

FARMERS PARTICIPATORY ACTION RESEARCH PROGRAMME (FARP)
DETAILS OF THE INSTITUTES BEING MONITORED BY CENTRAL WATER COMMISSION

S. No.	Name of Institute with address	Description of technology (ies) to be demonstrated Accepted by PIT	No. of demonstrations accepted by PIT	Cost of each demonstration approved by PIT (in thousand Rs.)	Cost (in lakh Rs.)	Monitoring Agency
1	2	4	5	6	7	8
1	Dr. P. Raghav Reddy, Water Technology Centre, College of Agriculture, Acharya N.G. Ranga Agricultural University, Rajendra Nagra, Hyderabad, A.P. Pin 500030	<ul style="list-style-type: none"> • Irrigated Crops <ul style="list-style-type: none"> - Paddy with inclusion of SRI • ID crops 	50	50	25	Shri O.P. Khanda, CE(K&GBO), CWC, Krishna and Godavari Bhavan, 11-4-648, AC Guards, Hyderabad, Pin-500004 Tel: 040-23308640 & 23308642
2	Director, Central Research Institute for Dryland Agriculture (CRIDA), Santosh Nagar, Hyderabad, Pin-500050	<ul style="list-style-type: none"> • Tank silt for improving soil and water productivity as an organic amendment. 	50	50	25	-do-
3	Dr. P.K. Ghosh, Principal Scientist & In charge, WM Division, ICAR Research Station for NEH Region, Umroi Road, Umiam, Meghalaya, Pin-93103, Ghosh_pk2006@yahoo.com	<ul style="list-style-type: none"> • Low cost micro rainwater harvesting structures • Insitu residue management for carry over soil moisture for second crop under terraced situation 	50	50	25	Shri S.K. Chaudhuri, CE(B&BBO), CWC, Rebeka Ville, Temple Road, Near Barak Point, Lower Lachumiere, Shillong, Pin-793001 Tel: 0364- 2220568 & 2220644

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4	Dr. Alok Sikka, ICAR Research Complex for Eastern Region, ICAR Parisar, PO B.V. College, Patna, Bihar, Pin-800014 romeshbatta@yahoo.com	<ul style="list-style-type: none"> • Water saving technologies • Enhancement of water productivity through multiple uses for livelihood of small holders • Multiple use in canal command areas for improved livelihood • Rainwater harvesting 	100	50	50	CE(LGBO), CWC, 177-B, Shri Krishna Puri, Patna, Pin-800001 Tel: 0612-2541087 & 2541865
5	Dr. R.S.Chillar In Charge, OEP, CATAT, Indian Agricultural Research Institute, Pusa, New Delhi, Pin -110012	<ul style="list-style-type: none"> • Aqua-ferti seed drill under conditions to obtain good germination and crop stand • Raised bed technology to achieve higher yield with less water • Enhancing water holding capacity and organic carbon content of soil through biogas slurry • SRI system of rice intensification for paddy cultivation • Laser leveling for efficient irrigation 	100	50	50	Shri A.K. Ganju, CE (YBO), CWC, Kalindi Bhavan, B-5, Tara Crescent Road, Qutab Institutional Area, New Delhi, Pin-110016 Tel: 011-26526865
6	Dr. M.V. Patel, Prof.& Head, Deptt. of Agronomy, B.A. College of Agriculture, Anand Agricultural University, Anand, Gujarat, Pin-388110	<ul style="list-style-type: none"> • Mulching, soil configuration • Irrigation at critical stages, Inter cropping for moisture conservation • Weed control, Plant protection • Hybrid seeds, soil amendments • Post harvest technology 	80	50	40	Shri Chetan Pandit, CE(N&TBO), CWC, Narmada Tapi Bhavan, Sector-10A, Gandhi Nagar, Pin-382043 Tel: 079-23245427 & 23246115

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7	Dr. Gurubachan Singh, Director, Central Soil Salinity Research Institute (CSSRI), Karnal, Haryana, Pin-132001	<ul style="list-style-type: none"> • Injection well/ recharge shaft and pond type groundwater structures for rainwater harvesting and enhancing groundwater recharging in falling water table and depressional areas and for management of groundwater quality, pond renovation • Integrated farming system involving multiple use of water for conventional/ cash crops and allied avenues like horticulture, agro-forestry and aquaculture with or without micro-irrigation system for value addition. Different systems will be evolved for fresh and marginally saline groundwater regions • Water and moisture conservation practices like no tillage, mulching crop diversification including introduction of less water requiring saline water tolerant crops/ varieties under saline water irrigation. 	100	50	50	Shri Jujhar Singh, CE(BO), CWC, Block-4, 6 th Floor, Kendriya Sadan, Sector-9A, Chandigarh, Pin-160017 Tel: 0172- 2741766 & 2742465
8	Dr. Ashwani K. Goel, Research Engineer, Deptt of Agricultural Engineering, CSK Himachal Pradesh Krishi Vishvavidyala, Palampur, HP, Pin- 176062	<ul style="list-style-type: none"> • Drip and sprinkler irrigation • Terrace grading for proper irrigation • Roof precipitation harvesting for vegetable production in cold desert area • Precision and deficit irrigation technology for cropped area • Maximizing crop water use efficiency 	100	50	50	-do-

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9	Dr. J. Prabhakara, Chief Scientist & Head, Water Management Research Centre, SKUAST- Jammu , Main Campus, Chatha, Jammu, Pin- 180009 jprabhakara@gmail.com	<ul style="list-style-type: none"> Deficit irrigation practices in Kharif rice for judicious use of water, achieve yield advantages and savings of water to expand area under irrigation and Border strip layout of timely sown wheat for effective surface drainage or rainstorm water during latter part of Rabi to avoid crop lodging and consequent yield losses. Groundnut-based crop sequence, introduction of papaya as inter-crop Alternate cropping system of rice-potato-rajmash to replace rice wheat system Rainwater harvesting in small ponds with sipaulin lining and recycling the harvested water management technology interventions including conjunctive use of surface and groundwater 	100	50	50	-do-
10	Dr. Raghva Thakur, Professor, (Agronomy) Birsa Agricultural University, Ranchi, Jharkhand, Pin-834006	<ul style="list-style-type: none"> Demonstration of water management technologies such as scheduling of irrigation, efficient surface irrigation methods including drip and sprinkler irrigation for different crops and cropping system 	50	50	25	CE(LGBO), CWC, 177-B, Shri Krishna Puri, Patna, Pin-800001 Tel: 0612-2541087 & 2541865
11	Dr. VS Bhide, Secretary WATER, Watershed Association for Training Employment & Resources Utilisation – New Delhi, Plot 23 Goela Vihar-II, PO Goela Dairy, New Delhi, Pin-11071 Waterngo98@yahoo.com	<ul style="list-style-type: none"> Integrated Fish in farm ponds for stabilizing farm income in addition to crop cultivation Demonstration and dissemination of low cast planting techniques on dry/ waste land Micro irrigation technology in rainfed minor irrigation tanks 	70	50	35	-do-

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\	Dr. M. Prabhakar, Director, Indian Institute of Horticultural Research, Hessaghatta Lake Post, Bangalore, Pin- 560089	<ul style="list-style-type: none"> • Testing improved/ F1 hybrid vegetables under integrated nutrient management (INM) using organic manure, biofertilisers, cakes and chemical fertilizers. • Micro-irrigation and use of mulches to enhance yield and quality and enhance water use efficiency • Low cost net house cultivation of high values vegetables crops such as capsicums and large fruited brinjal hybrids. • Growing resistant/ tolerant vegetable varieties and using IPM technologies for providing safe vegetables of good quality produce • Establishing quality vegetable seeding nurseries using low cost net houses 	50	50	25	Shri K.R. Joshi, CE, Monitoring (South), CWC, Jal Sudha, Near HMT Precision Machinery Division, HMT Post, Bangalore, Karnataka, Pin-560023 Tel: 080- 23376030 & 23379316
13	Dr. L. Krishna Naik, Director of Extension University of Agriculture Sciences, Dharwad, Karnataka, Pin- 580005 deuasd@rediffmail.com naikki@yahoo.co.in	<ul style="list-style-type: none"> • Micro nutrient application in cereal in pulse crops 	100	50	50	-do-
14	Dr. D.L. Savithamma, Professor, Deptt of Genetic Plantics and Plant Breeding, University of Agricultural Sciences, GKVK, Bangalore- 65	<ul style="list-style-type: none"> • Khariff fallow management for improving rainfall use efficiency in Karnataka • Intercropping in groundnut • Insitu soil and moisture conservation in groundnut 	100	50	50	-do-

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15	Dr. Somnath Roy Secretary Sorbhi, Lala Lajpat Rai Society E-7/65, Area Colony Bhopal – 462016 (M.P) baifmp@sify.com	<ul style="list-style-type: none"> • Micro nutrient application in short duration legumes in MP and Gujarat 	100	50	50	Shri R.S. Goel, CE(NBO), CWC, Block-3, G-Floor, Paryawas Bhavan, Mother Teresa Marg, Arera Hills, Bhopal, M.P., Pin- 462011 Tel: 0755-2574513 & 2550253
16	Mr. Sachin Sinha, Director, MP Water and Land Management Institute (WALMI), PB No.538, Bhopal, Madhya Pradesh, Pin-462016	<p>Water Management</p> <ul style="list-style-type: none"> • Application of community sprinkler system in command area of LIS • Palewa study pre soaking of field in the command area • Reclamation of soil salinity in waterlogged area by using molasses in command area <p>Crop Management</p> <ul style="list-style-type: none"> • Biofarming technology • Introduction of HYV in the command area 	100	50	50	-do-

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17	Shri V.V. Damle, Sr. Adviser, Confederation of Indian Industry, Banglow no.-2, Ganesh Khind Road, New Rahul Theatre, Pune Maharashtra, Pin- 411005 v.damle@cionline.org	<ul style="list-style-type: none"> • Mulching and composting • Furrow irrigation • Drip and Sprinkler irrigation • Watershed Management • participatory management and planning in watershed 	100	50	50	Shri R.P. Saxena, CE, Monitoring Central, CWC, CGO Complex, Block-C, 3 rd Floor, Seminary Hills, Nagpur, Maharashtra, Pin-440006 Tel: 0712-2510475 & 2543230
18	Shri B.B. Jadia, Professor & Head, Water and Land Management Institute, Kanchanwadi, P.B. No. 504, Aurangabad, Maharashtra, Pin 431005 admn@walmi.org	<ul style="list-style-type: none"> • Demonstration of improved irrigation practices • water literacy and training to farmers 	50	50	25	-do-
19	Prof. D.D. Pawar, Head, Deptt. of Irrigation Water Management, Mahtama Phule Agricultural university, Rahuri, Maharashtra, Pin-413722 Ddpawar1@rediffmail.com	<ul style="list-style-type: none"> • Mulching • Irrigation layout under surface method of irrigation • Sprinkler irrigation for commonly grown crops in region • Sprinkler irrigation for vegetable based cropping system • Drip irrigation for vegetable based cropping system 	100	45	45	-do-

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20	Dr. SM Taley, Director, Agro-ecology & Environment Centre and Project Engineer Large Farm Development Programme, Dr. Panjabrao Deshmukh Krishi Vidya Peeth, Krishinagar, Akola, Maharashtra, Pin-444104 smtaley@indiatimes.com	<ul style="list-style-type: none"> • Insitu soil and water conservation • Contour farming • Water conservation structures & land treatment • Water saving irrigation system • Inter-cropping systems • Agro-forestry, • Agro-horti-slvipasture system on degraded lands 	83	50	41.5	CE(N&TBO), CWC, Narmada Tapi Bhavan, Sector-10A, Gandhi Nagar, Pin-382043
21	Dr. K.L. Khera Sr. Soil Physicist, Department of Soils Punjab Agricultural University, Ludhiana, Punjab	<ul style="list-style-type: none"> • Water economizing irrigation schedule • dry farming technology for soil and water conservation • Insitu moisture conservation technology • drip irrigation and fertigation • precision land leveling • judicious use of brackish water • efficient nutrient management 	100	50	50	CE(IBO), CWC, Block-4, 6 th Floor, Kendriya Sadana, Sector-9A, Chandigarh, Pin-160017
22	Dr. S P. Wani, Principal Scientist, International Crops Research Institute For the Semi-Arid Tropics (ICRISAT), Patancheru, Andhra Pradesh, Pin 502324 s.wani@cgiar.org	<ul style="list-style-type: none"> • Micro nutrient application in short duration legumes in Rajasthan 	100	50	50	Shri A.K. Ganju, CE (YBO), CWC, Kalindi Bhavan, B-5, Tara Crescent Road, Qutab Institutional Area, New Delhi, Pin-110016 Tel: 011-26526865

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23	Dr. K.P.R. Vittal Director Indian Council of Agricultural Research Central Arid Zone Research Institute, Jodhpur, Rajasthan	<ul style="list-style-type: none"> • Management of land irrigated with sodic water • Improved cultivation for ber and other horticultural crops • Farming systems and diversified agriculture • Pressurized irrigation • Cropping system for rainfed and irrigated farming • Development of crop varieties • Multi nutrient feed block • Complete feed block • Multiple nutrient mixture • Urea treatment of straw • Kulfi making from goat • Paneer and whey from goat milk • Rodenticidal bait for rodent • 	100	50	50	-do-
24	Director, Sugarcane Breeding Institute, Coimbatore, Tamil Nadu. Pin – 641007	<ul style="list-style-type: none"> • Pit method/ paired row planting of sugarcane with drip fertigation • Integrated nutrient management • Bio fertilizer application • Drought management • Trash mulching • Insitu trash composting • Vermicompost 	50	50	25	CE(C&SRO), CWC, Sangamam, Gandhinagar, Peelamedu P.O., Coimbatore, Tamil Nadu, Pin-641004 Tel:

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25	Dr. S. Mahendran, Chief Scientist, Water Management Scheme, Deptt of Agronomy, Agricultural college and Research Institute, Tamil Nadu Agricultural University, Madurai, Tamil Nadu, Pin-625104 profmahe@gmail.com , sm@tnau.ac.in	<ul style="list-style-type: none"> • PIT method of Sugarcane cultivation under drip fertigation system • Paired row method of Sugarcane cultivation • Mini portable sprinkler irrigation system for the postal sandy soils 	70	50	35	-do-
26	Dean (Engg.), Agricultural College & Research Institute, Tamil Nadu Agricultural University, Coimbatore, Tamil Nadu, Pin- 641003	<ul style="list-style-type: none"> • SRI Technology • Precision farming technology for irrigated crops • Precision farming with integration of various dry land technology • Improved surface irrigation methods 	50	50	25	-do-
27	Shri A. Gurunathan, DHAN Foundation, 18 Pillaiyar Koil Street, SS Colony, Madurai, Tamil Nadu, Pin –625016 dhan@md3.vsnl.net.in , Dhantank@airtelbroadband.in	<ul style="list-style-type: none"> • Micro Irrigation in rainfed minor irrigation tanks • Nutrient enhanced tank silt in rainfed lands along with soil moisture retainers • Land reclamation • Rain gun with wells for conjunctive water use • Fish rearing in farm ponds with crop cultivation 	98	36.73	36	CE(C&SRO), CWC, Sangamam, Gandhinagar, Peelamedu P.O., Coimbatore, Tamil Nadu, Pin-641004

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28	Indian Institute of Vegetable Research, Varanasi, UP	<ul style="list-style-type: none"> • Promotion of direct seeding of rice and zero tillage in wheat • Technologies for regular incorporation of organic waste through FYM, NADEP, vermin compost, will be promoted • Along with IPM & IPNM and IWM techniques will be promoted • green manuring and legumes as inter and cover crops whenever and wherever possible 	100	25	25	Shri A.K. Ganju, CE(UGBO), CWC, Jahnavi ssadan, 21/496, Indira Nagar, Lucknow, U.P., Pin-226016 Tel: 0522-2715832 & 2715834
29	Dr. RL Yadav, Director, Indian Institute of Sugarcane Research, Rae Bareli Road, Post Dilkusha, Lucknow, Pin-226002 iisrlko@sancharnet.in	<ul style="list-style-type: none"> • Ring pit planting technique • Skip furrow method of irrigation • Drip irrigation • Trash mulching • Irrigation at critical growth stages 	100	50	50	-do-

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30	Dr. V.N. Sharda, Director, Central Soil and Water Conservation Research & Training Institute, 218, Kaulagarh Road, Dehradun, Uttarakhand Pin 248195 vnsharda@stpd.soft.net Director@cswcrtiddn.org	Rainfed situation <ul style="list-style-type: none"> • Intercropping of cowpea with maize for increasing water use efficiency & reducing runoff and soil loss • Crop diversification by introducing short duration cash crop. • Intercropping of sun hemp with maize for live mulching for better moisture conservation enhanced fertility & production • INM and improved agro/ crop production techniques • Insitu moisture conservation measures • Drip & Sprinkler irrigation • Introduction of tea clones • Conservation Bench terracing and conservation tillage • economic utilization of terrace riser • Drought tolerant crop varieties Irrigated situations <ul style="list-style-type: none"> • Introduction of new crop sequences for improving efficiency of available water including cash crops 	100	50	50	-do-
31	Prof. M.K. Majumder Vice-Chancellor Uttar Banga Krishi Viswavidyalaya Pundibari, Cooch Behar, West Bengal – 736165.	<ul style="list-style-type: none"> • Multi tier green house irrigation through small terrace ponds & improvised drip • Organic mulch management • Conservation tillage • zero tillage of rabi cultivation 	100	50	50	Shri S. Mahato, CE(TBO), CWC, Sevoke Road, 2 nd Mile, Siliguri, West Bengal, Pin- 734401 Tel: 0353-2540262 & 2543230
Total			2601		1257.50	