Hon’ble Union Minister of State (A&FW) interacted with farmers of NICRA village at Alappuzha district, Kerala

Shri Sudarshan Bhagat Hon’ble Union Minister of State for Agriculture and Farmers Welfare interacted with the farmers of Muttar village on 04 May, 2017 where ICAR project entitled ‘National Innovations in Climate Resilient Agriculture’ (NICRA) is being implemented. Hon’ble Minister spoke about the farmer friendly development programmes like PMFBY, PKSY, Soil Health Card Programme, PKVY etc and called up on farmers to make use of them. He emphasized the need for doubling farmers’ income by 2022 and said that this could be achieved only through the Integrated Farming System (IFS) approach where farming is integrated with dairy, fishery, poultry, duck and other enterprises. He appreciated the efforts of ICAR-KVK-Alappuzha in successfully implementing the NICRA project and the partner farmers for their co-operation.

He released two publications prepared based on the project. Dr. Sreenath Dixit, Director, ATARI, Bengaluru, gave details of the programmes implemented by the KVK as part of the NICRA project in Muttar village of Kuttanad.

About 150 farmers of NICRA villages attended the programme. They shared their experiences under NICRA with the Hon’ble Union minister and requested for continuation of the project. Shri. P.A. Thomas, secretary of paddy farmers’ group, Shri. Mathukutty Eapen, President Muttar Grama Panchayath, and Dr. P. Muralidharan, Head, ICAR-KVK-Alappuzha spoke on the occasion. Dr. V. Krishnakumar, Head, ICAR-CPCRI, Regional Station, Shri. Sreekumara Panicker, Agricultural Officer, and Grama panchayath members besides other leaders were present.
Annual Review Workshop of KVKs

A annual Review Workshop of KVKs of ICAR-ATARI, Bengaluru was organized in collaboration with ICAR-CCARI, Goa and ICAR-KVK, North Goa during 04-06 May, 2017. KVKs of Karnataka, Tamil Nadu, Kerala, Goa, Puducherry and Lakshadweep participated in the Workshop.

D uring the workshop, the heads of KVKs presented Annual Progress of their respective KVKs for the year 2016-17 which was reviewed by the Directors of Extension from UASs, Raichur, Dharwad and Bengaluru; UHS, Bagalkote; UAHS, Shivamogga; TNAU, Coimbatore; TANUAS, Chennai; KAU, Thrissur and Experts from ICAR Institutes.

R eview Workshop of KVKs under Agricultural Technology Application Research Institute (ATARI), Bengaluru was inaugurated by Shri Vijay Sardesai, Hon. Minister of Agriculture, Govt. of Goa, on 04 May, 2017. He stressed on doubling the income of farmers by 2022 and planning the strategies for the same. Dr. E. B. Chakurkar, Director, ICAR- Central Coastal Agricultural Research Institute, Old Goa in his welcome address briefed the activities of Institute and KVK. Dr. M. J. Chandre Gowda, Principal Scientist, ATARI, Bengaluru, in his opening remarks highlighted the role of KVKs in transferring the modern technologies in effective manner. Dr. Lakhan Singh, Director, ATARI, Pune, Spoke on extension methodologies and their importance in the transfer of new agriculture technologies. Mr. H. R. C. Prabhu, Programme Coordinator Incharge, KVK, North Goa Proposed vote of thanks and Dr. Gopal Mahajan, Soil Scientist compered the programme.

D uring the plenary session, Dr. Ashok Kumar Singh, Deputy Director General (Agriculture Extension), ICAR, New Delhi, highlighted the need for ‘Doubling Farmers Income by 2022’. He emphasized on integration of income augmenting technologies in different farming situations, crop diversification, linking farmers with the markets, exploring options for value addition to agricultural produce and encouraging participation of youth in agriculture on convergence mode. He briefed about four national priorities viz., doubling farmer’s income, distribution of soil health card, market for produce and skill development in agriculture. Further, he appreciated the good work of KVKs at grassroots despite facing several constraints. He gave away certificates of appreciation to KVKs who made Best presentations.
This KVK is actively involved in providing proven and need based technologies to the farmers, extension personnel and other stakeholders. Most successful interventions promoted by the KVK are listed below:

- Cluster OFTs on wilt resistant bengalgram and FLDs on wilt resistant pigeonpea through NFSM
- Integrated nutrient and pest management in horticultural crops
- Designed mango harvester
- Nutrition gardens in schools and kitchen waste management in peri urban areas
- Production of value added products through EDP approach
- Attracting and Retaining Youth in Agriculture through production and processing and marketing activities of Nutri-millets, Jack and Mushroom
- Extension activities like exhibitions, field days, soil and plant health advisories
- Procurement of Biofuel species seeds from farmers and production of organic manures and biofuel

**KVK Bengaluru Rural of UAS (B) bagged the Zonal Best KVK Award 2012 and the National Best KVK Award 2014**

**Demo Units in KVK instructional farm**
- Perennial horticulture
- Model horticulture nursery
- Dairy
- Apiary
- Sheep cum poultry
- Piggery
- Azolla
- Silage
- Vermicompost
- Biogas
- Millet processing
- Farm pond & fish culture
- Drum compost
- Bioenergy

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Shri C. Sowndhararasan got the award for continuous adoption of climate resilient technologies on his farm and effectively integrating of dairy, goat and poultry enterprise with crop husbandry.

The ICAR-ATARI, Zone XI, Bengaluru celebrated ‘International Yoga Day’ on 21 June, 2017. Dr. Sreenath Dixit, Director briefed on the importance of yoga and informed about the common protocols to be followed while performing yoga. He also said that regular yoga practice would help human being to coordinate and concentrate the activities related to body, breath and mind. Yoga, Asan, and Pranayam as per Common Yoga Protocol were demonstrated and explained to the staff. He demonstrated the techniques of breathing for the relaxation of the mind and body. The celebration ended with the pledge to do yoga regularly to live healthy life and contribute more in the progress of the nation.

The ICAR-ATARI, Bengaluru organised one day workshop of Cluster FLD KVKs in the Zone XI at Mangala Raithabhawan, UAS (B), Hebbal Campus, Bengaluru on 16 June, 2017. A total of 27 Cluster FLD KVKs of Karnataka and 6 Cluster FLD KVKs of Kerala participated in the workshop. Dr. M.S. Nataraju, Director of Extension, UAS (B), Bengaluru inaugurated the workshop. KVK wise work plan for implementing Cluster FLDs under NFSM as well as NMOOP for kharif, rabi and summer seasons of 2017 was discussed and finalized.
**Vehicles Purchased through GeM**

The ICAR-ATARI, Zone XI, Bengaluru facilitated replacement of 43 four wheel vehicles by the KVKs of the Zone through GeM (Government e-Market). It is perhaps the only ICAR-Institute to effect the purchase of such a large number of vehicles during one calendar year.

**Zone VIII Redesignated as Zone XI**

In pursuance of ICAR Office Memorandum File No.A.Extn./10-21/2016/AE-II dated 19 May, 2017, ICAR-ATARI, Zone VIII will henceforth be designated as Zone XI. Accordingly KVKs of Tamil Nadu and Puducherry were transferred to ICAR-ATARI, Zone X, Hyderabad (earlier Zone V) and KVKs of Goa to ICAR-ATARI, Zone VIII, Pune (newly created). The ICAR-ATARI, Zone XI, Bengaluru will now be responsible for KVKs of Karnataka, Kerala and Lakshadweep.

**Book Published**

This book will help professionals, teachers, and students to understand and apply the latest methods of meta-analysis. The main features of the book are listed below:

- Describes the importance and historical development of meta-analysis
- Explains fundamental and advanced meta-analytical methods
- Visualizes meta-analytical methods with real-time examples
- Illustrates software for meta-analysis

Please contact info@appleacademicpress.com for details.

Dr. Mallikarjun B. Hanji, Chief Technical Officer, ICAR-ATARI, Bengaluru published a Book entitled “Meta-Analysis in Psychiatry Research - Fundamental and Advanced Methods” with Apple Academic Press, USA.

ICAR-ATARI, Bengaluru
The quarter under report was dotted with review meetings and visits to the KVKs besides several activities such as workshops and meetings. A prominent event during the quarter was the visit of Shri Sudarshan Bhagat, Hon’ble Union Minister of State for Agriculture to Muttar, Alappuzha District. Over 150 farmers accompanied by peoples’ representatives attended the event. All the KVKs of undivided Zone VIII viz., Karnataka, Kerala, Tamil Nadu, Goa and Pondicherry participated in the Annual Review Workshop for one last time at ICAR-CCARI, Goa. The workshop was inaugurated by Shri Vijay Sardesai, Hon’ble Minister of Agriculture, Government of Goa. Dr.A.K.Singh, Deputy Director General (Agricultural Extension) participated in the Plenary Session to enthuse the participants. I travelled to Port Blair to attend the Research Advisory Committee Meeting of ICAR CIARI and utilised the opportunity to visit KVK Port Blair. The crucial meeting of EFC was held under the Chairmanship of Deputy Director General (Agricultural Extension) in New Delhi to strengthen the KVKs and to develop new KVKs in the Zone. A review of the Cluster Demonstration of Pulses under NFSM was held by Agricultural Commissioner, Government of India who appreciated the efforts of the KVKs of the Zone. Also attended the SAC meetings of KVK Bagalkot, Uttara Kannada and Dharwad besides visiting farmers fields during the period. A National Workshop was held in Delhi on Tribal Agriculture during the first week of June in which over 100 Tribal KVKs participated and showcased different tribal products. Also attended a Joint Review Meeting of IFAD Grant Portfolio Projects in India which gave insights into new collaborations and partnerships.