

Poster List schedule

Session I DAY 1

1. Organic Farming and Natural Farming

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|-----|--|----|-----------------|-----------|--|--|--|
| P1 | | Dr | A. | 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 | Arvind | Verma | Ruchika Choudhary, and Name Surname ³ | ¹ Department of Agronomy, MPUAT, Udaipur, 313001 | Effect of organic weed management on weed dynamics of baby corn (<i>Zea mays</i>) |
| P3 | | Dr | Anchal | 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 | Bhuvnesh | 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 | G.K. | 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 | D.K. | Borse | M.R. Wahane ² K.P. Vaidya ³ , S.B. Bhagat ⁴ P.S. Bodake ⁵ 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 | Shoukat | 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 | Manoj S. | 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 | S.M. | 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 | C.H. | 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 | P.V. | 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 | Jairam | 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 | SAIZAL | 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 |

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| P14 | | Dr | SAHADEVA | 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 | Yonika | 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 | N.K. | 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 | Divya | 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 | S.K. | 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 | H.P. | 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 | HARISH | 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 | PRIYANKA | 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. | ASHA | 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. | HEMANT | 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. | Rakesh | 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 |

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| P25 | | Dr. | R.M. | 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. | DEEPAK KUMAR | JAISWAL | 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. | A. P. | 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. | Umesh | 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. | AKSHAY | 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. | Shivam | 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 |

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|-----|--|-----|-----------------------------|-----------|---|---|--|
| P31 | | Ms. | NALLA | 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. | NEETIRAJ | 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. | SRI B.S.S. Siddharth | 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. | Santosh | 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. | Rajashree | | 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. | Balaraju | 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. | Dr R S | 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 |

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|---|--|-----|-----------------------|-----------|--|---|---|
| P38 | | Ms. | Devika M. | 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. | Sunil | 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 | Devani | 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 | JYOTIRMA Y | 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 |
| 7. Agro-Ecological Approaches for Biotic and Abiotic Stress Management | | | | | | | |
| P42 | | Dr | V.J. | 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 | Amit | 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 | C. | 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 | Shabnam | Thakur | Suresh Kumar ² , Sandeep Manuja ³ , Shagun Shukla ⁴ and Vaishali ⁵ | Department of Agronomy, College of Agriculture, CSK Himachal Pradesh KrishiVishvavidyalaya, Palampur-176062 | Bio-efficacy of flumioxazin against mixed weed flora in wasteland of Himachal Pradesh |
| P46 | | Dr | Vivek | 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 | Vaishali | | 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 | Vinod 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 | S.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 | D.V. Srinivasa | 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 | Rajbir | 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 |

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| P52 | | Dr | SANJAY | 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. | POOJA | 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 | Usadadiya | 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 | Dr. Arvind R. | 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 | V.S. | Susha | Harikrishnasagar. V, Susha. V. S, Ameen. 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 | Rakesh | 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 | Mummasani Asritha | 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 | Dr Ram Niwas | 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 |

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|-----|--|----|--------------------------|-----------|--|---|---|
| P60 | | Dr | PIJUSH KANTI | 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 | Ameena M | | 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 | UDITI DHAKAD | | 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 | PRATAP | 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 | Sonaka | 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 | D.K. | 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 | HARPREET KAUR | 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 | M. S. | 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 |

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| P68 | | Dr | GURIQBAL | 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 | Maninder Kaur | | 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 | Anant | 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 | UTKARSH | 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. | Ravisankar | 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. | KUMARESAN | 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. | Kajal | 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. | Hari | 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. | Rohit | 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. | Lavanya | 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 |

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| P78 | | Dr. | Dharmendra | 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. | Navjot Singh | 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. | HANUMAN | 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. | Simerjeet Kaur1 | | 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. | ANANDA | 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.S. | 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 | Dhanalakshmi | 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 | PRATIK | 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 | Pushpendra Pratap | 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 | Fatehjeet Singh | 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 | Ashok | Chaudhary | N. N. Parajapti | Center for Crop Improvement Sardarkrushinagar Dantiwada Agricultural University Sardarkrushingar, Banaskantha, Gujarat 385 50 | "Performance of summer Kalingada under changing climatic scenario |

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|--|--|-----|-------------------|------------------------|---|---|---|
| P88C | | Dr | Yogita | 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 |
| Session II DAY 1 | | | | | | | |
| 3. System Approaches for Agro-Ecosystem Sustainability and Integrated Farming Systems | | | | | | | |
| P87 | | Dr | S.M. | 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 | Monika | 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 | C. | 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 | K. | Nalini | C. Vennila | LFC, VC&RI Tirunelveli | Effect of cutting height and interval on the productivity of mulberry |
| P91 | | Dr | P. | 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 | D. | Udaya lakshmi | P.H. Patel ² | 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 | U.S. | KUDTARKAR ¹ | S.V. DESHMUKH ² , V.N. SHETYE ³ , A.P. CHAVAN ⁴ and P. S. BODAKE ⁵ | Dr. Balasaheb Sawant Kokan Krishi Vidyapeeth, Dapoli 415 712 (MS) | Performance of fodder oat under changing climatic scenario in south konkan |
| P94 | | Dr | Jashanjot | KAUR ¹ | S S WALLIA ¹ and N RAVISANKAR ² | Punjab Agricultural University, Ludhiana, Punjab | Integrated farming system for nutritional security and income enhancement- a farmer participatory experiment |
| P95 | | Dr | Rakesh | 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 | PRABHJIT | 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 | K.V. | 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 | Rajendra | 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 | Shivali | 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. | SHASHANK | PATEL | S.S. Rathore, S.D. Mishra, Anand Prasad | Ph.D. Scholar, Division of Agr | Performance of Indian mustard (Brassica |
| P101 | | Dr | M.K. Singh | | 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 |

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|------|--|-----|-----------------------|----------|--|--|---|
| P102 | | Dr | W.N. | 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 | Tanya Singh | | 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 | S.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 | Nagesh Rathod | | 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 | ANJU BIJARNIA | | 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 | A.K. PRUSTY | | , 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 | Jagmohan Kaur | | 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 | M. SHAMIM | | , 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 | KAVYA | 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 | J. P. Deshmukh | | 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 | K. Giridhar, | | 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. | SACHIN | 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. | Sanjay | 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 |

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|------|--|-------|-------------------------|-----------|---|--|---|
| P115 | | Prof. | Purushottam | 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. | NAKUL | MANDAL | JYOTIRMA Y 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. | BINDHU, J.S., | | 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. | Anamika | 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. | VIJAYAPRA BHAKAR | ARUMUGA M | 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. | ANU | 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. | K Srikanth | 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. | Birendra | 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. | Kanika | 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. | A.K. | 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. | VISHAL | Awasmal | 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. | Desam. Lakshmi | 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 |

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|------|--|---------------------------|----------------|--|---|--|
| P127 | | Dr. Ashitosh | 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. SOMANAGO UDA 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. Krishna Murthy | 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. Suresh | Rana | "---- | 19 A model town Karnal | Wheat-Cucurbits Inter-Relay Cropping: A remunerative and Proficient Crop Rotation for Small Farmers |
| P131 | | Dr. ASHA | 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. SOMANAGO UDA | 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. MADHU | 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. Parveen | 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. Aditya Prakash | 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. |

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|------|--|-----|---------------------|---------|--|---|---|
| P136 | | Dr. | G Kiran | 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 | J.K. Malav | | 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. | AMRIT LAL | 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 | S.S. RATHORE | | 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 | Ankit | Tiwari | | Defence Research Laboratory, Solmara Cantonment, Texpur, Assam | Effect of sulphur nutrition under conservation management on carbon budget in Haplustepts soils |
| P141 | | Dr. | Navjot Singh | Kaler | Kamal Sharma, Ajay Kumar Banyal | COHF Neri, Hamirpur-177001 HP, INDIA | Sustaining Nature and Livelihoods: Agroforestry in Shivalik hills, India |
| P142 | | Dr. | Parul | 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. | Shyam Sundar | 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. | Anshul | 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. | MILI | 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 |

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|-------|--|-----|------------------------|----------|---|--|---|
| P146 | | Mr. | JAY | 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. | Saubhagya Kumar | 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. | Muni Pratap | 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

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|------|--|-----|--------------------------------|----|---|---|--|
| P148 | | Dr. | Shivashankar | K. | ² M.P. Potdar, ³ D.P. Biradar, ⁴ K.K. Math and ⁵ 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 | Artificial intelligence based leaf nitrogen estimation in Maize |
| P149 | | Dr. | Kanade Aditya Kamalakar | | 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. | Prashant Bodake | | 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

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|------|--|-----|------------------------|---------------|--|---|--|
| P151 | | Dr. | 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. | Aanandi Lal | 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. | MANJANAG OUDA S | S Sannagoudar | PANKAJ PATIDAR ³ , AVIJIT GHOSH ² , AMIT K SINGH ² 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. | Sudhakar | 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. | Naveen Kumar | | 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 |

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|--------------------------------------|--|-----|-----------------------|--------------------|---|---|--|
| P157 | | Mr. | Kiran | 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 |
| 2. Precision Input Management | | | | | | | |
| P158 | | Dr | Kiran | 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 | Hiren Kumar | 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. | Harsh K. | 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 | Partha Sarathi | 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 | Kuldeep | 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 | Nitesh | 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 | R.A. | 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 | P. | Baskar | C. Sangeetha | Kumaraguru Institute of Agriculture, N.Puram, Erode-638315 | Productivity of paddy under varying seed rate and different establishment techniques |
| P166 | | Dr | Manisankar | 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 | Sauhard | Dubey ¹ | Gaurav Shukla ² , Mukesh Kumar ³ | 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 | V.K. | 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 | Sumanta | 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 |

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|------|--|------|------------------|----------|---|---|--|
| P170 | | Dr | C. | 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, Iruvakk, Shivamogga-577204, Karnataka | Response of Soybean (Glycine max. L) to Sulphur and Boron Nutrition on Growth and Yield. |
| P171 | | Prof | Samunder | Singh | Dr. Satbir Singh Kadian | MICADA, Haryana | Interaction of drip irrigation and herbicides on rice and wheat |
| P172 | | Dr | C.R. | 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 | S.L. | Yadav | S.N. MEENA, KHAJAN SINGH, V.K. YADAV, UDITI DHAKAD AND PRATAP SINGH h | Agriculture University Kota, Rajasthan 324 00 | "Impact of nano fertilizers on productivity and profitability of Indian mustard |
| P174 | | Dr | D.D. | 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 | Ashok K. | Saini | LALITA H. SAINTI*, 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 | Lalita H. | 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 | K.I. | 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 | Jami | 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 | C.S. | 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 | Kamlesh | Kumar | C.M. Parihar, T.K. Das, S.L. Jat, P.C. Ghasal, A.L. Meena, Jairam Choudhary, Nirmal, R.P. Mishra | ICAR-Indian Institute of Farming System Research Modipuram, Meerut, 250 110 Uttar Pradesh | Effect of contrasting tillage and varying nitrogen management options on maize in a CA-based maize-wheat system |
| P181 | | Dr | Ashish | 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 | K.A. | SHAH | N. N. PATEL AND P. RATHAVA | Krishi Vigyan Kendra, Navsari Agricultural University, Eru cross raod, 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. |

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|------|--|----|----------------------|---------|---|---|--|
| P183 | | Dr | Alok Singh | Jayara | Rajeew 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 | SURBHI | 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 (<i>Matricaria chamomilla</i> L.) |
| P185 | | Dr | PRIYANKA | SAHOO | NAVEEN GUPTA2, A S BRARI1, SUKHPREET SINGH1, 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 | Manorama K, | | 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 | G. Senthil | Kumar | | 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 | Prakash | 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 | LALCHAND | KUMAWAT | | khatliyo ki Dhani, Asalpur, jaipur pincode: 303604 | Effect of Dose and Time of Imazethapyr in Irrigated Summer Blackgram (<i>Vigna Mungo</i> L.) |
| P190 | | Dr | P. | 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 | DINESH KUMAR, | | 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 | R P Mishra | | | 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 | ABHIJIT | 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 | NAVNIT | 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 (<i>Saccharum</i> spp. hybrid complex) |

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|------|--|-----|--------------------|-------------|--|--|---|
| P195 | | Dr | N. | 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 | Vaijanath | 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. | Narsing | 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. | Hitesh | Virdia | | Navsari Agricultural University Vijalpor, Navsari 396450 | Standardization of Spacing for Sugarcane Planting Through Single Eye Budded Settling |
| P199 | | Dr. | Shyamrao | 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. | Joseph | 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. | Amit Kumar | 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. | Bhagyashri | Solanke | Renuka Shide , Vidyasagar Geadam | 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 (Arachis hypogaea L) |
| P203 | | Ms. | Monika | 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. | Sourabh | 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. | Ambuj kumar | 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. (Triticum aestivum L.) |
| P206 | | Ms. | PRERNA | 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 |

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|------|--|-----|--------------------|------------|---|---|---|
| P207 | | Dr. | Satpal | 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 (Triticum aestivum L.) |
| P208 | | Ms. | Thakur | 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. | DIKSHA | 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. | SURANJANA | 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. | Ram Pravesh | 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. | ANJU | 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. | Babasaheb | 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. | SHOBHANA | 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. | Jyothsna | 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 |

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|------|--|------|------------------------|-----------|--|---|--|
| P216 | | Dr. | Ravi | 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. | Sudhir | Shukla | S K Pathak | DD Aashiana Lucknow | Diversification and Sustainability of Sugar Industry in Uttar Pradesh |
| P218 | | Dr. | Rakesh | 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 (Foeniculum vulgare) in Western Rajasthan |
| P219 | | Mr. | SUDARSHAN | 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. | SANJAY Suresh | 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 (Orzya sativa L) |
| P221 | | Prof | Chandramani | Khanda | Anshuman Nayak | Associate Director of Research OUAT- Central Research Station OUAT, Bhubaneswar, Odisha, India 751003 | Nonpuddled mechanical transplanting of rice (Oryza sativa L.): a profitable establishment method for enhancing productivity |
| P222 | | Dr | RAJKUMAR SHINDE | | SUNILKUMAR SHIRASANGI, RAJIV RATHOD, KOMAL BHUKHANWALA, JITENDRA PATEL AND RAJKUMAR SHINDE | | Effect of TechnoZ on growth, yield, quality and efficacy against turcicum leaf blight of maize (Zea mays L.) with optimum doses of NPK fertilizers |
| P223 | | Dr. | SREENIVAS ULU | 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. | Mohitesh | 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 |

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|-------|--|-----|---------------------------|---------------|---|---|---|
| P225 | | Dr. | Nagabhushanam | Uppala | Shravan Kumar, Uma Reddy | Dr.U.Nagabhushanam Principal scientist (Crop production), DAATT Centre, RARS, Warangal-506007 (TS) | Performance of rice under different water management practices and crop establishment methods |
| P226 | | Mr. | Ankala | 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. | Hiren | 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. | Ajay Kumar | 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. | Deepa | 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. | Vikash | 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. S. | Morwal | S N Potkile and J P Deshmukh | Jr. Agronomist | On farm crop response to plant nutrients in pre dominant cropping systems |
| P232 | | Dr. | KAMAL KUMAR | SINGH | SWAPNIL KHARBADE | Zuari FarmHub Ltd (ZFL) | Innovative Application Technologies for Precision Input Management |
| P233 | | Ms. | Bandana | 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 | Bommayasamy N. | | Y Ramakrishna, H.R.C.Prabhu, Monica Suresh Singh, Rahul Kulkarni, and Saniyakumar Uddharwar | 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. | Dr. Vijaymahantesh | | 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. | AKSHAY KUMAR | KURDEKAR | H.M. JAYADEVA | Shabazar Beside Ram Mandir Kalaburagi, 585101 | Precise use of green synthesised nano iron on yield components of Aerobic rice |
| P236A | | Dr | I.B. | Pandey | R. Prasad, R. S. Singh and Sunil Kumar | Professor, Department of Agronomy, RPCAU, Pusa, Samastipur, Bihar | Integrated nutrient and pest management for enhancing production and monitory return of long duration pigeonpea (Cajanus cajan) under rainfed condition |

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| P236B | | Mr. Shashi Vishwakarma | DR GOPAL R MAHAJAN, DR RAJ NARAYAN | ICAR-Krishi Vigyan Kendra, North Goa, Old Goa, Goa 403402, India ICAR-Central Coastal Agricultural Research Institute, Old Goa, Goa 403402 | Standardization of fertilizer zinc and boron doses for Chilli (<i>Capsicum annum L</i>) in Goa region |
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6. Millets (Shree Anna) for Human and Environmental Health

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|-------|-----|--------------------|-------------|---|---|---|
| P237 | Dr | Anupma | 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 (<i>eleusine coracana</i>) cultivation minimizes through front line demonstration (Fld) under changing climatic condition in Bihar |
| P238 | Dr | H.H. | 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. | Karthikeyan | 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 |

8. Post-Harvest Management to Achieve The Farm-To-Fork Concept

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| P240 | Mr. | SATISH | 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. | Tejasvini Amruthai | 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 |

9. Redesigning Agronomy for Knowledge and Skill Development

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|------|-----|---------------------|--------|--|--|--|
| P242 | Dr | M. A. ANSARI | | | 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 | Sujan | 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 L.</i>) in respect to planting systems in the salt-affected polder area of Bangladesh |
| P244 | Mrs | Subarna | Kundu | AHMED KHAIROL 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 |

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| P245 | | Dr. | VIVEK S. | DEVARANA VADGI | S.B. PATIL, R.A. NANDAGAVI, H.S. PATIL, S. SHUBHA, VITTAL MANGI AND M.P. POTDAR | Dr. V. S. Devaranavadgi Sr. Scientist (SWCE) AICRP for Dryland Agriculture, Regional Agricultural Research Station, Vijayapura 586 101 UNIVERSITY OF AGRICULTURAL SCIENCES, DHARWAD, Karnataka, India | Performance of Ajwain (Trachyspermum mammi L.) varieties in the Northern Dry Zone of Karnataka |
| P246 | | Dr. | Rajendra A. | 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. | Sharad | Jadhav | SURVASE, R. T. | Ph.D. Scholar, Department of Agronomy, Vasantao Naik Marathwada Krishi Vidyapeeth, Parbhani, Maharashtra 431402 | Response of Linseed (Linum usitatissimum L.) to different fertilizer levels and weed management practices |

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