REDDI RAMU, T.N.V.K.V. PRASAD	Strategic approach of nitrogen sources on yield of finger millet ( <i>Eleusine coracana</i> (L.) Gaertn.)	6. Millets (Shree Anna) for Human and Environmental Health
Dr.	<b>P.</b>	Ashoka	Mahantesh B Nagangoudar	STUDIES OF ESTABLISHMENT TECHNIQUES AND VERIED NUTRIENT LEVELS ON YIELD AND ECONOMICS OF TEFF- AN EMERGING NEW CLIMATE CROP	6. Millets (Shree Anna) for Human and Environmental Health
Dr.	<b>BISWAJIT</b>	PRAMANICK,	SANJU CHOUDHARY, MUKESH KUMAR, R.K. JHA, DEVENDRA SINGH	Site-specific nutrient management using GreenSeeker-based N-management can improve the bioenergetics of finger millet cultivation	6. Millets (Shree Anna) for Human and Environmental Health

Dr.	<b>AALOK</b>	YEWALE	Udit Joshi, Priyanka Rajput and Ajay Kumar	Assessment on perception of farmers towards consumption pattern and health benefits of millets among rural inhabitants of Tehri Garhwal	6. Millets (Shree Anna) for Human and Environmental Health
Dr	<b>KESHAV</b>	PATIDAR	Susheel Singh, T. R. Ahlawat, V. P. Usadadiya, Jay Patoliya, Mili Patel, D. R. Devani	INCREDIBLE POST-HARVEST VALUE ADDED PRODUCTS OF MILLETS	6. Millets (Shree Anna) for Human and Environmental Health

### DAY 2 Concurrent session 3A

### Special Oral/Rapidfire Presentation

Dr	<b>Ipsita</b>	Kar	Rabiratna Das and S. Karubakee	Effect of different organic manures and Bio NPK consortium on yield and quality of Asalio ( <i>Lepidium sativum</i> L).	1. Organic Farming and Natural Farming
Dr.	<b>Joseph</b>	Mani	Hemalatha Muniyandi, Velayutham, A	Effect of Enhanced nutrients levels and irrigation regimes on use efficiencies of wet seeded rice under Tamirabarani command area of Tamil Nadu	2. Precision Input Management
Dr.	<b>K</b>	SHEKAR	SHEKAR	IMPACT OF TECHNOLOGICAL INTERVENTIONS ON PRECISION NITROGEN MANAGEMENT IN GREEN GRAM PRECEEDING RICE FOR SUSTAINABLE SOIL HEALTH MANAGEMENT	2. Precision Input Management
Dr.	<b>Balaji</b>	Naik	ARUNA MALOTH, SREENIVAS GADE, KARAN CHOUDARY	Spectral Vegetation Indices for Detection of Water and Nitrogen Stress in Maize	2. Precision Input Management
Dr.	<b>K.V.</b>	RAMANA MURTHY	M. B. G. S. KUMARI AND T. CHITKALA DEVI	Efficient cropping systems for sugarcane under irrigated condition	3. System Approaches for Agro-Ecosystem Sustainability and Integrated Farming Systems
Dr.	<b>J.S.</b>	Bindhu	Jacob JOHN, MEERA, A.V., SUDHA,B.	Diversification of farming system models through integrated approach in West coast plain and Ghat region	3. System Approaches for Agro-Ecosystem Sustainability and Integrated Farming Systems
Dr	<b>ASHA</b>	RAM	Vartika Shakya, Inder Dev, Naresh Kumar, Sovan Debnath, A. Arunachalam	Conservation agroforestry: A new concept of climate resilient production system	3. System Approaches for Agro-Ecosystem Sustainability and Integrated Farming Systems

Dr	<b>Arkaprava</b>	Roy		Silicon enhances extractable arsenic in soil but reduces its uptake in rice	3. System Approaches for Agro-Ecosystem Sustainability and Integrated Farming Systems
Dr.	<b>Desam. Lakshmi</b>	Kalyani	M. Siva Rama Krishna, K. Mohan Vishnu Vardhan, K. Venkataramanamma, N.C.Venkateswarlu, Y. Lavanya	Enhancing Profitability, Sustainability and Yield in Bt Cotton through a Multitier Cropping System	3. System Approaches for Agro-Ecosystem Sustainability and Integrated Farming Systems
Dr.	<b>T.L.</b>	NEELIMA,	K. AVIL KUMAR AND P. RAGHU RAMI REDDY	Mapping the early season rice area using Time series Sentinel 1 SAR Data on Google Earth Engine in Nizamabad District	4. Machine Learning and Artificial Intelligence in Smart Agronomic Management
Dr.	<b>Rameti</b>	Jangir	Moola Ram	Conservation agricultural practices	5. Carbon
Dr	<b>M.A.</b>	Ansari	ANSARI, N.	Comparative analysis of sustainable	9. Redesigning
Dr	<b>Jyoti</b>	Gaikwad	Sonal Tripathi, Mahesh Gaikwad and H. M. Viridi	Role of liquid organic manures in pulses, oilseeds and vegetables crop production	1. Organic Farming and Natural Farming
Dr.	<b>Dileep</b>	Kumar	VP Singh, KK Singh and SR Singh	EFFECT OF DATE OF RATOON INITIATION AND INTEGRATED NUTRIENT MANAGEMENT ON YIELD ATTRIBUTES AND YIELD OF SUGARCANE ( <i>Saccharum officinarum</i> L.) RATOON CROP	2. Precision Input Management
Mr.	<b>Nitin</b>	Gudadhe	Ranjit Mahanta <sup>1</sup> , Vaibhavkumar N. Mehta and H. M. Virdia	Nano atrazine synthesis and application for environmentally benign weed control in maize	2. Precision Input Management
Ms.	<b>Anjali</b>	Rawat	Subhash Chandra, Dinesh Kumar Singh	Nutrient management in soybean ( <i>Glycine max</i> L.)	2. Precision Input Management
Dr	<b>Sanketh</b>	G.D.	Kapila Shekhawat, S S Rathore, Subhash Babu, Rajiv K Singh, Pravin K Upadhyay and Vipin Kumar	Nitrogen management in rice wheat system under various crop establishment protocols	2. Precision Input Management
Mr.	<b>Vipin</b>	Kumar	Kapila Shekhawat, S S Rathore, Rajiv Kumar Singh, Sanketh GD, S K Prajapati	Effect of polyhalite on productivity and uptake of potassium and sulphur in wheat under Indo-Gangetic plains of India	2. Precision Input Management

Mr.	<b>Satyam</b>	Rawat	RAJIV K SINGH, PK UPADHYAY, KAPILA SHEKHAWAT, SANDEEP KUMAR1, SHASHANK PATEL AND RAJAN SHUKLA	Comparing the Effect of Different Nitrogen Doses and Foliar Spray (Nano-urea vs. Prilled Urea) on Leaf Nitrogen Content and Productivity of Maize in Rainfed Soil of Eastern Indian	3. System Approaches for Agro-Ecosystem Sustainability and Integrated Farming Systems
					3. System Approaches for Agro-Ecosystem Sustainability and Integrated Farming Systems
Ms.	<b>Kavita</b>	Kumari	B. R. Goud, Annie Poonam and A. K. Nayak	Soil chemical dynamics in long-term integrated rice-based farming systems: A case study from Eastern India	3. System Approaches for Agro-Ecosystem Sustainability and Integrated Farming Systems
Dr	<b>Shreyas</b>	Bagrecha	Ramesh Kumar Singh and Deepirekha Mahapatra	Biostimulants protein hydrolysates and seaweed extract differential rate influences growth and yield of transplanted rice ( <i>Oryza sativa</i> L.)	3. System Approaches for Agro-Ecosystem Sustainability and Integrated Farming Systems
Ms.	<b>Ananya</b>	Gairola	S. K. KHOKHAR	Chemical weed management in irrigated chickpea ( <i>Cicer arietinum</i> L.)	7. Agro-Ecological Approaches for Biotic and Abiotic Stress Management
Dr	<b>Nilutpal</b>	Saikia	Nilutpal Saikia, Manoj Kumar Singh	Effectiveness of ALS and ACCase Inhibitor herbicides on weed management in DSR and PTR	7. Agro-Ecological Approaches for Biotic and Abiotic Stress Management

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