

समृद्धि

इसलगावेवीही



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Director's Message

Agricultural Reforms in India are changes made to the agricultural sector of the Indian Economy. These reforms are implemented over years in an attempt to improve production, productivity, resource conservation for sustainability and market access.

KVKs play an important role in addressing the food production challenges through technical interventions and innovation in their approaches. In addition, it is also important to take into account the social and environmental concern.

Climate change poses a serious threat in the form of biotic and abiotic stress resulting in prevalence of pests and diseases contributing to yield reduction and inferior quality of produces. All 48 KVKs in the Zone are implementing programmes on climate resilient agriculture. This helps the farmers to prepare themselves in terms of location specific technological option available for combating the challenge of climate change on their enterprises. Annual review cum Action plan of KVKs in the Zone was organized during 23-24 may, 2024 at Wayanad where in Hon'ble DDG (AE), U S Gautham Participated as Chief Guest.

KVKs are also empowering the farmers with other allied enterprises including value addition through post harvesting technologies and creating value chain by organizing the farmers into FPOs, SHG and agripreneurship. The common brand "Kisan Samridhi" will help the KVKs to showcase their technological products under one trademark through the online marketing channel in addition to the direct point of sale established in each KVK. This issue of newsletter showcases the achievements related to PM Kisan Samman Nidhi programme, Visit of Hon'ble Secretary DARE and DG, ICAR to Lakshadweep, Annual Review and Action plan meetings and KVKs Golden Jubilee Celebration.

(V. VENKATASUBRAMANIAN)

PM Kisan Samman Nidhi Programme

Hon'ble Prime Minister, Shri Narendra Modi released about Rs 20,000 crores as 17th installment under PM Kisan Samman Nidhi and distributed certificates to over 30,000 self-help groups known as Krishi Sakhis online from Varanasi on 18.06.2024. Hon'ble Governor of Uttar Pradesh Smt. Anandiben Patel, Hon'ble Chief Minister of Uttar Pradesh Shri Yogi Adityanath, Hon'ble Union Agriculture Minister Shri Shivraj Singh Chouhan and several other State Ministers were present on the occasion. A total of 4678 participants viewed live telecast programme at their respective KVKs of Kerala, Karnataka and Lakshadweep. Shri. H. D. Kumaraswamy, Hon'ble Minister of Heavy Industries and Public Enterprises of India participated and addressed in the event at KVK Dharwad on the occasion. Also, Shri. George Kurian, Hon'ble Minister of State for Fisheries, Animal Husbandry and Dairying and Minority Affairs participated and addressed in the event at KVK Kottayam.



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PM Kisan Samman Nidhi Programme (continued from page 1)

Hon'ble Prime Minister greeted the farmers present at the venue and linked with the event in virtual mode and mentioned that 20,000 crore rupees got deposited in the accounts of the crores of farmers. He also talked about Krishi Sakhi initiative as a strong step in the direction of creating three crore 'Lakhpati Didis'. The initiative will ensure the dignity and assurance of source of income for the beneficiary women, Hon'ble Prime Minister said. "PM Kisan Samman Nidhi has emerged as the world's largest direct benefit transfer scheme", Hon'ble Prime Minister said, highlighting that more than Rs 3.25 lakh crores have been transferred into the bank accounts of crores of farmers. Hon'ble Prime Minister lauded the use of technology in taking

the benefits to the deserved beneficiaries and also credited the Viksit Bharat Sankalp Yatra which enabled more than one crore farmers to register themselves under PM KISAN scheme. He further added that rules and regulations have been simplified to increase accessibility. "Work related to farmer's welfare takes place at a fast pace when intentions and beliefs are in the right place", Hon'ble PM added. Hon'ble Prime Minister highlighted that the Krishi Sakhi program is a step in this direction similar to the Drone Didi program. Underlining the contribution of women as Asha workers and Bank Sakhis, Hon'ble Prime Minister said that the nation will now witness their capabilities as Krishi Sakhis.

In his address during the program, Hon'ble Union Minister for Agriculture and Farmers Welfare and Rural Development Shri Shivraj Singh Chouhan said that agriculture is the backbone of the Indian economy and the farmer is its soul. He said that for us farmer is God and serving the farmers is like worshipping God. Hon'ble Shri Shivraj Singh Chouhan said that it is the Prime Minister's commitment towards farmers and farming that after becoming the Prime Minister for third term, he first signed the file for Kisan Samman Nidhi i.e. depositing money in the farmer's account and today he came here and conducted his first program among the farmers.



Hon'ble Union Minister said that today after depositing Rs 20,000 crore in the accounts of about 9.25 crore farmers with a single click by the Prime Minister, a total of about Rs 3,25,000 crore has been deposited in the accounts of farmers so far. Hon'ble Shri Chouhan said that continuous work has been done on the roadmap to double the income of farmers. For this, on one hand, efforts are being made to increase production by using new technology through irrigation schemes, while on the other hand, to reduce the cost of production, the government gives subsidy of billions of rupees, due to which the farmer gets cheap fertilizers.

like Kisan Credit Card has freed the farmer from the clutches of money lenders and small farmers are buying fertilizers and seeds from Kisan Samman Nidhi. He said that as per the decision taken by Prime Minister Shri Narendra Modi, Minimum Support Price is fixed by giving at least 50 percent profit on the cost of the crop to get better prices for the crops to the farmers in all the states. Hon'ble Shri Chouhan said that if the crop is damaged in a natural disaster, then the Pradhan Mantri Fasal Bima Yojana has been made to compensate for it, while continuous efforts are being made for diversification of agriculture such as - promotion of flower farming, fruit farming, vegetable farming, medicinal farming, agro forestry, animal husbandry along with agriculture, beekeeping etc. so that the income of the farmer is doubled.

Hon'ble Union Minister of Agriculture and Farmers Welfare and Rural Development said that a wonderful scheme



KVK Dharwad



KVK Kottayam



KVK Dharwad

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PM Kisan Samman Nidhi Programme (continued from page 2)

Hon'ble Shri Shivraj Singh Chouhan said that the Agriculture Department will work day and night and will leave no stone unturned in the welfare of farmers under the leadership of Prime Minister Shri Narendra Modi. Shri Chouhan said that the Prime Minister has resolved to make three crore Lakhpati Didis, out of which about one crore Lakhpati Didis have already been made. One dimension of that is Krishi Sakhi, to whom certificates were also distributed today. He said that these are our sisters who have been trained to help farmers in their work and 34,000 such sisters have been trained so far. Hon'ble Union Minister said that on one hand these Krishi Sakhis will help farmers in better farming methods and on the other hand, they will also be able to increase their income.



KVK Dakshina Kannada



KVK Gadag



KVK Kannur



KVK Kollam



KVK Chikkaballapura



KVK Kalaburgi I

ICAR-KVK, Dakshina Kannada nominated farmer Shri Satyanarayana Beleri receives 'Padma Shri' award

Shri. Satyanarayana Beleri is a farmer- turned- paddy varieties conservator of Nettanige a small, quaint hamlet located in the district of Kasargod, the Northern most part of Kerala bordering Karnataka was conferred with the prestigious civilian award 'Padma Shri'. The President of India, Smt. Droupadi Murmu presented 'Padma Shri' award to Shri. Satyanarayana Beleri on 09 May 2024 in the presence of Hon'ble Prime Minister.

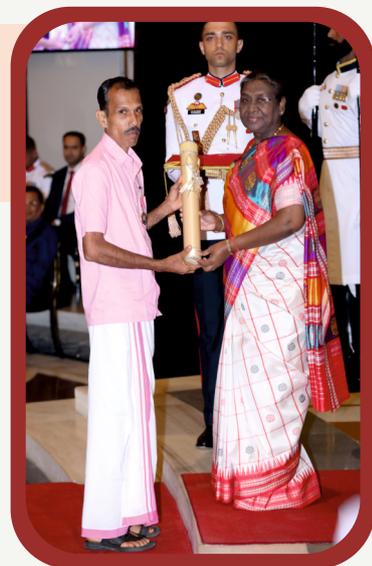
He is the eldest son of Late Kunjirama Maniyani from whom he has inherited four acres of land along with his two younger brothers. He is now preserving more than 650 traditional paddy cultivars mainly traditional land races mainly of Karnataka and Kerala states. Besides this, he also grows rubber as the main crop along with areca nut and spices as intercrops.

Conservation of paddy germplasm is a cumbersome process requiring much investment of space, time, labour and energy. The land owned by Sathyannarayana with its highly undulating terrain and red lateritic soils is unsuitable for paddy cultivation. However, these constraints did not hamper his conservation efforts, rather it led him to innovate. He started growing paddy in polybags. Different varieties are harvested, sun-dried and then stored in paper bags. By following this method, he has conserved as many as 650 land races in an area of 200 square metres. Besides conserving he also has shared these germplasms with important research institutions, State Agricultural Universities of South India and farmers that too free of cost. His invaluable collections include some of the oldest varieties of Kerala grown during pre-independent era such as Aryan, Chitteni, Kayama, Parambuvattan, Thekkencheera; important varieties with medicinal properties such as Navara, Rakthasali, Karigajavali, Chakayoporiyatt and so on. Along with traditional varieties of paddy, he is also conserving important traditional varieties of areca nut, nutmeg, black pepper and jack. Further, he is an apiarist and has the skill in grafting/budding of plants.

Satyanarayana has shared the germplasm of ten rice varieties with Regional Agricultural Research station, Pattambi (Kerala Agricultural University). He has given sample seeds of 130 landraces to Organic Farming Research Station, Mysuru, University of Agricultural Sciences, Bangalore; 20 land races to ICAR- Krishi Vigyan Kendra, Dakshina Kannada, Manguluru functioning under the Karnataka Veterinary, Animal and Fisheries Sciences University, Bidar. He has also shared rice varieties with Non-Governmental Organizations and farmers.

Sathyannarayana with single-minded devotion is trying to preserve this seed heritage, that too without any monetary returns or rewards. Now with this background at this most opportune juncture, ICAR-Krishi Vigyan Kendra, Dakshina Kannada is proud to nominated Shri. Sathyannarayana Beleri for Padma shri award.

Sathyannarayana is maintaining germplasm of 650 varieties of rice which include about 196 traditional varieties from Karnataka, 127 land races of Kerala, 45 land races from West Bengal, 7 traditional varieties of Tamil Nadu, 9 varieties from Maharashtra, 6 from Assam, 5 from Manipur, 4 from Gujarat, 3 from Jharkahand, 2 from Andhra Pradesh, Thailand, Odisha and Uttar Pradesh respectively and one each from, Chattisgarh, Delhi, Madhya Pradesh and Malaysia respectively. He is also conserving around 150 arecanut varieties, 7 varieties of Jack, 5 nutmeg varieties, 4 Black pepper varieties, 4 Indian Yams, 4 Cassava varieties, medicinal plants and millets.



Secretary DARE and DG, ICAR visits ICAR-KVK, Lakshadweep



Dr. Himanshu Pathak, Secretary, DARE and DG, ICAR visited KVK Lakshadweep on 22.04.2024.

KVK Lakshadweep organised the Pre Action Plan cum Farmers-Scientists Interaction Meeting in the august presence of Dr. Himanshu Pathak and Dr. Uttam K Sarkar, Director, National Bureau for Fish Genetics Resources, Lucknow. Dr. P.N. Ananth, Senior Scientist and Head, KVK Lakshadweep made a detailed presentation on the activities of KVK. Dr K. Mohammed koya, Senior Scientist, ICAR-CMFRI presented the projects and programmes of the ICAR-CMFRI in Lakshadweep. The farmers and the entrepreneurs attending the meeting were given opportunity to raise the needs and expectations



During interactions, Dr. Himanshu Pathak emphasized that the technological interventions in pristine territories like Lakshadweep should be friendly with its fragile environment and should be fostering its natural beauty. He instructed the KVK to attend to the specific needs of the stakeholders raised during the discussion, especially the capacity building requirements. He also urged all the ICAR institutes working in the island to support the KVK for outreaching of technologies. Further, he reviewed the research and development interventions undertaken in agriculture and allied sectors by KVK and ICAR-CMFRI. He appreciated KVK for undertaken various technological interventions in different Islands of Lakshadweep amidst several constraints of logistics and manpower. He lauded the efforts of ICAR-CMFRI towards the fisheries development, especially its efforts to foster the climate resilient livelihood avenues like seaweed and marine ornamental fish farming. The need for strengthening the KVK-Lakshadweep was signalled by Secretary, DARE and DG, ICAR.

Annual review cum action plan meetings of KVKs under Zone -XI

The annual review cum action plan meeting of 48 KVKs of Zone-XI comprising Karnataka, Kerala and Lakshadweep was conducted in three phases. During the meetings, the progress of KVKs for the year 2023 were reviewed, and action plans for the period 2024-25 were discussed and finalized. Presentation of individual KVK was reviewed by the experts from respective Agricultural Universities, ICAR Institutes and ICAR - ATARI, Bengaluru. Details are given below:

Phase-I: Three-days action plan cum review meeting of 16 KVKs under the jurisdiction of Directorate of Extension, UAS, Dharwad, UAS, Raichur and UHS Bagalkot viz., Bagalkote, Belagavi-I, Belagavi-II, Davanagere, Gadag, Uttara Kannada, Vijayapura-I, Vijayapura-II, Kolar, Ballari, Bidar, Kalaburagi-I, Kalaburagi-II, Koppal, Raichur and Yadgir was organized at UAS Raichur during April 15-17, 2024.

The meeting was inaugurated in the presence of Hon'ble Vice Chancellor Dr. M. Hanumanthappa, Dr. S. Prabhu Kumar, Former Director, ICAR-ATARI, Bengaluru, Dr. S.S. Angadi, Director of Extension, UAS, Dharwad & Dr. Laxminarayan Hegde, Director of Extension, UHS, Bagalkot and Dr. M. Veerangouda, Registrar, UAS, Raichur.



Dr. S.B. Goudappa, Director of Extension, UAS, Raichur, in his introductory remarks highlighted the emerging and challenging roles of KVKs in the changing agriculture scenario in the country. He further appealed all KVKs to work hard with strong commitment towards discharging their responsibilities in convergence mode with different stakeholders in the region. Dr. S.B. Goudappa, Director of Extension, UAS, Raichur, Dr. D.V.S. Reddy, Principal Scientist and Dr. D. V. Kolekar, Scientist, ICAR-ATARI coordinated the meeting

Phase-II: Three-days action plan cum review meeting of 17 KVKs under the jurisdiction of Directorate of Extension, UAS, Bengaluru, UAS Dharwad and UAHS, Shivamogga viz., Bengaluru Rural, Chamarajanagara, Chikkaballapura, Dharwad, Haveri, Hassan, Mandya, Mysuru, Ramanagara, Tumakuru-I, Tumakuru-II, Chikkamagaluru, Chitradurga, Dakshina Kannada, Kodagu, Shivamogga and Udupi was organized at KVK Kodagu during 17 to 19, April 2024.

Mr. Bose Mandanna, Progressive Coffee Planter graced the occasion as the Chief Guest. He mentioned that due to changing climatic conditions, farmers were experimenting with new crops. Availability of seeds and planting material of new crops needs to be the top



priority to meet the farmers demands. He desired that the KVKs would promote cultivation of more varieties of each crop to ensure sustainability under varied biotic and abiotic stress. Farmer-friendly mechanization need to be introduced to overcome labour scarcity.

Dr. Dushyanth Kumar, Director of Research, UAHS, Shivamogga and Dr. Madhuprasad, Director of Extension, UAS, Bengaluru were the guests of honour. Mr. Prabhakar, Head (I/C), KVK Kodagu, Dr. M. J. Chandre Gowda, Principal Scientist, ICAR-ATARI coordinated the event.



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Annual review cum action plan meetings of KVKs under Zone -XI (continued from page 6)



Phase-III: Three-days action plan cum review meeting of 15 KVKs of Kerala and Lakshadweep viz., Alappuzha, Ernakulam, Idukki, Kannur, Kasaragod, Kollam, Kottayam, Kozhikode, Malappuram, Palakkad, Pathanamthitta, Thiruvananthapuram, Thrissur, Wayanad and Lakshadweep was organized at KAU, Thrissur during 13-15 May 2024.

The meeting was inaugurated by Dr. B. Ashok IAS, Hon. Vice Chancellor, KAU and presided by Dr. Jacob John, Director of Extension, KAU. The event also featured the release of publications of ICAR ATARI Bengaluru and a video produced by Directorate of Extension.



Dr. V. Venkatasubramanian, Director of ICAR ATARI-Zone XI, Bengaluru gave the keynote address and Dr. Prabhukumar S., Former Zonal Project Director, Ludhiana, delivered the special address. Dr. Sreevalsan J Menon, Associate Director of Extension and Dr. Mary Regina F., Professor and Head, ICAR KVK Thrissur spoke on the occasion. Dr. Jacob John, Director of Extension, KAU, Dr. D.V.S. Reddy, Dr. B.T. Rayudu and Dr. Thimmappa K., Principal Scientists of ICAR-ATARI coordinated the meeting



Golden Jubilee Celebration



KVK Kollam



KVK Kollam



KVK Thrissur



KVK Thrissur



KVK Kannur



KVK Kannur



KVK Kannur



KVK Idukki

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Golden Jubilee Celebration (continued from page 8)



KVK Malappuram



KVK Malappuram



KVK Pathanamthitta



KVK Pathanamthitta



KVK Trivandrum



KVK Trivandrum



KVK Kottayam



KVK Kottayam

Tree Plantation Drive across KVKs of ATARI, Bengaluru

The 50000+ Tree Plantation Drive initiated on World Environment Day across KVKs of ATARI, Bengaluru as part of Golden Jubilee Celebrations of KVKs. World Environment Day is celebrated across KVKs of Karnataka, Kerala and Lakshadweep Islands on 5th June 2024 with a theme on “land restoration, desertification and drought resilience”.

In order to end the drivers of land degradation, drought and desertification, such as climate change a massive “50000+ tree saplings planting campaign” has been initiated across KVKs of Karnataka, Kerala and Lakshadweep Islands under ATARI Bengaluru in three phases.



KVK Belagavi II



KVK Kolar



KVK Trivandrum



Latitude: 11.75969
Longitude: 76.661593
Elevation: 828.21±10 m
Accuracy: 59 m
GPS Time: 05 June 2024 10:48:22 am
Time zone: GMT+0530
Note: world environment day 2024

KVK Chamarajanagara



KVK Belagavi I



KVK Hassan



KVK Kozhikode

Dr. S. N. Sushil, Director, ICAR-NBAIR, Bengaluru was the chief guest on the occasion and planted a tree sapling in the ICAR-ATARI campus to mark the initiation of “50000+ tree planting campaign” in the presence of Dr V. Venkatasubramanian, Director, ICAR-ATARI, Bengaluru and staff of ATARI, Bengaluru. Subsequently all the KVKs of ATARI Bengaluru planted 8000+ tree plantings during the campaign



In Ist phase, on the occasion of World Environment Day, planted 8000+ tree saplings simultaneously across all 48 KVKs in the states of Karnataka, Kerala and Lakshadweep.

In IInd phase on July 16th coinciding ICAR foundation, it is planned to plant 21000+ tree saplings and phase IIIrd coinciding 15th August 2024, another 21000+ tree saplings planting is envisaged.

Dr. U. S. Gautam, DDG (AE) inaugurated NICRA Annual Review Cum Action Plan Workshop and Honoured Padmashri Awardee farmer



The NICRA Annual Review 2023-24 Cum Action Plan Workshop 2024-25 under ICAR-ATARI, Zone-XI was organized in collaboration with CRIDA, Hyderabad and Kerala Agricultural University, Thrissur during 23-24 May, 2024 at ICAR-KVK Wayanad.



The workshop was chaired by Dr. Vinod Kumar Singh, Director, ICAR-CRIDA, Hyderabad and co-chaired by Dr.V.Venkatasubramanian, Director, ICAR-ATARI, Bengaluru. Dr.U.S. Gautam, Deputy Director General (Ag. Extn.), ICAR, New Delhi attended workshop as chief guest. The workshop was attended by Dr. Jacob John, DE, KAU, Kerala, Dr G. Pratibha, Coordinator-NICRA TDC, ICAR-CRIDA, Hyderabad, Dr.Venkatesh, Principal scientist, ICAR-CRIDA, Hyderabad, Dr. D.V. Srinivasa Reddy, Principal Scientist and NICRA Nodal Officer of ICAR-ATARI Bengaluru, PIs and Co-PIs of NICRA project of 14 NICRA-KVKs, besides Heads or SMSs of 34 Non-NICRA KVKs of the Zone. Dr. D.V. Srinivasa Reddy, Principal Scientist and nodal officer of NICRA, ATARI, Bengaluru, briefed about the NICRA workshop.

Dr. V. K. Singh, Director, ICAR-CRIDA briefed about various initiatives undertaken in the country as part of National Innovations in Climate Resilient Agriculture (NICRA) and efforts made to disseminate promising technologies among the farming community. Dr. V. Venkatasubramanian, Director, ICAR-ATARI, Bengaluru indicated that the settled issues are becoming unsettled due to climate change in farming. The selection of climate resilient technology for different climate variability condition is foremost important aspect in the NICRA implementation



Dr. U.S. Gautam, Deputy Director General (Ag. Extn), ICAR, the Chief Guest of the workshop, emphasized the need for ICAR-KVKs to comprehend climate change phenomena, develop action plans with relevant technological interventions, and quantify their impact on farming communities. He further added that this would help to create climate resilience by combating erratic rainfall patterns and biotic and abiotic stress. He also gave a brief overview of carbon Credit programs to save natural resources and guided KVKs about the future strategy.

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Dr. U. S. Gautam, DDG (AE) inaugurated NICRA Annual Review Cum Action Plan Workshop and Honoured Padmashri Awardee farmer (Continued from page 11)

All 14 NICRA-KVKs of Zone-XI presented their progress report (2023-24) and Action Plan (2024-25) during the technical session on 23-05-2024 and other non-NICRA KVKs of zone presented the Action Plan for 2024-25 during the technical session on 24-05-2024.



The panellists thoroughly assessed the KVKs' achievements as well as their annual action plan and provided necessary suggestion to the NICRA- KVKs for the Project implementation in 2024-25.



Dr. U.S. Gautam, Deputy Director General (Ag. Extn), ICAR, visited Natural Farming field of Shri Cheruvayal Raman, Padmashri awardee farmer and honoured him for conserving the extinct paddy varieties through natural farming practices. Also, DDG (AE) visited KVK Wayanad, farm, demo units, farmers field and interacted with farmers. Dr. V. Venkatasubramanian, Director, ICAR-ATARI Bengaluru accompanied DDG (AE) during the visit.



हर कदम, हर डगर
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भारतीय कृषि अनुसंधान परिषद

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