

# Poster List schedule

## Session I DAY 1

### 1. Organic Farming and Natural Farming

P1	Dr	<b>A.</b>	Latha	ARATHY P SHAJI, SUMA NAIR	Agricultural Research Station, Mannuthy, Kerala Agricultural University, Thrissur, Kerala – 680651	Development of nutrient management schedule for rice in Kole lands under organic management
P2	Dr	<b>Arvind</b>	Verma	Ruchika Choudhary, and Name Surname <sup>3</sup>	<sup>1</sup> Department of Agronomy, MPUAT, Udaipur, 313001	Effect of organic weed management on weed dynamics of baby corn ( <i>Zea mays</i> )
P3	Dr	<b>Anchal</b>	Sharma	G.D Sharma, Vaishali, Tarun Sharma	Department of Agronomy, College of Agriculture, Chaudhary Sarwan Kumar Himachal Pradesh Krishi Vishvavidyalaya, Palampur-176062	Evaluation of okra ( <i>Abelmoschus esculentus</i> (L.) Moench) varieties for yield, economics and soil properties under different farming practices
P4	Dr	<b>Bhuvnesh</b>	Upmanyu	<i>Akash Rana</i>	Department of Agronomy, CSK Himachal Pradesh Krishi Vishvavidyalaya, Palampur, H.P.-176 062	Studies on sowing time and nutrient management on performance of new genotype of indian mustard ( <i>brassica juncea</i> (L.) Czerni. Cosson)
P5	Dr	<b>G.K.</b>	Mote	M.J. Mane, T.N. Thorat, P.S. Bodake S.H. Lohale and K.S. Raut	Department of Agronomy, Dr. Balasaheb Sawant Konkan Krishi Vidyapeeth, Dapoli Dist.-Ratnagiri, Maharashtra 415712	Bio efficacy of foliar applied bio stimulants on growth, yield and economics of rice ( <i>Oryza sativa</i> L.)
P6	Dr	<b>D.K.</b>	Borse	M.R. Wahane <sup>2</sup> K.P. Vaidya <sup>3</sup> , S.B. Bhagat <sup>4</sup> P.S. Bodake <sup>5</sup> and S.S. Sayyad	Agriculture Research Station, Palghar Dist. Palghar	Organic Nutrient Management in Salt Tolerant Rice Varieties under Direct Seeded Method in Coastal saline soils of North Konkan region
P7	Dr	<b>Shoukat</b>	Pinjari	Sonal Mohite, Dyaneshwar, Jagtap Nandkumar Meshram Prashant Bodke and Dipak Borse	Department of Agronomy, College of Agriculture, Dr. Balasaheb Sawant Konkan Krishi Vidyapeeth, Dapoli, Maharashtra-415 712	Effect of organically transplanted rice on nutrient, microbial status and properties of soil
P8	Dr	<b>Manoj S.</b>	Talathi	P.M. Mandavkar, S.J. Padhye, R.G. Manjrekar, J.S. Arekar, M.J. Gitte, P.A. Sawant	426 Dabhol Road, Kalpana Niwas, Dapoli 415 712, Maharashtra	Organic farming a need of today's agriculture
P9	Dr	<b>S.M.</b>	Patel	K.I. Patel, H.B. Patel, Fadadu Mayank and P.J. Patel	Seed Spices Research Station, S.D. Agricultural University, At & Post : Jagudan, Dist : Mehsana, Gujarat	Effect of fertilizer levels and cow based bio-enhancer on rabi fennel( <i>Foeniculum Vulgar Mill.</i> ).
P10	Dr	<b>C.H.</b>	Raval	Lakshman and H.K. Patel	Department of Natural Resource Management, College of Horticulture, Anand Agricultural University, Anand (Gujarat)	INTEGRATED NUTRIENT MANAGEMENT ON SEMI RABI GREEN GRAM
P11	Dr	<b>P.V.</b>	Shingrup	A.N.Paslawar, B.V.Saoji, V.M.Bhale, N.D.Parlawar, Y.V. Ingle, D.V.Mali and P.N. Chirde	Centre for Organic Agriculture Research & Training (COART), Department of Agronomy, Dr. Panjabrao Deshmukh Krishi Vidyapeeth, Akola – 444104 Maharashtra (India)	Impact of Cropping Systems and Nutrient Management on Cotton Equivalent Yield, Insitu-Biomass conservation under Rainfed condition
P12	Dr	<b>Jairam</b>	Choudhary	Prakash Chand Ghasal, Debashis Dutta, Chandra Bhanu, A. L. Meena, Lalit Kumar, Ekta Narwal Kamlesh Kumar, Raghuvveer Singh	Room No. 116, ICAR-Indian Institute of Farming Systems Research, Modipuram Meerut (U.P.)- 250110	Influence of application rates and types of organic manures on soil microbial properties in a Rice-Mustard cropping system
P13	Dr	<b>SAIZAL</b>	JAMWAL	RAKESH KUMAR	Agrotechnology Division, CSIR-Institute of Himalayan Bioresource Technology, (Council of Scientific and Industrial Research) Palampur 176061 (HP)	Effect of seaweed extract on essential oil content and composition of holy basil ( <i>Ocimum tenuiflorum</i> L.) in the Western Himalayas

P14		Dr	<b>SAHADEVA</b>	SINGH	M.V. VENUGOPALAN2 AND ASHIRBACHAN MAHAPATRA3*	Assistant Professor (Agronomy), M. S. Swaminathan School of Agriculture, Centurion University of Technology and Management, Odisha, India, PIN - 761211	Approaches and Plan for the Reinvigoration of the Organic Cotton Sector in India
P15		Dr	<b>Yonika</b>	Saini	P.H. Patel	5 RAM PRATAP COLONY BEHIND CHOUDHRY PETROL PUMP TONK ROAD sanganer jaipur pin code: 302029	Effect of foliar application of panchagavya and banana pseudostem sap on the seed yield and economics of fenugreek
P16		Dr	<b>N.K.</b>	Patke,		AICRP on MAPB, Nagarjuna Medicinal Plants Garden, Dr PDKV Akola 444 104	Response of Shatavari ( <i>Asparagus racemosus</i> ) to different planting methods and organics
P17		Dr	<b>Divya</b>	Prashar	, Lal Singh , Suffiya Wani	Block no -30, Set no- 5, U.S.Club, Shimla, Himachal Pradesh, India	Effect of cutting and nutrient sources on sweet basil ( <i>Ocimum basilicum</i> ) in a temperate condition
P18		Dr	<b>S.K.</b>	Chhodavadia	, P. J. Gohil and M.S. Vasava	Dr. S.K. Chhodavadia Assistant Research Scientist Department of Agronomy, College of Agriculture Junagadh Agricultural University, Junagadh 362001 (Gujarat) E-mail: skchhodavadia@gmail.com	Response of microbial consortia enriched vermicompost in kharif groundnut
P19		Dr	<b>H.P.</b>	Verma	O.P. Sharma, Rajesh Kumar, R.S. Narolia, S.N. Meena, M.L. Jat	College of Agriculture, Hindoli- Bundi Agriculture University, Kota, Rajasthan	Performance of wheat yield, nutrient uptake and soil moisture under management of irrigation schedule and organic fertilizer in North-West India
P20		Dr	<b>HARISH</b>	SHENOY	SIDDARAJU M N	ICAR-KRISHI VIGYAN KENDRA, DAKSHINA KANNADA DISTRICT, KANKANADY FISHERIES COLLEGE CAMPUS, MANGALURU-575002, KARNATAKA	rowth indices of Rice ( <i>Oryza sativa</i> . L) as influenced by substitution ratios of nitrogen nutrient with organic sources.
P21		Dr	<b>PRIYANKA</b>	SAHA	T K DAS, RAJ SINGH, RISHI RAJ, DIBAKAR MAHANTA, PRABHU GOVINDASAMY, SUMAN SEN, ARKAPRAVA ROY, ALEKHYA GUNTURI, TARUN SHARMA	Kaveri hostel, IARI, Pusa	Assessment of the growth and productivity of pigeon pea under pigeon pea-wheat system across various production systems
P22		Dr.	<b>ASHA</b>	CHAVAN	WASUDEV NARKHEDE, SUNITA PAWAR, ANAND KARLE AND DHARMRAJ GOKHALE	VASANTRAO NAIK MARATHWADA KRISHI VIDYAPEETH PARBHANI	Productivity of soybean-chickpea sequence under organic weed management practices in irrigated condition
P23		Dr.	<b>HEMANT</b>	PATIL	JAYPAL CHAURE	MAHATMA PHULE KRISHI VIDYAPEETH,RAHURI	Response of Organic Sources on growth and yield of Lowland Paddy ( <i>Oryza</i> <i>Sativa</i> L.)
P24		Dr.	<b>Rakesh</b>	Kumar	Manju Bala	Agrotechnology Division, CSIR-Institute of Himalayan Bioresource Technology, (Council of Scientific and Industrial Research) Palampur 176061 (HP), India	Performance of Functional Superfood Crop Chia ( <i>Salvia hispanica</i> L.) in Mid Hill Conditions of the Western Himalayas

P25		Dr.	<b>R.M.</b>	PANKHANIYA	R.M. PANKHANIYA, B.B.TANDEL AND S.K.PARMAR	Dr.R.M.Pankhaniya Associate Professor Department of Agronomy N.M. College of Agriculture NAU,Navsari-396450 Gujarat	Response of fodder pearl millet (Pennisetum glaucum L.) to organic and inorganic fertilizers
P26		Dr.	<b>DEEPAK KUMAR</b>	JAIWAL	GIRIRAJ AND SANJAY KUMAR	Dr. Deepak Kumar Jaiswal, Specialist (Bioscience Division), INSTITUTE OF PESTICIDE FORMULATION TECHNOLOGY, Department of Chemicals and Petrochemicals, (Ministry of Chemicals and Fertilizers, Govt. of India), SECTOR – 20 UDYOG VIHAR, ON NH-8, OPPOSITE AMBIENCE MALL, GURGAON - 122 016, HARYANA, (INDIA)	Impact of Hotspot biostimulant on the maize and tomato crop growth, yield and yield attributes
P27		Dr.	<b>A. P.</b>	Italiya	D. V. Patel; A. R. Kawala and P. K. Dubey	Dr. A. P. Italiya, Assistant Research Scientist, SOIL AND WATER MANAGEMENT RESEARCH UNIT, NAVSARI AGRICULTURE UNIVERSITY, NAVSARI- 396 450	EFFECT OF INCUBATION PERIOD ON MICRO-NUTRIENT CONTENT OF PLANT BASED LIQUID ORGANIC NUTRIENT
P28		Dr.	<b>Umesh</b>	Chandra	Phebe Joseph, M. J. Reju and M. D. Jessy	Rubber Board, Regional Research Station, Central Block, First Floor, Housefed Complex, Dispur-781006	“Generation of advance planting materials by In-situ budding on stocks raised in root trainers in the agro-climate of Assam”
P29		Mr.	<b>AKSHAY</b>	BAYSKAR	ANITA CHOREY	At. Sahyadri boys hostel, Dr pdkv Akola ( MS) pin code -444104	Effect of conventional and biodynamic compost on performance of organic chickpea
P30		Mr.	<b>Shivam</b>	Rathi	R.P. Mishra, P.C. Ghasal, Debashis Dutta, N. Ravisankar, and A.S. Panwar	Official Address- IFS Division, ICAR-Indian Institute of farming Systems Research, Modipuram, Meerut- 250110 (Uttar Pradesh), India Residential Address- Ho.N. 132, Vill and post Dudhaheeri, District Muzaffarnagar- 251203 (Uttar Pradesh), India	Poly-4 as a natural source of K, Ca, Mg and S for basmati rice-potato sequence under organic farming systems

P31		Ms.	<b>NALLA</b>	CHARITHA	A.N. PASLAWAR, A.P. KARUNAKAR	NALLA CHARITHA, AHILYA GIRLS HOSTEL, Dr. PDKV, AKOLA 444001	EFFECT OF ORGANIC NUTRIENT MODULES ON GROWTH PARAMETERS, YIELD ATTRIBUTES AND YIELD OF CHICKPEA ON CHICKPEA BASED CROPPING SYSTEMS
P32		Mr.	<b>NEETIRAJ</b>	KAROTIYA	B. GANGWAR	NEETIRAJ KAROTIYA DEPARTMENT OF AGRONOMY INSTITUTE OF AGRICULTURAL SCIENCES BUNDELKHAND UNIVERSITY, JHANSI UTTAR PRADESH - 284128 MOB. 7000589335	Performance of Mungbean under organic management using different land configurations in Bundelkhand region
P33		Dr.	<b>SRI B.S.S. Siddharth</b>	NAIK	S. K. SHARMA, BISWAJIT PRAMANICK, S.K YADAV, M. SUNIL KUMAR	Dr B.S.S. Siddharth Naik Teaching Associate, Department of Agronomy, Agricultural College, Bapatla -522101	Role of Silicon Fertilization under Varied rates of N Application through FYM on Productivity of Sweet Corn (Zea mays L. sachharata) Under Organic Situation
P34		Dr.	<b>Santosh</b>	Onte	Magan Singh, V.K. Meena, B. L. Meena, and Sanjeev Kumar	Dr. SANTOSH ONTE M.Sc (Ag.) Ph.D Scientist-B (AGRONOMY) Land & Water Management Research Group, Centre for Water Resources Development and Management (CWRDM), Kunnamangalam-Kozhikode-673 571 Mobile: 8147731959	Effect of bio-farming using integrated nitrogen fertilization on yield and quality of cereal-legume cropping system
P35		Dr.	<b>Rajashree</b>		SATYANARAYANA RAO, BK DESAI, BG MASTHANA REDDY, MAHADEV SWAMY, VISHWANATH J AND SB GOUDAR	road no. 2B, Sai ram nagar colony, Champapet, Hyderabad, Telangana, India, 500079	Evaluation of sustainability of organic, inorganic and integrated nutrient management practices under long term studies in transplanted rice (Oryza sativa L.)
P36		Mr.	<b>Balaraju</b>	Desu	Dhanalakshmi	D. Balaraju Scientist ( Plant Protection) Krishi Vigyan Kendra Yagantipalle nandyal dt 518124	A Study on Adoption of Natural Farming in Rice by farmers in command area of Nandyal district in Andhra Pradesh.
P37		Dr.	<b>Dr R S</b>	Choudhary	MONA RANJAN SHARMA	R. S. CHOUDHARY Senior Scientist and Head Krishi Vigyan Kendra, Sirohi (Agriculture University, Jodhpur, Rajasthan)	Effect of PROM & Biodynamic Manure on Soil Biological Properties, Yield and Economics of Blackgram (Vigna mungo L.) under Organic Farming

P38		Ms.	<b>Devika M.</b>	Patel	Susheel Singh, Ahlawat T.R., Chaudhari A.D. and Chudasama S.D.	47 New PG girls hostel Navsari Agricultural University, eru char rasta, 396450	BIOFERTILIZER: EMERGING NEED FOR HIGHER QUALITY CROP PRODUCTION
P39		Dr.	<b>Sunil</b>	Marpa	Bhupinder	Dr YS Parmar University Of Horticulture and Forestry, Deptt. of Forest Products College of Forestry, Nauni, Solan, Himachal Pradesh 173 230	Millets Cultivation in Himachal Pradesh and its Health Benefits
P40		Dr	<b>Devani</b>	Dhara	Susheel Singh, Ahlawat T. R., Chaudhary A. D., Patoliya Jay	NEW PG GIRLS HOSTEL, ROOM NO.1, NAVSARI AGRICULTURAL UNIVERSITY, NAVSARI, NAVSARI-396450	NATURAL FARMING: AWAY FORWARD TO SOIL HEALTH
P41		Dr	<b>JYOTIRMA Y</b>	KARFORMA	BAPPA PARAMANIK, PARTHA PRATIM PAL		EFFECT OF RHIZOBIUM SEED INNOCULATION AND BORON APPLICATION ON GROWTH AND YIELD OF BLACK GRAM IN OLD ALLUVIAL SOILS OF WEST BENGAL
<b>7. Agro-Ecological Approaches for Biotic and Abiotic Stress Management</b>							
P42		Dr	<b>V.J.</b>	Patel	D.D. Chaudhari, H.K. Patel and B.D. Patel	Department of Agronomy, B. A. College of Agriculture, Anand Agricultural University, Anand, Gujarat 388 110	Effect of pre and post emergence herbicide on weed dynamic and yield of rabi maize
P43		Dr	<b>Amit</b>	Salaria	Gobinder Singh And Harinder Singh	Krishi Vigyan Kendra, Kapurthala, Punjab-144620	Effect of foliar application of potassium nitrate on productivity and economics of late sown wheat in central Punjab
P44		Dr	<b>C.</b>	Vennila		Livestock farm complex, Tamil Nadu Veterinary and Animal Sciences University, Chennai 51	Effect of domestic sewage water on the biomass yield and nutrient composition of fodder cowpea ( <i>Vigna unguiculata</i> )
P45		Dr	<b>Shabnam</b>	Thakur	Suresh Kumar <sup>2</sup> , Sandeep Manuja <sup>3</sup> , Shagun Shukla <sup>4</sup> and Vaishali <sup>5</sup>	Department of Agronomy, College of Agriculture, CSK Himachal Pradesh Krishi Vishvavidyalaya, Palampur-176062	Bio-efficacy of flumioxazin against mixed weed flora in wasteland of Himachal Pradesh
P46		Dr	<b>Vivek</b>	Kumar	Gurmail Singh and Karamjit Sharma	Krishi Vigyan Kendra, Sri Muktsar Sahib-152 026 (Punjab)	Productivity and economics of wheat under different sowing methods in South-western Punjab
P47		Dr	<b>Vaishali</b>		V. K. Sharma, Anchal Sharma and Shabnam thakur	Department of Agronomy, College of Agriculture, Chaudhary Sarwan Kumar Himachal Pradesh Krishi Vishvavidyalaya, Palampur-176062	Studies on effect of method of planting and harvesting time on growth, yield and economics of turmeric ( <i>Curcuma longa</i> L.) varieties
P48		Dr	<b>Vinod B.</b>	MOR	H. C. PARMAR	Department of Agronomy, College of Agriculture, Anand Agricultural University, Jabugam (Gujarat)	Semi <i>rabi</i> blackgram – a climate smart agronomy for resilient production
P49		Dr	<b>S.B.</b>	Yogananda	P. Thimmegowda, S.S. Prakash, K.R. Ashoka and G.K. Shruthi	College Of Agriculture, V. C. Farm, Mandya – 571 405, Karnataka	Ascophyllum nodosum- An algae based bio stimulant and its effects on growth and yield of soybean
P50		Dr	<b>D.V. Srinivasa</b>	Reddy	V. Venkatasubramanian, M.S. Savitha, Raju G. Teggelli, Vishwanath, Prakash Kerure, N.H. Bhandi, G.R. Raja Kumar and N.E. Safia	ICAR- Agricultural Technology Application Research Institute, Zone –XI, Bengaluru, HA Farm post, Bhoosandra main road, Hebbal-560024.	impact of climate-smart agriculture technologies in sustaining crop yield under erratic rainfall condition
P51		Dr	<b>Rajbir</b>	Garg	Satpal Singh and Dr. Sunil Kumar	CCS HAU Krishi Vigyan Kendra (Ujha) Panipat (Haryana)-132104	Pre-emergence (PRE) application of pyroxasulfone and pendimethalin for successful weed management in Wheat

P52		Dr	<b>SANJAY</b>	KAKADE	N.R.POTDUKHE, SANGRAM SAHA,O.S.RAKHONDE and N.V.KAYANDE	Dr.Sanjay U.Kakade Associate Professor of Agronomy & Cotton Agronomist All India Coordinated Cotton Improvement Project, Cotton Research Unit, Dr.Panjabrao Deshmukh Krishi Vidyapeeth, Akola – 444104,India	Effect of land configuration and plant growth regulator on drought management in rainfed cotton
P53		Dr.	<b>POOJA</b>	PANDEY	MOHINDER KADIAN, PS SINDHU, GAURAV KANT, NEHA YADAV	International Potato Center Potato Technology Center Shamgarh, Karnal, Haryana- 132116	Evaluation of heat tolerant virus resistant elite potato clones by participatory varietal selection to identify candidate varieties for cereal-based cropping system
P54		Dr	<b>Usadadiya</b>	Vrajdas	Patel, U. J.; V. G. Bavalgave and S. R. Chudasama	Department of Agronomy, Navinchandra Mafatlal College of Agriculture, Navsari Agricultural University, Navsari, Gujarat, (India) 396 450	Precise application of irrigation and fertilizers through drip system as influenced the yield and economics of Broccoli
P55		Dr	<b>Dr. Arvind R.</b>	Tupe	A. R. Tupe1, M. M. Ganvir2, A. B. Chorey2, R. S. Patode2, V. V. Gabhane2 , S. T. Morey1 and R. S. Mali2	Dr. Arvind R. Tupe Associate Professor (Agrometeorologist) AICRP on Agrometeorology Dr. PDKV. Akola 444 104 (Maharashtra)	Assessment of Growing degree days (GDD) and thermal use efficiency (TUE) of cotton species under different sowing dates and plant density
P56		Dr	<b>V.S.</b>	Susha	Harikrishnasagar. V, Susha. V. S, Ameena. M, Shalini Pillai. P, Manju. R. V	Dr Susha V S, Assistant Professor, Department of Agronomy, College of Agriculture, Vellayani, Kerala Agricultural University, Thiruvananthapuram 695 522, India	Bio-utilization of Water hyacinth (Eichhornia crassipes (Mart.) Solms) as a nutritive manure by co-composting
P57		Dr	<b>Rakesh</b>	Dawar	RAKESH DAWAR, MAHENDRA SINGH PAL. DEEPAK KUMAR MEENA	58, Hemant hostel , ICAR-IARI Pusa Institute, New Delhi 110012	Yield and Water use efficiency influenced by different mulch and irrigation schedules
P58		Dr	<b>Mummasani Asritha</b>	Reddy	Mummasani Asritha1*, S. Marimuthu1, G. Gowtham2	Department of Agronomy, Agricultural College and Research Institute, Tamil Nadu Agricultural University, Coimbatore – 641003	Next-Generation Herbicide Delivery: Microencapsulation and characterization of diclosulam loaded xanthan gum- sodium alginate based polymeric systems for improved crop production
P59		Dr	<b>Dr Ram Niwas</b>	Choudhary	Ram Niwas Choudhary1, Kinjal J. Suthar2	Dr Ram Niwas Choudhary Associate Professor (agronomy) Division of Agronomy, RARI, SKNAU, Durgapura, Jaipur - 302018	EFFECT OF SEAWEED EXTRACT ON YIELD AND YIELD ATTRIBUTES OF WHEAT (TRITICUM AESTIVUM L.) UNDER RESTRICTED IRRIGATION CONDITION OF BHAL REGION, GUJARAT

P60		Dr	<b>PIJUSH KANTI</b>	MUKHERJEE	PIJUSH KANTI MUKHERJEE AND SONALI SINGH	Dr Pijush Kanti Mukherjee, Principal Scientist, ICAR- Directorate of Weed Research (DWR), Maharajpur, Jabalpur- 482004, MP	Expansion of seasonality, emergence and seed production of Echinochloa colona (L.) Link as influenced by weed management practices
P61		Dr	<b>Ameena M</b>		AMEENA, M. AND KOYA MADHURI MANI	TC no.48/671(12), Ameena Gardens Royal Gardens, Inside Hanumankavu, Near Al Arif Hospital	HARNESSING THE BENEFITS OF THE ROOT ENDOPHYTE FOR ALLEVIATING WATER STRESS IN SUMMER RICE
P62		Dr	<b>UDITI DHAKAD</b>		UDITI DHAKAD, CK JADON, SL YADAV, RK YADAV, SN MEENA AND SHALINI MEENA	Uditi Dhakad Ph.D. Research Scholar College of Agriculture, Ummedganj-Kota Agriculture University, Kota- 324001 (Rajasthan) Permanent Address: 846-B, Shri Nath Puram-B, Kota-324010 (Raj.)	Assessing bio-efficacy of herbicide mixtures on weed dynamics, growth, yield and economics of soybean [Glycine max (L.) Merrill] and their residual effects on succeeding wheat
P63		Dr	<b>PRATAP</b>	SINGH,	PRATAP SINGH, S.N.MEENA, CHAMAN K. JADON, UDITI DHAKAD AND S.L.YADAV	Dr. Pratap Singh Director Research Agriculture University, Kota- 324001( Rajasthan)	Bio-efficacy of pre and post emergence herbicides for weed control in chickpea grown under Vertisols of South-Eastern Rajasthan
P64		Dr	<b>Sonaka</b>	Ghosh	Sonaka Ghosh, Rachana Dubey, Kirti Saurabh, Rakesh Kumar, Saurabh Kumar, Rohan Kumar Raman, Ashutosh Upadhyaya and Anup Das	Dr. Sonaka Ghosh, Division of Land and Water Management, ICAR Research Complex for Eastern Region, ICAR Parisar, P.O.: B.V. College, Patna-800014, Bihar	Effects of tillage, crop establishment and weed management practices on weed interference, crop productivity and greenhouse gas emissions in a rice-wheat- greengram system
P65		Dr	<b>D.K.</b>	Patel	D. K. PATEL, A.R. PRAJAPATI,K.I.PATEL S.M.PATEL AND C.K.PATEL	Dr.D.K.Patel Associate Professor, Gujarat State Council of Agricultural Universities Krushibhavan, Sector 10 A, Gandhinagar - 382010	Zinc fertilization effect on nutrient uptake, yield and soil fertility after harvest of wheat
P66		Dr	<b>HARPREET KAUR</b>	VIRK	HARPREET KAUR VIRK AND GURIQBAL SINGH	Senior Agronomist (Soybean), Department of Plant Breeding & Genetics, Punjab Agricultural University, Ludhiana 141004	Growth, productivity and economics of soybean (Glycine max) varieties under different planting geometry
P67		Dr	<b>M. S.</b>	Dandge	M. S. DANDGE*, P. V. MOHOD, R. S. GHAWDE, S. S. NICHAL, V. V. TAPRE, P. V. PATIL and H. H. DIKEY	Mangesh S. Dandge O/o Head, Regional Research Center (Dr. PDKV, Akola), Morshi Road, Amravati (MS) India 444603	Drought Alleviation In Soybean Through Foliar Application of Thiourea

P68		Dr	<b>GURIQBAL</b>	SINGH	GURIQBAL SINGH AND HARPREET KAUR VIRK	Dr. Guriqbal Singh Principal Agronomist (Pulses) Department of Plant Breeding & Genetics Punjab Agricultural University, Ludhiana 141004 Punjab	Efficacy of post-emergence herbicides on weeds, productivity and profitability of mungbean [ <i>Vigna radiata</i> (L.) Wilczek] during summer season
P69		Dr	<b>Maninder Kaur</b>		Maninder Kaur, M S Bhullar	Forages, Millets and Nutrition Section Department of Plant Breeding and Genetics Punjab Agricultural University, Ludhiana - 141004	Evaluation of herbicidal and non-herbicidal weed control options in fodder maize for yield and weed management
P70		Dr	<b>Anant</b>	Dalvi	MHASKAR N. V. AND BHAGAT S. B.	Regional Agricultural Research Station, Karjat - 410201, Dist. Raigad (MS)	Agro-ecological approaches in rice based cropping systems for higher production and returns
P71		Dr	<b>UTKARSH</b>	SINGH	Anil Kumar Singh, Sudhir Kumar Rajpoot, Rajesh Kumar, Ashish Kumar Verma	Department of Agronomy, Acharya Narendra Deva University of Agriculture and Technology, Kumarganj, Avodhva-224229 (U.P.)	Influence of chemical weed management practices on yield and weed control efficiency of wheat ( <i>Triticum aestivum</i> L.)
P72		Dr.	<b>Ravisankar</b>	N	RAGHUVVEER SINGH, V. RAMAMURTHY*, M. SHAMIM, MERAJ ALAM ANSARI, RAGHAVENDRA, KJ, A.K. PRUSTY, AND SUNIL KUMAR	1ICAR-Indian Institute of Farming Systems Research, Modipuram 2National Bureau of Soil Survey and Land Use Planning, Nagpur	Eco-region-based crop planning for diversification and natural resource management
P73		Mr.	<b>KUMARESAN</b>	MURUGESAN	D.DAMODAR REDDY, P. MANIVEL, S. KASTURI KRISHNA, M. SHESHU MADHAV AND V. ANNADURAI.	ICAR CTRI (NIRCA), Research Station, Vedasandur, Tamil Nadu 624 710,India.	In situ moisture conservation in castor + black gram intercropping system
P74		Ms.	<b>Kajal</b>	Verma	U. P. SINGH	Department of Agronomy, Institute of Agricultural Sciences, Banaaras Hindu University, Varanasi, Uttar Pradesh, 221005	Agronomic approach for stable rice production under rainfed stress-prone upland ecosystem of Eastern Uttar Pradesh
P75		Dr.	<b>Hari</b>	Ram	Maninder Kaur	Wheat Section Department of Plant Breeding and Genetics Punjab Agricultural University, Ludhiana, Punjab 141004	Performance of wheat varieties under restricted irrigation conditions in central Punjab
P76		Mr.	<b>Rohit</b>	Karde	Sachin Khatal	Sahyandri Boys Hostel, Dr. Panjabrao Deshmukh Krishi Vidyapeeth, Maharashtra, Akola-444104	Analyzing Maize ( <i>Zea mays</i> L.) Yield and Economic Outcomes Across Different Resource Limitations
P77		Dr.	<b>Lavanya</b>	yenebala	, K Srinivasan, CR Chinnamuthu and P Murali Arthanari	Deputy jailor quarter-2, District jail Kurnool, Panchalingala, Kurnool Andhra Pradesh-518 004	Impact of Herbicides on Soil microbes and Urease Enzyme Activity in Maize Crop



P78		Dr.	<b>Dharmendra</b>	Shukla	Shubham Kumar, Kranti Kumar and M. S. Pal	Department of Agronomy College of Agriculture GBPUA&T, Pantnagar-263145 Udham Singh Nagar, Uttarakhand, India	Post-emergence herbicides efficacy evaluation in kharif greengram (Vigna radiata)
P79		Dr.	<b>Navjot Singh</b>	Brar	B S Khadda, Harmeet Kaur	Village Kakoya, PO Mand Pandher, Tehsil Dasuya, Distt. Hoshiarpur, Punjab 144207	Assessing the role of agronomic practices in mitigating the impact of unseasonal rainfall in wheat
P80		Dr.	<b>HANUMAN</b>	GARUD	DIPTI PATGAONKAR, BHAYASAHEB GAIKWAD	Datta Krupa Nivas, Old pedgaon road, post colony, parbhani - 431401	Technological interventions to bridge the yield gaps in chickpea
P81		Dr.	<b>Simerjeet Kaur1</b>		Navjot Singh Brar2*, and P K Kingra1	Punjab Agricultural University, Ludhiana, Punjab	Impact of heat wave on phenology and silage yield of spring maize in different cropping systems
P82		Dr.	<b>ANANDA</b>	N	AJITHKUMAR K and SHIVAKUMAR, K	Dr. ANANDA N Scientist (Agronomy) AICRP on Linseed Main Agricultural Research Station University of Agricultural Sciences Raichur-584 104	PERFORMANCE OF NEWLY RELEASED LINSEED VARIETIES UNDER CHANGING CLIMATIC SCENARIO
P83		Dr.	<b>B.S.</b>	Gohil	S.B. Vadhavana and P.D. Kumawat	Department of Agronomy, College of Agriculture, Junagadh Agricultural University, Junagadh-362001 (Gujarat)	Weed Management in Kharif Maize
P84		Mrs	<b>Dhanalakshmi</b>	Guduru	M. Sudhakar, K. VenkataRamaniah, M. Adinarayana, A. Krishnamoorthy and E ravi goud	G. Dhanalakshmi Senior Scientist & head Krishi vigyan kendra Yagantipalle Nandyal dt 518124	IMPACT OF CLIMATE RESILIENT TECHNOLOGIES IN NANDYAL DISTRICT OF ANDHRA PRADESH
P85		Dr	<b>PRATIK</b>	SANODIYA	Department of Agronomy I. Ag. Sc. BHU, Varanasi Uttar Pradesh 221005	. M. K. SINGH AND NEELKAMAL MISHRA	Effect of spacing and ALS & HPPD inhibitors on weeds and productivity of Kharif Maize (Zea mays L.)
P86		Dr	<b>Pushpendra Pratap</b>	Singh	R.P. Mishra, Peyush Punia, Raghavendra Singh, Nirmal Kumar and Sunil Kumar	Principal Scientist (Vegetable Science) Principal Scientist (Vegetable Science) ICAR-IIFSR, Modipuram, Meerut	Enhancing the productivity of turmeric and Guvava through intercropping
P86A		Dr	<b>Fatehjeet Singh</b>	Sekhon,	Thakar Singh	Punjab Agricultural University, Farm Advisory Service Centre, Faridkot, 151203	Influence of different intercrops on yield attributes and productivity of pigeonpea based cropping system
P87B		Dr	<b>Ashok</b>	Chaudhary	N. N. Parajapti	Center for Crop Improvement Sardarkrushingar Dantiwada Agricultural University Sardarkrushingar, Banaskantha, Gujarat 385 50	"Performance of summer Kalingada under changing climatic scenario

P88C		Dr	<b>Yogita</b>	Lather	R.K. YADAV, GAJENDER YADAV, AMARJEET NIBHORIA, ASHWANI KUMAR AND ASHIM DATTA	ICAR-CSSRI, Karnal and CCS Haryana Agricultural University, Hisar	Performance of Wheat varieties under different irrigation salinity levels
<b>Session II DAY 1</b>							
<b>3. System Approaches for Agro-Ecosystem Sustainability and Integrated Farming Systems</b>							
P87		Dr	<b>S.M.</b>	Bambhaneeya	H. H. Patel, T. U. Patel and N. H. Garaniya	Department of Soil Science, College of Agriculture, Navsari Agricultural University, Campus Bharuch, Maktampur, Gujarat- 392012	Soil macro, micro and secondary nutrients status in Vertisol and Inceptisol of cotton growing belt of South Gujarat (Gujarat)
P88		Dr	<b>Monika</b>	Shukla	Vineeth T. V., David Camus, Sagar Vibhute and Anil R. Chinchmalatpure	Indian Council of Agricultural Research- Central Soil Salinity Research Institute, Regional Research Station, Bharuch 392012, Gujarat	Pulpwood based Silvopastoral systems for saline Vertisols agro-ecosystem
P89		Dr	<b>C.</b>	Sangeetha	P. BASKAR	Kumaraguru Institute of Agriculture, Nachimuthupuram, Erode, Tamilnadu, India – 638 315	Effect of different crop establishment methods and weed management practices on dry matter partitioning and productivity of lowland rice
P90		Dr	<b>K.</b>	Nalini	C. Vennila	LFC, VC&RI Tirunelveli	Effect of cutting height and interval on the productivity of mulberry
P91		Dr	<b>P.</b>	Parasuraman	P.M.Shanmugam, S.P.Sangeetha, P.C.Prabu And S.V.Varshini	Department of Agronomy, Tamil Nadu Agricultural University, Coimbatore- 641 003, Tamil Nadu	Integrated Farming System - Farmer friendly approach for doubling the farm income
P92		Dr	<b>D.</b>	Udaya lakshmi	P.H. Patel <sup>2</sup>	Ph.D. (Ag.), Department of Agronomy, Institute of Agricultural Sciences, BHU 221005	Performance of pearl millet with legume intercropping under various row proportions
P93		Dr	<b>U.S.</b>	KUDTARKAR <sup>1</sup>	S.V. DESHMUKH <sup>2</sup> , V.N. SHETYE <sup>3</sup> , A.P. CHAVAN <sup>4</sup> and P. S. BODAKE <sup>5</sup>	Dr. Balasaheb Sawant Kokan Krishi Vidyapeeth, Dapoli 415 712 (MS)	Performance of fodder oat under changing climatic scenario in south konkan
P94		Dr	<b>Jashanjot</b>	KAUR <sup>1</sup>	S S WALLIA <sup>1</sup> and N RAVISANKAR <sup>2</sup>	Punjab Agricultural University, Ludhiana, Punjab	Integrated farming system for nutritional security and income enhancement- a farmer participatory experiment
P95		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	Division of Crop Research, ICAR Research Complex for Eastern Region, ICAR-Parisar, P.O. Bihar Veterinary College Campus, Patna 800 014, Bihar	Conservation agriculture-based crop management practices improved system productivity and soil physical health in rice- fallow system of eastern India
P96		Dr	<b>PRABHJIT</b>	KAUR	K S SAINI, S S WALIA* AND THAKAR SINGH	Department of Agronomy, Punjab Agricultural University, Ludhiana, Punjab 141 004	Increasing the productivity of rice-wheat cropping system through integrated nutrient management
P97		Dr	<b>K.V.</b>	RAMANA MURTHY	M. B. G. S. KUMARI AND T. CHITKALA DEVI	Department of Agronomy, Regional Agricultural Research Station, Anakapalli, Andhra Pradesh 531001	Efficient cropping systems for sugarcane under irrigated condition
P98		Dr	<b>Rajendra</b>	Lakpale	Mukesh Kumar Pandey	Department of Agronomy Indira Gandhi Krishi Vishwavidyalaya, Raipur 492012 (Chhattisgarh)	Impact of Residue Retention and Incorporation on Yield Soil Health under Rice - Maize Cropping System
P99		Dr	<b>Shivali</b>	Rana	S.S. Rana and H.N. Deekshith	College of agriculture, CSKHPKV, Palampur, Himachal Pradesh- 176062	Effect of climate on species occurrence and phenology of weeds under diversified cropping systems in mid hill condition of Himachal Pradesh
P100		Mr.	<b>SHASHANK</b>	PATEL	S.S. Rathore, S.D. Mishra, Anand Prasad	Ph.D. Scholar, Division of Agr	Performance of Indian mustard (Brassica
P101		Dr	<b>M.K. Singh</b>		D. Udaya lakshmi, Virendra Choudhary and Shrijan Kafle	Department of Agronomy, Institute of Agricultural Sciences, BHU, Varanasi-221005	SUMMER FALLOW MANAGEMENT IN RICE-WHEAT CROPPING SYSTEM FOR SOIL HEALTH AND SUSTAINABLE CROP PRODUCTION

P102		Dr	<b>W.N.</b>	Narkhede	M.S. Pendke, P.H. Gourkhede, A.K. Gore and G. Ravindra Chary	All India Co-ordinated Research Project on Dryland Agriculture, Vasant Rao Naik Marathwada Krishi Vidyapeeth, Parbhani 431 402 (India)	Evaluation of intercropping systems under different methods of sowing in rainfed area under Marathwada region
P103		Dr	<b>Tanya Singh</b>		Sandeep Manuja, Shivali Rana	CSK, HPKV, Palampur 176062, H.P.	Performance of rice ( <i>Oryza sativa</i> L.) hybrids at varying fertility levels under aerobic conditions
P104		Dr	<b>S.B.</b>	Bhagat	MHASKAR N. V., JONDALE D. G. AND KHANDETD Y. A.	AICRP on IFS, Regional Agricultural Research Station, Karjat – 410 201, Dist. Raigad (M.S.) Dr. Balasaheb Sawant Konkan Krishi Vidyapeeth, Dapoli, Maharashtra	Diversification of various crops in cropping systems for income generation under Konkan condition
P105		Dr	<b>Nagesh Rathod</b>		Kumar D Lamani, Milind Potdar, Uday. G. Reddy	O/K Khemu Rathod, Narasalagi L.T. Village, Shree Shenkaralingeshwar devalayad hattira, Vijayapura D, Basavanabagewadi T, Narasalagi V.-586203	"Maximizing Emmer Wheat Yields ( <i>Triticum diccicum</i> L.) through Resource Efficiency: A Study of System of Wheat Intensification and Seed Priming"
P106		Dr	<b>ANJU BIJARNIA</b>		J.P. TETARWAL	Dr. Anju Bijarnia D/o Gopal Lal Bijarnia, Village & post- Murlipura, VIA- Jobner, Tehsil- Jobner District- Jaipur, Rajasthan, India Pin code: 303328	Root and shoot studies of summer cowpea and baby underintercropping system with different levels offertility and stress mitigating chemicals
P107		Dr	<b>A.K. PRUSTY</b>		, N. RAVISANKAR, M. SHAMIM, M.A. ANSARI, RAGHUVVEER SINGH, RAGHAVENDRA K J, D. DUTTA AND SUNIL KUMAR	Dr A K prusty Senior Scientist ICAR-IIFSR Modipuram Meerut- 250 110 UP, India	Integrated farming systems as a tool for sustainable agriculture in Gangetic plains of India
P108		Dr	<b>Jagmohan Kaur</b>		and KS Saini	Department of Agronomy, Punjab Agricultural University, Ludhiana, Punjab, India - 141 004.	PRODUCTION AND ECONOMICS OF DIVERSIFIED BASMATI RICE –BASED RELAY CROPPING SYSTEMS UNDER CLIMATE SMART AGRICULTURE
P109		Dr	<b>M. SHAMIM</b>		, N. RAVISANKAR, A.K. PRUSTY, M.A. ANSARI, RAGHUVVEER SINGH, RAGHAVENDRA K J, D. DUTTA AND SUNIL KUMAR	ICAR-Indian Institute of Farming Systems Research, Modipuram, Meerut, Uttar Pradesh-250 110	Climate Resilient Integrated Farming Systems for Humid and Sub-humid Himalayan Region of India
P110		Dr	<b>KAVYA</b>	INUGANTI	AMAL GHOSH, PREETI SINGH	Division of Agronomy, ICAR - Indian Agricultural Research Institute, New Delhi, India 110 012.	Designing location specific cropping geometry in maize- legume intercropping systems at Eastern Plateau region in India for higher productivity and profitability
P111		Dr	<b>J. P. Deshmukh</b>		B.S.Morval, B.V. Saoji and D.S.Kankal	Chief Agronomist, IFSR, AICRP on Integrated Farming Systems Research Project, Dr. Panjabrao Deshmukh Krishi Vidyapeeth, Akola, Maharashtra 444 001.	Integrated farming systems model for resource management and rural employment in Vidarbha region of Maharashtra
P112		Dr	<b>K. Giridhar,</b>		A.V. Elangovan and H.S.Shivaramu	Principal Scientist (Agronomy), ICAR-NIANP, ADUGODI, HOSUR ROAD, BANGALORE-560 030, Karnataka	Profitable livestock based farming systems in semiarid region - A case study from Chitradurga district in Karnataka
P113		Dr.	<b>SACHIN</b>	POTKILE	J.P.DESHMUKH ,A.A CHOUDHARY,B.S MORWAL	Plot No. 80 Gokul Apartment, Nawab Galli, Gokulpeth, Nagpur-440010, Maharashtra	Diversification and improvement of existing farming systems under small and marginal household conditions
P114		Dr.	<b>Sanjay</b>	Kumar	A.K.Sharma, Purushottam Kumar	Dr Sanjay Kumar Professor, Agronomy KVK Dhakrani, Dehradun Po. Herbertpur-248142 Uttarakhand, India	Yield and economic enhancement in hybrid maize ( <i>Zea mays</i> L) through integrated crop management practices under valley conditions of Uttarakhand

P115		Prof.	<b>Purushottam</b>	Kumar	Vinod Kumar, Y. Pal, Sanjay Kumar	Professor Agronomy/ Officer In-charge, G.B. Pant University of Agriculture & Technology, Krishi Vigyan Kendra, Dhanauri, District-Haridwar, Uttarakhand-247667	Farmers participatory weed management in wheat under irrigated plains condition of Uttarakhand
P116		Dr.	<b>NAKUL</b>	MANDAL	JYOTIRMAY KARFORMA, BAPPA PARAMANIK, PARTHA PRATIM PAL	UTTAR BANGA KRISHI VISWAVIDYALAYA	EFFECT OF RHIZOBIUM SEED INNOCULATION AND BORON APPLICATION ON GROWTH AND YIELD OF BLACK GRAM IN OLD ALLUVIAL SOILS OF WEST BENGAL
P117		Dr.	<b>BINDHU, J.S.,</b>		Jacob JOHN, MEERA, A.V., SUDHA,B.	Kerala Agricultural University	Diversification of farming system models through integrated approach in West coast plain and Ghat region
P118		Ms.	<b>Anamika</b>	Barman	Vijay Pooniya, Tapas Kumar Das, Subhash Babu	Indian Agricultural Research Institute	Post-silking dry matter remobilization in maize hybrid under different integrated crop management practices
P119		Dr.	<b>VIJAYAPRA BHAKAR</b>	ARUMUGAM	C.JAYANTHI	S/o. P.Arumugam, No. 186, Anna street Kakuppam Villupuram Pin-605103	Impact of strip intercropping system and land configurations on yield attributes and yield of redgram under clay loam soils of rain-fed ecosystem
P120		Ms.	<b>ANU</b>	NAWHAL	Umesha C, Jayashree and Naveena	Saroj Villa, Mahewa, Naini, Prayagraj, Uttar Pradesh-211007	Effect of phosphorus and biofertilizers on growth and yield of Mothbean (Vigna aconitifolia (Jacq.) Marechal)
P121		Mr.	<b>K Srikanth</b>	Reddy	Panneerselvam Peramaiyan, C M Parihar, Ayan Sarkar, H S Nayak, Virender kumar	Room.no: 314, Shishir hostel, ICAR-IARI, Pusa campus, New delhi, 110012	Harnessing the potential of conservation agriculture-based direct seeded rice system coupled with drip fertigation for improving the farm profitability in Eastern IGP of India
P122		Mr.	<b>Birendra</b>	Kumar	Dr. Rajesh Kumar Meena	ICAR-NDRI, Karnal, Haryana, 132001	Effect of Bio fertilizer and plant growth regulators on green foeder yield and quality of Napier Bajra Hybrid
P123		Ms.	<b>Kanika</b>	Bhakuni	Rakesh Kumar	GBPUAT, Pantnagar, district Udham Singh nagar, Uttarakhand, pin code 263145.	Dual purpose potential of oat varieties under different cutting schedules
P124		Dr.	<b>A.K.</b>	Singh	Lalita Rana, Navnit Kumar	Dr. A.K. Singh Director Sugarcane Research Institute Dr. Rajendra Prasad Central Agricultural University, Pusa, Samastipur-848125 (Bihar)	SUGARCANE BASED INTERCROPPING SYSTEM ENHANCES THE PROFITABILITY OF SMALL HOLDER FARMERS UNDER INDO-GANGETIC PLAINS OF BIHAR, INDIA
P125		Dr.	<b>VISHAL</b>	Awasarmal	Joshi D.M., Thombre S.V. and Pawar A.D.	Karegaon road, Ramdas Nagar	Studies on nitrogen management in kharif sweet corn (Zea Mays saccharata L.)
P126		Dr.	<b>Desam. Lakshmi</b>	Kalyani	M. Siva Rama Krishna, K. Mohan Vishnu Vardhan, K. Venkataramanamma, N.C.Venkateswarlu, Y. Lavanya	Quarter no 36, Nunepalle Regional Agricultural Research Station, Nandyal, Andhra Pradesh-518502	Enhancing Profitability, Sustainability and Yield in Bt Cotton through a Multitier Cropping System

P127		Dr.	<b>Ashitosh</b>	Latkar	P.V. Yadgirwar, A.N. Surpam, D.L.Rathod, A.N. Parlawar, S.R.Kadam	Dr. A.S.Latkar Assistant Professor, Agronomy & Officer In-Charge, ARS, Yavatmal Zonal Agriculture Research Station, Waghapur Road, Yavatmal -445001 (MS)	Productivity and economics of Bt cotton based profitable cropping system in Central Vidarbha Zone of Maharashtra
P128		Dr.	<b>SOMANAGO UDA B</b>	PATIL	R.A. NANDAGAVI, ANURADHA KAGGOD, B.H. KUMARA, V.S. DEVARANAVADGI, H.S. PATIL, M.P. POTDAR, G. RAVINDRA CHARY AND J.V.N.S. PRASAD	Dr. S. B. PATIL Scientist (Agronomy) AICRP for Dryland Agriculture, Regional Agricultural Research Station, Vijayapura 586 101 UNIVERSITY OF AGRICULTURAL SCIENCES, DHARWAD, Karnataka, India	Strengthening of traditional rainfed integrated farming systems for achieving livelihood security and climate resilience of small and marginal farmers of semi-arid regions of Karnataka
P129		Mr.	<b>Krishna Murthy</b>	Atturu	Dhanalakshmi G, Prasad Babu G, Muninarayanappa M	Krishi Vigyan Kendra, Yagantipalle village, Banaganapalli mandal, Nandyal Dist., Andhra Pradesh 518124	Evaluation of sustainable crop and livestock integrated farming systems for small and marginal farmers in rainfed farming situations of Kurnool district
P130		Dr.	<b>Suresh</b>	Rana	"---	19 A model town Karnal	Wheat-Cucurbits Inter-Relay Cropping: A remunerative and Proficient Crop Rotation for Small Farmers
P131		Dr.	<b>ASHA</b>	RAM	Vartika Shakya, Inder Dev, Naresh Kumar, Sovan Debnath, A. Arunachalam	ICAR-CAFRI, NEAR PAHUJ DAM GWALIOR ROAD, Jhansi	Conservation agroforestry: A new concept of climate resilient production system
P132		Dr.	<b>SOMANAGO UDA</b>	GADEPPAG OUDAR	R. CHANNAKESHA, SHALINI N. HUILGOL, G. K. NAIDU AND HARSHIY BANU	Dr. G. Somanagouda Professor (Agronomy) and Head AICRP on Soybean, MARS, UAS, DHARWAD, KARNATAKA, INDIA Cell No. 9900213620	Impact of front line demonstrations on soybean in enhancing productivity and profitability in Belagavi District of Karnataka
P133		Dr.	<b>MADHU</b>	MOGULOJU	N.SANDHYA KISHORE, G.PADMAJA, D. VEERANNA AND R. UMA REDDY	Dr. M. Madhu Scientist (Agronomy) AICRP on Pigeonpea RARS, Warangal (PJTSAU) Telangana, India 506 007 Mobile: +91 9912522394 +91 6301553434	Evaluation of pigeonpea (Cajanus cajan L.) based intercropping system under rainfed conditions of Telangana
P134		Dr.	<b>Parveen</b>	Kumar	PARAMESHA, V AND SOLOMON RAJKUMAR	Director ICAR-Central Coastal Agricultural Research Institute, Old Goa, Goa 403 402	Integrated Farming System approaches for sustainability, profitability, livelihood security and climatic adaptation in coastal region
P135		Dr.	<b>Aditya Prakash</b>	Dwivedi	S K Yadav VP Singh K K Singh and Manoj Kumar Tripathi	Dr A P Dwivedi Principal Scientist(Agronomy)ICAR Indian Institute of Sugarcane Research Lucknow.	Conservation and Management of Natural Resources through a sustainable sugarcane based integrated farming system and crop diversification in sub-tropics.

P136		Dr.	<b>G Kiran</b>	Reddy	M. Goverdhan, Ch. Pragathi Kumari, M Santhosh Kumar and M Sharath Chandra	Dr. G Kiran Reddy, Scientist (SS), AICRP-IFS, Rajendranagar, Hyderabad - 30	Integrated Farming Systems – A viable option to reduce the Green house gas emissions
P137		Dr	<b>J.K. Malav</b>		A. L. Jat	Assistant Professor, Dept. of Agricultural Chemistry & Soil Science, C.P. College of Agriculture, S.D. Agricultural University, Sardarkrushinagar-385 506 (Gujarat)	Yield, nutrient content and uptake by wheat ( <i>Triticum aestivum</i> L) under salt affected soils as influenced by FYM and sources of irrigation water
P138		Dr.	<b>AMRIT LAL</b>	MEENA	Monika Tevatia, Raghvendra Singh, Adarsh Kr. Meena, P C Jat, L R Meena, Jai Ram Choudhary, P.C. Ghasal, R.P. Mishra, Kamlesh Kumar and Sunil Kumar	Room No. 122, ICAR-Indian Institute of Farming Systems Research, Modipuram, Meerut-250 110 (U.P.)	Effect of tillage, crop establishment and diversification on soil physico-chemical properties and extra cellular enzymes of semi-arid Northwest India
P139		Dr	<b>S.S. RATHORE</b>		KAPILA SHEKHAWAT, Subhsah babu, RK Singh, PK Updhvav	Division of Agronomy, ICAR-IARI New Delhi, 110012	Ecosystem restoration through integrated resource management under diversified systems
P140		Dr	<b>Ankit</b>	Tiwari		Defence Research Laboratory, Solmara Cantonment, Texpur, Assam	Effect of sulphur nutrition under conservation management on carbon budget in Haplustepts soils
P141		Dr.	<b>Navjot Singh</b>	Kaler	Kamal Sharma, Ajay Kumar Banyal	COHF Neri, Hamirpur-177001 HP, INDIA	Sustaining Nature and Livelihoods: Agroforestry in Shivalik hills, India
P142		Dr.	<b>Parul</b>	Sharma	Shehnaj Khan, Shakshi, Kritika Khagta, Rajnish Sharma and Vishal Singh Rana	Assistant Professor, Department of Biotechnology, Dr YSP University of Horticulture and Forestry, Nauni, Solan (HP) 173 230 INDIA	Plant tissue culture based interventions for the propagation of Actinidia species
P143		Dr.	<b>Shyam Sundar</b>	Kaushik	Lakhe M.P., Nibe N.B., Badadhe S.D, Dahatonde N.B., Patil R.S., Bahirat P.S., Hinge P.S.	Dr, Shyam Sundar Kaushik Head & Senior Scientist Shri Marutrao Ghule Patil Shikshan Sanstha Krishi Vigyan Kendra Dahigaon ne Taluka Shevgaon Distt. Ahmednagar Pin-414502	Change in house hold income of farmers through Integrated intensive implementation of KVK,s mandatory activities
P144		Ms.	<b>Anshul</b>	Thakur	Prem Prakash, DR bhardwaj, Rohit Bishist and Pramod Verma	Deptt. of Silviculture and Agroforestry, College of Forestry, Dr. YS Parmar University of Horticulture and Forestry Nauni, Solan, Himachal Pradesh-173 230	EFFECT OF DIFFERENT NUTRIENT SOURCES AND MULCHES ON FRUIT QUALITY OF STRAWBERRY CV. CAMAROSA UNDER WILD POMEGRANATE BAESD AGROFORESTRY SYSTEM IN MID HILL ZONE OF NORTH WESTERN HIMALAYAS
P145		Ms.	<b>MILI</b>	Patel	T. R. Ahlawat ,Susheel Singh,Patoliya Jayand Patel Tejasvini	New PG girls Hostel, Navsari Agricultural University	Unlocking the potential of Secondary Agriculture for Global Growth

P146		Mr.	<b>JAY</b>	PATOLIYA	Susheel Singh, T. R. Ahlawat, Satish Chudasama, D. R. Devani, Keshav Patidar, Mili Patel, Patel Tejasvini	ROOM NO 54, NAVRANG PG BOYS HOSTEL, NAVSARI AGRICULTURAL UNIVERSITY, NAVSARI, GUJARAT 396450	RESIDUE MANAGEMENT STRATEGIES IN RICE BASED CROPPING SYSTEM: FUTURE FOR SUSTAINABLE AGRICULTURE
P147		Dr.	<b>Saubhagya Kumar</b>	Samal		Dr. Saubhagya Kumar Samal Scientist ICAR-IISWC, RC, Sunabeda-763002, Koraput, Odisha	PREDICTION OF MICRONUTRIENT CONTENT IN GRAIN OF BASMATI RICE GROWN IN LUDHIANA DISTRICT OF PUNJAB USING SOLUBILITY-FIAM
P147A		Dr	<b>Muni Pratap</b>	Sahu	Mewa Lal Kewat, A.K. Jha, *Shobha Sondhiya and *V.K. Choudhary	ICAR-DWR, Jabalpur	Weed control treatments and Straw mulches affect weeds and yield of chickpea

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

P148		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	Ph.D (Agronomy), Senior Research Fellow, Rejuvenating Watershed for Agricultural Resilience through Innovative Development (REWARD) project, Dharwad, University of Agricultural Sciences, Dharwad, Karnataka, India, 580005	Artificial intelligence based leaf nitrogen estimation in Maize
P149		Dr	<b>Kanade Aditya Kamalakar</b>		Aditya Kanade, Milind Potdar, Aravinda Kumar B.N., and Gurupada Balol	University of Agricultural Sciences, Dharwad, Karnataka, India-580005	Weed Detection in Cotton through Deep Learning
P150		Dr.	<b>Prashant Bodake</b>		MHASKAR N. V., BHAGAT S. B., KUNKERKAR R. L., DAHIPHALE A.V., SHINGARE P. A. AND BHAVE S. G.	Dean and Director of Instructions, DBSKKV, Dapoli, Dist- Ratnagiri, Maharashtra Pin- 415712	Climate smart technologies in minor millets developed by DBSKKV for resilient production in Konkan region of Maharashtra

#### Session I DAY 2

#### 5. Carbon Management in Agricultural Production Systems

P151		Dr.	<b>B.</b>	Joseph	M. APARNA, M.A. AARIFF KHAN AND A. MADHAVILATA		The impact of integrated nutrient management on nutrient uptake of cereal fodders in silvi-pastoral system
P152		Dr.					
P153		Dr.	<b>Aanandi Lal</b>	Jat	L. D. Parmar and S. K. Shah	Centre for Oilseeds Research, S.D. Agricultural University, Sardarkrushinagar 385 506, Dist.- Banaskantha, Gujarat	Effect of conservation agricultural practices in castor based relay intercropping system on system productivity and sustainability
P154		Dr.	<b>MANJANAG OUDA S</b>	S Sannagoudar	PANKAJ PATIDAR <sup>3</sup> , AVIJIT GHOSH <sup>2</sup> , AMIT K SINGH <sup>2</sup> AND G.A. RAJANNA	Dr. Manjanagouda S Sannagoudar Scientist (Agronomy) ICAR-Indian Institute Of Seed Science, Regional Station, Bengaluru-560065	Restoration of degraded lands with grasses improves soil functionality in Semi-arid tropical India
P155		Dr.	<b>Sudhakar</b>	P	K. Jayakumar	Department of Agronomy, Faculty of Agriculture, Annamalai University	Influence of Precision Silvicultural Packages on carbon sequestration potential within Melia dubia Plantation in Tamil Nadu
P156		Dr	<b>Naveen Kumar</b>		B.R. KAMBOJ, S.K. THAKRAL, D.B. YADAV, MOHINDER SINGH and ANKUR CHAUDHARY		Effect of conservation agriculture based crop establishment methods and seed rate on carbon sustainability index and productivity of wheat

P157		Mr.	<b>Kiran</b>	Varnekar	Dr. U S Surve, K D Varnekar, Dr. A V Solanke	Hemant boys' hostel, Room no. C 95, PGI, MPKV, Rahuri, Ahmednagar 413722	To evaluate the influence of planting geometry and nipping on yield attributes of pigeonpea in rainfed conditions
<b>2. Precision Input Management</b>							
P158		Dr	<b>Kiran</b>	Rabari	Mukesh Chaudhary and Dalpat Sundesha	Agricultural Research Station, S.D. Agricultural University, Aseda 385535, Gujarat	Effect of irrigations on the basis of IW/CPE under sprinkler system on growth and yield of groundnut
P159		Dr	<b>Hiren Kumar</b>	Patel	P.H. Rathod, D.P. Gohil and N.S. Litoriya	Agronomy, Main Forage Research Station, Anand Agricultural University, Anand 388110, Gujarat	Response of level of nitrogen on different variety of marvel grass
P160		Mr.	<b>Harsh K.</b>	Patel	PATEL, H.K., RAVAL, C.H. AND PATEL P.M.	Department of Agronomy, B.A.College of Agriculture, Anand Agricultural University, Anand 388110 (Gujarat)	Response of seed priming on growth and yield attributes of fodder maize
P161		Dr	<b>Partha Sarathi</b>	Patra	Bappa Paramanik and Arju Sahid Ahmed	Regional Research Station, Terai zone, Uttar Banga Krishi, Viswavidyalaya, Pundibari, Cooch Behar, West Bengal-736165	Phenology and productivity of maize (Zea mays L.) as influenced by different methods of zinc application
P162		Dr	<b>Kuldeep</b>	Nagar	Patel H.K., Rathod, P.H., Patel, P.M. And Raval, C.H.	Department Of Agronomy, B. A. College Of Agriculture , Anand Agricultural University, Anand-388110 (Gujarat)	Response of fym and split application of nitrogen on growth and green yield of fodder maize (zea mays l.)
P163		Dr	<b>Nitesh</b>	Kumar	S.C. Tripathi, D.B. Yadav, Shiv Ram Samota and G. Singh	ICAR-Indian Institute of Wheat and Barley Research, Karnal, India-132001	Possibility of nano urea sprays along with prilled urea in wheat under conventional and conservation tillage
P164		Dr	<b>R.A.</b>	Patel	H.K. Patel, S.N. Shah and V.J. Patel	Department Of Agronomy, B.A.College Of Agriculture, Anand Agricultural University, Anand 388110 (Gujarat)	Feasibilities of transplanting of cotton under varying age of seedlings
P165		Dr	<b>P.</b>	Baskar	C. Sangeetha	Kumaraguru Institute of Agriculture, N.Puram, Erode-638315	Productivity of paddy under varying seed rate and different establishment techniques
P166		Dr	<b>Manisankar</b>	G.	G. C. MALIK, M. BANERJEE AND P. GHOSH	Department of Agronomy, Palli Siksha Bhavana (Institute of Agriculture), Visva Bharati Central University, West Bengal, India - 731 236	Nanoencapsulation of Metsulfuron Methyl for Prolonged and Improved Weed Management in Transplanted Rice
P167		Dr	<b>Sauhard</b>	Dubey <sup>1</sup>	Gaurav Shukla <sup>2</sup> , Mukesh Kumar <sup>3</sup>	Krishi Vigyan Kendra, Badaun ,U.P	Effect of Chemical weed control and Precision Nitrogen Management in late sown Wheat ( <i>Triticum aestivum</i> L.) under Western Plains Zone (WPZ) of UP.
P168		Dr	<b>V.K.</b>	SINDHU	A S BRAR, SUKHPREET SINGH, PRIYANKA SAHOO AND HARJEET KAUR	Centre for Water Management and Technology, Department of Agronomy, Punjab Agricultural University, Ludhiana, Punjab 141004	From flood to precision: Harnessing sub-surface drip irrigation to optimize water use amid climate variability
P169		Dr	<b>Sumanta</b>	Kundu	V.K. Singh, Jami Naveen, Vipin Kumar Mishra, Sai Kumar, Neeraj Kumar Awasthi, A.K. Indoria, K.A. Gopinath, G. Pratibha and Jyotsna Prasad	ICAR- Central Research Institute for Dryland Agriculture, Santhoshnagar, Hyderabad, 500059, Telangana	Poly4 application affects maize yield, nutrient use efficiency and GHGs emission in rainfed alfisols



P170		Dr	<b>C.</b>	Sunil	Praveen V Kadam, Jeevan H R and Chandan B M	Organic Framing Research Centre, Zonal Agricultural and Horticultural Research Station, Keladi Shivappa Nayaka University of Agricultural and Horticultural Sciences, Iruvakkki, Shivamogga-577204, Karnataka	Response of Soybean (Glycine max. L) to Sulphur and Boron Nutrition on Growth and Yield.
P171		Prof	<b>Samunder</b>	Singh	Dr. Satbir Singh Kadian	MICADA, Haryana	Interaction of drip irrigation and herbicides on rice and wheat
P172		Dr	<b>C.R.</b>	Kantwa	Sarvesh Tripathy, S.R.K. Singh*, Sushil Kumar, & S.R. Jakhar	Krishi Vigyan Kendra Jaora, Ratlam, VPO- Kalukheda, Block: Piploda, Dist. Ratlam 457340 (MP)	Evaluation of incubated improved farmer's varieties of wheat in Malwa region of Madhya Pradesh
P173		Dr	<b>S.L.</b>	Yadav	S.N. MEENA, KHAJAN	Agriculture University Kota,	"Impact of nano fertilizers on
P174		Dr	<b>D.D.</b>	Patel	T. U. PATEL, H. H. PATEL, A. D. RAJ AND M. L. PATEL	Department of Agronomy, College of Agriculture, Navsari Agricultural University, Bharuch, Gujarat 392012	RESPONSE OF COTTON TO GREEN MANURING AND DIFFERENT FERTILITY LEVELS
P175		Dr	<b>Ashok K.</b>	Saini	LALITA H. SAINI*, PRITESH M. PATEL	Centre for Natural Resources Management, Sardarkrushinagar Dantiwada Agricultural University, Sardarkrushinagar, 385 506 Gujarat	Performance of Indian mustard (Brassica juncea L.) under integrated nutrient management
P176		Dr	<b>Lalita H.</b>	Saini	Ashok K. Saini	Agroforestry Research Station, Sardarkrushinagar Dantiwada Agricultural University, Sardarkrushinagar, 385 506 Gujarat.	Weed management effects on growth and yield of kharif grain sorghum (Sorghum bicolor L.)
P177		Dr	<b>K.I.</b>	Patel	S.M.Patel, Mayank H. fadadu, Asha J. Diyol, P.J. Patel and H.B. Patel	Agricultural Research Station, S.D. Agricultural University, KHOLWADA- 384151, Ta: Siddhpur, Dist: Patan (Gujarat)	Response of fenugreek (Trigonella foenum graecum L.) to varying levels of sulphur and foliar application of zinc
P178		Dr	<b>Jami</b>	Naveen	K KURMI2, M SAIKIA2, K PATHAK2, B GOGOI2, A K SRIVASTAVA3, VIRENDAR KUMAR1, SURYAKANTA KHANDAI1, SUMANTA KUNDU4, M SARMAH2, K SAI TEJA2, A HAZARIKA	ICAR- Central Research Institute for Dryland Agriculture, Santhoshnagar, Hyderabad, Telangana	Influence of Fertilizer Deep Placement on GHG Emissions and Performance of Direct Seeded Rice
P179		Dr	<b>C.S.</b>	Praharaj	Kiran Reddy, KK Pal, and Keval Hirapara	Crop Production Unit, ICAR-Directorate of Groundnut Research, Junagadh, Gujarat - 362001 (India)	Bridging the yield gap of groundnut (Arachis hypogaea L.) through augmenting Integrated Crop Management Practices (ICMP)
P180		Dr					
P181		Dr	<b>Ashish</b>	Shivran	Ramesh Kumar, Rajpaul Yadav, Ashok Dhillon, Poonam Yadav and Narendra Yadav	KVK, Mohindergarh, CCS Haryana Agricultural University, Hisar, Haryana-125004	Impact Assessment of Cluster Front Line Demonstration on Mustard Crop
P182		Dr	<b>K. A.</b>	SHAH	N. N. PATEL AND P. RATHAVA	Krishi Vigyan Kendra, Navsari Agricultural University, Eru cross road, Navsari 396450 Gujarat	RESPONSE OF SUMMER FODDER PEARL MILLET VARIETIES TO DIFFERENT LEVELS OF FYM AND NITROGEN ON YIELD AND POST HARVEST STATUS OF SOIL
P183		Dr	<b>Alok Singh</b>	Jayara	Rajeev Kumar, Anil Shukla	Department of Agronomy, G B Pant University of Agriculture & Technology, Pantnagar, 263145	Effect of application of Nano fertilizers along with mineral based product on the plant height of maize crop
P184		Dr	<b>SURBHI</b>	SHARMA	APARNA MAITRA PATI, RAKESH KUMAR	Agrotechnology Division, CSIR-Institute of Himalayan Bioresource Technology (Council of Scientific and Industrial Research), Palampur-176061 (H.P.)	Synergistic Effects of Biostimulants and Fertilizers on Biomass and Essential Oil Yield of German Chamomile (Matricaria chamomilla L.)

P185		Dr	<b>PRIYANKA</b>	SAHOO	NAVEEN GUPTA2, A S BRARI, SUKHPREET SINGHI, V K SINDHU1, HARJEET KAUR	Centre for Water Technology and Management, Department of Agronomy, Punjab Agricultural University, Ludhiana (141004), Punjab, India, 2Department of Soil Science, Punjab Agricultural University, Ludhiana (141004), Punjab, India	Sustainable yield and water use of wheat through staggered sowing and irrigation scheduling in Indian Punjab
P186		Dr	<b>Manorama K,</b>		Suresh K and Behera SK	ICAR-Indian Institute of Oil Palm Research Pedavegi, Eluru District PIN: 534002 Andhra Pradesh	Oil palm Site Suitability Evaluator (OPSSE) – An intelligent decision tool for evaluating biophysical potential of a land for oil palm cultivation
P187		Dr	<b>G. Senthil Kumar</b>			Associate Professor (Agronomy), Department of Rice, Tamil Nadu Agricultural University, Coimbatore - 641 003, Tamil Nadu, India	Sowing methods for yield enhancement in wet direct seeded rice
P188		Dr	<b>Prakash</b>	Sonnad	Teekam Singh, Tanmay Das, Raj Singh	Student, Division of Agornomy, ICAR-IARI, New Delhi	Tillage and mehtods of nutrients application effects on productivity of maize
P189		Dr	<b>LALCHAND</b>	KUMAWAT		khatliyo ki Dhani, Asalpur, jaipur pincode: 303604	Effect of Dose and Time of Imazethapyr in Irrigated Summer Blackgram (Vigna Mungo L.)
P190		Dr	<b>P.</b>	Faris	A. GHOSH	FARIS P, Ph.D. Scholar, Division of Agronomy, ICAR- IARI, New Delhi-110012.	Efficacy of soil tillage enhancing nitrogen use efficiency in maize - wheat system
P191		Dr	<b>DINESH KUMAR,</b>		MAGAN SINGH, SANJEEV KUMAR, R.K. MEENA, RAKESH KUMAR, MANISH KUSHWAHA, SHRIPAD BHAT, VENKATESH PARAMESH AND PARVEEN KUMAR	ICAR-Central Coastal Agricultural Research Institute, Old Goa, Goa 403 402	Enhancing energy and carbon efficiency through nutrient management and varietal selection for fodder maize in India's Indo-Gangetic Plain
P192		Dr	<b>R P Mishra</b>			ICAR-Indian Institute of Farming Systems Research, Modipuram, Meerut – 250 110	Enhancing Farm Sustainability and Livelihoods: The Potential of Integrated Farming Systems in Small Landholder Context
P193		Dr	<b>ABHIJIT</b>	MANDAL,	TEEKAM SINGH, AYAN SARKAR	Vill-Narangi, P.O+P.S.-Ranishwar, Dist-Dumka, State-Jharkhand, Pin-814148	Effect of Nano-urea and irrigation regimes on growth and productivity of wheat
P194		Dr	<b>NAVNIT</b>	KUMARI	, LALITA RANA1 AND A.K SINGH2	Assistant Professor-cum-Scientist, Department of Agronomy, Sugarcane Research Institute, Dr. Rajendra Prasad Central Agricultural University, Pusa, Samastipur, Bihar- 848125	ASSESSING THE EFFECTS OF LIQUID NANO UREA ON GROWTH, YIELD AND QUALITY OF SUGARCANE (Saccharum spp. hybrid complex)
P195		Dr	<b>N.</b>	LAVANYA	P. Laxminarayana, K.B. Suneetha Devi, G. Jayasree and Lakshmi prayaga	NARASIMHA REDDY NAGAR MALKAJGIRI, Telangana	EFFECT OF DRIP IRRIGATION AND FERTIGATION LEVELS ON PHYSIOLOGICAL PARAMETERS AND PRODUCTIVITY OF HIGH DENSITY SUMMER SWEETCORN IN TELANGANA STATE
P196		Dr	<b>Vaijanath</b>	Bavalgave	Hitesh Virdia and Vrajdas Usadadiya	Department of Agronomy, Navinchandra Mafatlal College of Agriculture, Navsari Agricultural University, Navsari-396450 (Gujarat), India	Effect of seed priming and irrigation on seed production of rabi sunhemp under kyari land of south Gujarat

P197		Dr.	<b>Narsing</b>	Parlawar	S.U.KAKADE,J.P.DESH MUKH, S.S.THAKARE and M.S.SOLANKE	Dr.N.D.Parlawar Associate Dean College of Biotechnology waghapur road Yavatmal,Maharashtra	Effect of split application of nutrients through fertigation on yield , system productivity and economics in rice-wheat cropping sequence
P198		Dr.	<b>Hitesh</b>	Virdia		Navsari Agricultural University Vijalpor, Navsari 396450	Standardization of Spacing for Sugarcane Planting Through Single Eye Budded Settling
P199		Dr.	<b>Shyamrao</b>	Kulkarni	Satyanarayana Rao, Desai, B.K. Basavanappa, M. A , Mahadevaswamy , Bhat, S. N. and Yogeesh L. N.	Dept of Agronomy College of Agriculture Bheemaraynagudi-585287	Nutrient dynamics in foxtail millet – Melia dubia based agroforestry system under organics
P200		Dr.	<b>Joseph</b>	Mani	Hemalatha Muniyandi, Velayutham, A	Tamil Nadu Agricultural University	Effect of Enhanced nutrients levels and irrigation regimes on use efficiencies of wet seeded rice under Tamirabarani command area of Tamil Nadu
P201		Dr.	<b>Amit Kumar</b>	Jha	Pushpendra Yadav	Jawaharlal Nehru Krishi Vishwa Vidyalaya,	Nitrogen levels response to Oat genotypes in agro-climatic condition of Kymore plateau zone of Madhya Pradesh
P202		Ms.	<b>Bhagyashri</b>	Solanke	Renuka Shide , Vidyasagar Gadam	Ahilya Girls Hostel, Gate No. 06, Krishi Nagar Akola-444104, Maharashtra, India	Influence of Different Irrigation Regimes and Land Configurations on Yield and Economics of Summer Groundnut ( <i>Arachis hypogaea</i> L)
P203		Ms.	<b>Monika</b>	Raghuwanshi	Amit Kumar Jha, Namrata Jain	Rani Durgawati Girls Hostel College Of Agriculture Jabalpur Jawaharlal Nehru Krishi Vishwavidyalaya, Jabalpur, 482004, Madhya Pradesh, India	Effect of weed management techniques on nutrient uptake in Fodder Maize
P204		Dr.	<b>Sourabh</b>	Munnoli	SHASHIDHARA G.B., S.S. NOOLI AND ALAGUNDAGI S.C.	"NIRANT", Mahaveer Nagar, Near old RTO office, NM road, Chikodi	Precision sugarcane production under different drip irrigation and fertigation levels in adsali season
P205		Mr.	<b>Ambuj kumar</b>	Singh	Ram Swaroop Meena	Hostel- Bal Gangadhar tilak, Room No- 04 Near Shopping Center, BHU, Varanasai 221005	Influence of waste components and nutrients on total nutrient uptake and grain quality in Wheat. ( <i>Triticum aestivum</i> L.)
P206		Ms.	<b>PRERNA</b>	HINGE	C. P. JAYBHAYE	AT POST BULDHANA, DWARKANAGAR, NEAR PALNAGHAR, RAJGURE LAYOUT, SAGWAN AREA, MAHARASHTRA, Pin- 443001.	Effect of Blended Fertilizers on Yield and Quality of Maize
P207		Dr.	<b>Satpal</b>	Singh	Rukinder Preet Singh Dhaliwal, Ajmer Singh Brar	Room No. 204, Department of Agronomy, Punjab Agricultural University, Ludhiana, Punjab 141004	Influence of irrigation scheduling and in-situ rice residue management on phenology, micro-meteorological parameters and grain yield of wheat ( <i>Triticum aestivum</i> L.)
P208		Ms.	<b>Thakur</b>	Indu	Dr. Rajesh singh	H.No. 3-226/1 Near Hanuman Temple Tailors colony Adilabad Dist Telangana state Pincode: 504001	Evaluation of Productivity and profitability of Sunflower as Fertilized by Sulphur and Boron

P209		Dr.	<b>DIKSHA</b>	TAJANE	BEENA NAIR, SANDEEP KAMADI, SWAPNIL THAKARE AND SHARAD BHURE	AICRP on linseed and mustard, College of Agriculture (Dr. PDKV), Nagpur-440001, Maharashtra	Effect on growth attributes, yield, and economics of mustard on different levels of irrigation and microbes
P210		Ms.	<b>SURANJANA</b>	BISWAS	G. B. SHASHIDHARA	Room no. 234, Golden Jubilee Hostel, G. B. Pant University of Agriculture and Technology, Pantnagar, Dist. Udham Singh Nagar, Uttarakhand, Pin-263145	Optimization of irrigation for improving yield and economics of summer groundnut
P211		Mr.	<b>Ram Pravesh</b>	Rajbhar	Rajeew Kumar, Alok Singh Jayara, Priyanka Pandey, Anil Shukla	C/o Dr Rajeew Kumar Department of Agronomy (Wing II) College of Agriculture, G B Pant University of Agriculture & Technology, Pantnagar, Uttarakhand 263145	Effect of application of Nano urea on the effective tillers and yield of wheat crop
P212		Ms.	<b>ANJU</b>	BALA	JAYESH SINGH, AMANPREET KAUR, VARINDERPAL SINGH, ACHLA SHARMA AND SURJIT SINGH MANHAS	village salangri po gaggal tehsil dharamshala distt kangra himachal pradesh india 176209	Effect of methods and timing of nitrogen application on micrometeorological parameters and wheat yield sown under variable conservation tillage systems
P213		Dr.	<b>Babasaheb</b>	Sinare	S.A. Borje, R.P. Andhale, B.T. Shete	Dr. B.T. Sinare, Associate Professor of Agronomy, Department of Agronomy Post Graduate Institute, Mahatma Phule Krishi Vidyapeeth, Rahuri-413 722, Dist. Ahmednagar, Maharashtra, India	Efficacy of different weed management methods for weed control and yield of soybean (Glycine max L.)
P214		Ms.	<b>SHOBHANA</b>	SINGH	SUMIT CHATURVEDI	IV 891 JHA COLONY PANTNAGAR, Udham Singh Nagar	Response of rice husk biochar coated urea and enriched biochar on nitrogen use efficiency of sweet corn
P215		Ms.	<b>Jyothsna</b>	KUSUKUNTLA	Padmaja. J , Sreelatha. D , Mahender. K. R . and Madhavi.A 5 .	room no 250. golden jubilee bhawan, gbpant agricultural university, pantnagar, uttarakhad, pincode: 263145	PRECISION NITROGEN MANAGEMENT IN RAINFED MAIZE (Zea mays L.) THROUGH HAND HELD DECISION SUPPORT TOOLS
P216		Dr.	<b>Ravi</b>	Andhale	A. R. Nagtilak, B. T. Sinare, S. A. Kadam, and S. K. Dingre,	Dr. Ravi Pandharinath Andhale, Associate Professor of Agronomy, Directorate of Instruction, MPKV, Rahuri-413722, Dist. Ahmednagar, Maharashtra.	Effect of different irrigation regimes on seed production of soybean cultivars in summer season
P217		Dr.	<b>Sudhir</b>	Shukla	S K Pathak	DD Aashiana Lucknow	Diversification and Sustainability of Sugar Industry in Uttar Pradesh

P218		Dr.	<b>Rakesh</b>	Choudhary	MAMTA NEHRA, SEEMA YADAV, RAMESH, MOTI LAL MEHRIYA, SURENDRA KUMAR	College of Agriculture, Baytu Baytu-344034, Barmer, Rajasthan	Effect of crop geometry with drip irrigation on productivity and profitability of fennel ( <i>Foeniculum vulgare</i> ) in Western Rajasthan
P219		Mr.	<b>SUDARSHAN</b>	S	NIVEDITHA M P, KAPILA SHEKHAWAT, SHIV DHAR MISHRA	#141 SHISHIR HOSTEL IARI PUSA CAMPUS NEW DELHI110012	Effect of crop establishment methods and nitrogen management on protein content and yield and productivity of wheat under rice-wheat system
P220		Mr.	<b>SANJAY Suresh</b>	NITAVE	UTTAM MAHADAKAR, SANTOSH RAUT	Mr. Sanjay Suresh Nitave Assistant Professor of Agronomy Goa College of Agriculture, Ela Farm, Old-Goa Goa. 403402	Effect of pre and post emergence herbicide combination on weed flora in direct seeded dibbled rice ( <i>Oryza sativa</i> L)
P221		Prof	<b>Chandramani</b>	Khanda	Anshuman Nayak	Associate Director of Research OUAT- Central Research Station OUAT, Bhubaneswar, Odisha, India 751003	Nonpuddled mechanical transplanting of rice ( <i>Oryza sativa</i> L.): a profitable establishment method for enhancing productivity
P222		Dr	<b>RAJKUMAR SHINDE</b>		SUNILKUMAR SHIRASANGI, RAJIV RATHOD, KOMAL BHUKHANWALA, JITENDRA PATEL AND RAJKUMAR SHINDE		Effect of TechnoZ on growth, yield, quality and efficacy against turicum leaf blight of maize ( <i>Zea mays</i> L.) with optimum doses of NPK fertilizers
P223		Dr.	<b>SREENIVAS ULU</b>	SAKAMURI	V.Divya, T.Ramu Kumar and B.Nirmala	Dr.S.Sreenivasulu Sr.Scientist & Head RASS - Krishi Vigyan Kendra Vanasthali Karakambadi Post - 517520 Tirupati Dt., A.P.	Resource conservation in rice through tractor drawn seed drill
P224		Mr.	<b>Mohitesh</b>	Singh	Satpal Singh, A S Brar and R S Grewal	Ph.D. Scholar Department of Agronomy, Punjab Agricultural University, Ludhiana.	Water productivity of spring maize as influenced by method of sowing, mulching and irrigation scheduling
P225		Dr.	<b>Nagabhusanam</b>	Uppala	Shravan Kumar, Uma Reddy	Dr.U.Nagabhusanam Principal scientist (Crop production), DAATT Centre, RARS, Warangal-506007 (TS)	Performance of rice under different water management practices and crop establishment methods
P226		Mr.	<b>Ankala</b>	saikishore	D. sreelatha	67, Sairam enclave, Hydershakote, Rajendranagar, Ranga Reddy, Telangana-500091	ASSESSING OF RESIDUAL LEGUME EFFECT ON GROWTH AND YIELD PARAMETERS OF RABI MAIZE UNDER IRRIGATED CONDITIONS

P227		Dr.	<b>Hiren</b>	Der	P.M. VAGHASIA, H.P. VERMA	Main Sorghum Research Station, Navsari Agricultural University, Ghod dod road, Surat, Gujarat 395 007	Effect of foliar application of potash and micronutrients on groundnut
P228		Dr.	<b>Ajay Kumar</b>	Banyal	NOVIA THAKUR, SANJEEV KUMAR BANYAL, NAVJOT SINGH KALER	Department of Fruit Science, College of Horticulture and Forestry, YSP UHF, Neri Hamirpur Himachal Pradesh 177 001, INDIA	Growth input optimization for achieving graftable thickness in rough lemon (Citrus jambhiri lush.) Seedlings.
P229		Dr.	<b>Deepa</b>	Sharma	Sanjeev K Banyal, Aanchal Chauhan	Dr. YS Parmar University of Horticulture and Forestry, Nauni, solan HP	Kharif onion cultivation for crop diversification and enhancing livelihood security in subtropics of Himachal Pradesh
P230		Dr.	<b>Vikash</b>	Gupta	Amit Jha and R.S. Shukla	JNKVV, Jabalpur	Response of new genotypes to irrigation levels in Kymore Plateau and Satpura Hills zone of Madhya Pradesh
P231		Mr.	<b>B. S.</b>	Morwal	S N Potkile and J P Deshmukh	Jr. Agronomist	On farm crop response to plant nutrients in pre dominant cropping systems
P232		Dr.	<b>KAMAL KUMAR</b>	SINGH	SWAPNIL KHARBADE	Zuari FarmHub Ltd (ZFL)	Innovative Application Technologies for Precision Input Management
P233		Ms.	<b>Bandana</b>	Shelja Kumari		Dr Yashwant Singh Parmar College of Horticulture and Forestry Neri, Hamirpur HP-177001	Effect of plant growth promoting bacteria and inorganic fertilizers on growth, yield and quality of peach
P234		Dr	<b>Bommayasamy N.</b>		Y Ramakrishna, H.R.C.Prabhu, Monica Suresh Singh, Rahul Kulkarni, and Sanjaykumar Udhanwar	ICAR-Krishi Vigyan Kendra, ICAR-Central Coastal Agricultural Research Institute, Ela Old Goa-403402	Real time nitrogen management using leaf colour chart on productivity, profitability and nutrient use efficiency of rice in island ecosystem
P235		Dr.	<b>Dr. Vijaymahantesh</b>		LAKSHMI RUDRAGOWDA KADANAGOWDRA	Dr. Vijaymahantesh Assistant professor of Agronomy Department of Natural Resource Management KRCCH, Arabhavi-591218	EFFECT OF DIFFERENT SPACING AND FERTILIZER LEVELS ON YIELD AND ECONOMICS OF CHIA (Salvia hispanica L).
P236		Mr.	<b>AKSHAY KUMAR</b>	KURDEKAR	H.M. JAYADEVA	Shabazar Beside Ram Mandir Kalaburagi, 585101	Precise use of green synthesised nano iron on yield components of Aerobic rice
<b>6. Millets (Shree Anna) for Human and Environmental Health</b>							
P237		Dr	<b>Anupma</b>	Kumari	R.K. Tiwari, A.K. Singh, R.K. Roy, Bharati Upadhaya, Anand Kumar and M.S. Kundu	Dr Rajendra Prasad Central Agricultural University, Pusa, Bihar-848125	Technology gap of ragi (eleusine coracana) cultivation minimizes through front line demonstration (Fld) under changing climatic condition in Bihar
P238		Dr	<b>H.H.</b>	Patel	A. P. Patel, R. R. Pisal and T. U. Patel	Department of Agronomy, College of Agriculture, Navsari Agricultural University, Bharuch 392 012, Gujarat,	EFFECT OF ORGANICS ON FINGER MILLET

P239		Dr.	<b>Karthikeyan</b>	Arigovindan	M G Sreemathi, S Babu and C Ravikumar	ASSISTANT PROFESSOR, DEPARTMENT OF AGRONOMY, FACULTY OF AGRICULTURE, ANNAMALAI UNIVERSITY, ANNAMALAI NAGAR 608002 TAMIL NADU, INDIA	INFLUENCE OF INM PRACTICES ON GROWTH AND YIELD ATTRIBUTES OF TRANSPLANTED RAGI
P240A		Dr	SREELEKSHMI	S.	DEVI, V.S.	Senior Research Fellow Krishi Vigyan Kendra Palakkad Melepattambi, Pattambi 679 306	"EFFECT OF DOLOMITE ON NUTRIENT AVAILABILITY FOR RICE IN VAIKOM KARI SOILS OF KUTTANAD
<b>8. Post-Harvest Management to Achieve The Farm-To-Fork Concept</b>							
P240		Mr.	<b>SATISH</b>	CHUDASAMA	Susheel Singh, Ahlawat T. R., Chaudhari A. D., Patel Kishan, Patoliya Jay and Devika M. Patel	ROOM NO 32, NAVRANG OLD PG BOYS HOSTEL, NAVSARI AGRICULTURAL UNIVERSITY, NAVSARI, GUJARAT 396450	AGRONOMIC BIO-FORTIFICATION –AN EXCELLENT APPROACH FOR ALLEVIATING MALNUTRITION
P241		Ms.	<b>Tejasvini Amruthai</b>	Patel	T. R. Ahlawat ,Susheel Singh,Patel Mili and Patoliya Jay	AMBACH (NAHER UPLA FALIYA) TA:CHIKHLI DIS: NAVASARI PINCODE:396540	Turning Waste into Wealth: The Case of Distillery Spent Wash. A review
<b>9. Redesigning Agronomy for Knowledge and Skill Development</b>							
P242		Dr	<b>M. A. ANSARI</b>			ICAR-Indian Institute of Farming Systems Research, Modipuram, Meerut, Uttar Pradesh-250 110	Comparative analysis of sustainable livelihood security in organic and conventional farming practices
P243		Dr	<b>Sujan</b>	Mahmud	Swapan Kumer Paul, Richard W Bell, Md. Abdul Kader	Sujan mahmud (Scientific officer) Bangladesh Agricultural Research Institute, Gazipur, Bangladesh	Performance of sunflower ( <i>Helianthus annuus</i> L.) in respect to planting systems in the salt-affected polder area of Bangladesh
P244		Mrs	<b>Subarna</b>	Kundu	AHMED KHAIRUL HASAN, A K M MOMINUL ISLAM, RICHARD WILLIAM BELL, TAPAS CHANDRA BOSE AND MD. ABU HENA SORWAR JAHAN	1.Scientific Officer, Agronomy Division, Bangladesh Agricultural Research Institute (BARI), Gazipur, 1701.2. Professor, Department of Agronomy, Bangladesh Agricultural University (BAU), Mymensingh, 2202	Determination of planting dates for performance of potato varieties following zero tillage method in saline prone areas of Bangladesh
P245		Dr.	<b>VIVEK S.</b>	DEVARANA VADGI	S.B. PATIL, R.A. NANDAGAVI, H.S. PATIL, S. SHUBHA, VITTAL MANGI AND M.P. POTDAR	Dr. V. S. Devaranavadi Sr. Scientist (SWCE) AICRP for Dryland Agriculture, Regional Agricultural Research Station, Vijayapura 586 101 UNIVERSITY OF AGRICULTURAL SCIENCES, DHARWAD, Karnataka, India	Performance of Ajwain ( <i>Trachyspermum ammi</i> L.) varieties in the Northern Dry Zone of Karnataka

P246		Dr.	<b>Rajendra A.</b>	Nandagavi	P.V. JADHAV, S.B. PATIL, B.O. KIRAN, V.S. DEVARANAVADGI, H.S. PATIL, M.P. POTDAR AND J.V.N.S. PRASAD	Dr. R. A. Nandagavi Sr. Scientist (Agronomy) AICRP for Dryland Agriculture, Regional Agricultural Research Station, Vijayapura 586 101 UNIVERSITY OF AGRICULTURAL SCIENCES, DHARWAD, Karnataka, India	Transplanting technique in pigeonpea for contingent crop planning in semi-arid regions of Karnataka
P247		Dr	<b>Sharad</b>	Jadhav	SURVASE, R. T.	Ph.D. Scholar, Department of Agronomy, Vasantao Naik Marathwada Krishi Vidyapeeth, Parbhani, Maharashtra 431402	Response of Linseed ( <i>Linum usitatissimum</i> L.) to different fertilizer levels and weed management practices





























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