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इकलगेवेवो

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Amrit Mahotsav

ICAR-ATARI Bengaluru NEWSLETTER

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Director's Message

The United Nations General Assembly has declared the year 2023 as the International Year of Millets. This was adopted by a United Nations Resolution for which India took the lead and was supported by over 70 nations. This will help to create awareness throughout the world about the importance of millets, its role in sustainable agriculture, and its benefits as a smart and super food. India is poised to become the global hub for millets with a production of more than 170 lakh tonnes and producing more than 80 per cent of the millets produced in Asia. Earliest evidence for these grains have been found in Indus civilization and were one of the first plants domesticated for food. It is grown in about 131 countries and is the traditional food for around 60 crore people in Asia and Africa.

A series of events and initiatives need to be organised by the KVKs to bring awareness about popularisation of millets among the public as well as to carry the health benefits of millets to the doorsteps of general public. This will also help our farmers to harness the economic benefits of millets, the forgotten golden grains, on par with other cash/commercial crops.

The Millet Start-up Innovation Challenge has been launched on 10 September, 2022. This initiative encourages young minds to offer technological/ business solutions to the existing issues in the millets ecosystem. This Innovation Challenge will remain open till 31 January, 2023. KVKs need to utilise such opportunities to promote start-ups and entrepreneurs.

ICAR is in the process of identifying the potential districts to strengthen the millet based farming system through launching of special programmes. It is the right time for all of us to formulate suitable action plan towards millet based technological assessment and demonstrations along with capacity development programmes.

I take this opportunity to extend the season's greetings, Merry Christmas and Blessed Happy New Year 2023. Let us celebrate the year of Millets 2023.

(V. VENKATASUBRAMANIAN)

PM Kisan Samman Sammellan

Hon'ble Prime Minister, Shri Narendra Modi inaugurated PM Kisan Samman Sammellan 2022 at Indian Agricultural Research Institute, New Delhi on 17 October, 2022. KVKs pan India arranged live webcasting of PM's programme. A total of 6423 participants viewed live telecast programme at their respective KVKs of Kerala, Karnataka and Lakshadweep which included the presence of two Central Ministers, five MPs, five State Ministers, 10 MLAs and 5464 farmers. Hon'ble Prime Minister inaugurated 600 Pradhan Mantri Kisan Samruddhi Kendras (PMKSK) under the Ministry of Chemicals & Fertilisers. Furthermore, Hon'ble Prime Minister also launched Pradhan Mantri Bhartiya Jan Urvarak Pariyojana - One Nation One Fertiliser. During the event, Hon'ble Prime Minister also released the 12th instalment amount of Rs. 16000 crore under the Pradhan Mantri Kisan Samman Nidhi (PM-KISAN) through Direct Benefit Transfer and inaugurated the Agri Startup Conclave alongwith Exhibition. During the event, Hon'ble Prime Minister also launched 'Indian Edge', an e-magazine on fertiliser. Hon'ble Prime Minister took a walkthrough of Theme Pavilion of Start-up Exhibition and looked at the products on display.



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भाकृअनुप - कृषि प्रौद्योगिकी अनुप्रयोग अनुसंधान संस्थान

ICAR-Agricultural Technology Application Research Institute

Zone-XI, Hebbal, Bengaluru, Phone: 080-23510616; Email:atari.bengaluru@icar.gov.in

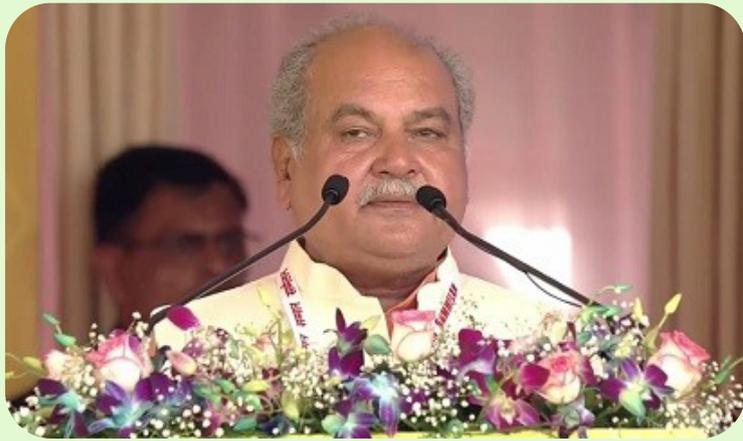
PM Kisan Samman Sammelan

(Continued from Page: 1)

Addressing the gathering, Hon'ble Prime Minister acknowledged the presence of Jai Jawan, Jai Kisan, Jai Vigyan and Jai Anusandhan in one premise. He further elaborated that Kisan Sammelan is a means to make the lives of farmers easier, boost their capability and promote advanced agricultural techniques. He further elaborated that these Pradhan Mantri Sammriddhi Kendras are not merely sales centres for fertilisers but a mechanism for establishing a deep bond with the farmers of the country. Regarding the fresh instalment of the Pradhan Mantri Kisan Samman Nidhi (PM-KISAN), Hon'ble Prime Minister said that money reaches the accounts of farmers directly without involving any middleman. Hon'ble Prime Minister also said that Pradhan Mantri Bhartiya Jan Urvarak Pariyojana - One Nation One Fertiliser is a scheme of ensuring affordable quality fertilisers of Bharat brand to the farmers.



Union Minister of Agriculture and Farmers Welfare, Shri Narendra Singh Tomar, Union Minister of Chemical and Fertilisers, Shri Mansukh Mandaviya, Union Ministers of State for Agriculture and Farmers Welfare, Ms Shobha Karandlaje and Shri Kailash Choudhary and Union Minister of State for Chemical and Fertilisers, Shri Bhagwanth Khuba were present on the occasion. The event brought together more than 13,500 farmers across the country including from states of Karnataka, Kerala and Lakshadweep, and around 1500 Agri Startups. The startups showcased their innovations related to Precision Farming, Post-Harvest & Value Add Solutions, Allied Agriculture, Waste to Wealth, Mechanisation for Small Farmers, Supply Chain Management, and Agri-Logistic among others. The platform would facilitate startups to interact with farmers, FPOs, agri-experts, corporates etc. Startups also shared their experience and interacted with other stakeholders in technical sessions.



KVK, Chikkamagaluru



KVK, Gadag



KVK, Kasaragod



KVK, Bagalkot

Sushri Shobha Karandlaje, Hon'ble Minister of State for Agriculture & Farmers Welfare, Government of India visited KVK Lakshadweep

Sushri Shobha Karandlaje, Hon'ble Minister of State for Agriculture & Farmers Welfare, Government of India visited KVK Lakshadweep on 2 December, 2022 and reviewed the activities carried out in the Lakshadweep Islands. She inaugurated the exhibition organized for showcasing the KVK programmes and income generation activities of KVK Self Help Groups. Hon'ble MoS participated in the farmers interaction meeting organized by ICAR-KVK at Kavaratti Island. During the inaugural speech the Minister stressed on the importance of forming more Farmer Producers Organization (FPO) in promoting the value added products related to coconut and fish. She also emphasized to utilize the schemes of Central government in agriculture and allied areas. The lead farmer beneficiaries of the KVK were honored in the function.



During the interaction meeting with the farmers of the islands, the farmers expressed their happiness on the KVK interventions with respect to neera tapping and coconut sugar production using ICAR-CPCRI technologies, providing ARKA vegetable seeds and planting materials, tissue culture banana suckers, organic certification of Lakshadweep Islands, implementation of National Innovations for

Climate Resilient Agriculture (NICRA) and entrepreneurship development in the Islands. Dr.V.Venkatasubramanian, Director, ICAR-ATARI, Bengaluru was present along with senior officers of UT Administration, Lakshadweep; Director (Agriculture), Secretary (Agriculture), Additional Secretary (Agriculture) and Sr. Scientist & Head, KVK Lakshadweep, during the interaction meeting



Release of KVK Times compiled by KVK-Lakshadweep

Hon'ble MoS for Agriculture and Farmers Welfare Sushri Shobha Karandlaje laid foundation stone for Farmers Hostel at ICAR-KVK, Ballari

Foundation stone for construction of Farmers Hostel at KVK, Ballari was laid down by Hon'ble MoS for Agriculture and Farmers Welfare Sushri Shobha Karandlaje on 14.11.2022. The hostel will be constructed with a total outlay of Rs 105 lakh.

Hon'ble Minister Sushri Shobha Karandlaje inaugurated Seminar on 'Importance of millets and ODOP scheme of Govt. of India in ascertaining nutritional security'. She highlighted initiatives of Govt. of India in doubling farmers income and in nurturing agri start-ups. She also mentioned about increased production of agriculture goods in the country in recent years. Even during COVID pandemic, the agriculture produce were exported. Year 2023 has been declared as 'International Year of Millets', and Hon'ble Prime minister of India is working hard to get global recognition for the millets. Discussions were already held in this regard with the leaders of many countries, she added.

During the programme, Hon'ble Minister for Transport and ST welfare, Govt. of Karnataka, Sri B. Sriramulu, Ballari Lokasabha Member, Sri Y. Devendrappa, Koppala Lokasabha Member Sri Karadi Sanganna and MLA Ballari Urban, Sri G. Somashekara Reddy took part as chief guests. Sri B. Nagendra, MLA, Ballari Rural presided over the function. Dr M. Hanumanthappa, Vice Chancellor of UAS, Raichur, other key officials, Board Members of University and Director, ATARI, Bengaluru Dr. V. Venkatasubramanian graced the occasion. More than 1100 farmers took part in the programme organized by KVK Ballari



An exhibition on recent developments in agriculture was organized during the programme. Use of Drones in agriculture, value addition to fig were showcased. Exhibition of elite bulls of Gir and Murrah attracted the crowd in large numbers.

Hon'ble MoS for Agriculture and Farmers Welfare Sushri Shobha Karandlaje interacted with shareholders of farmers' producer companies established by ICAR-KVK, Davanagere

A Special interaction programme was organised between Hon'ble Union Minister of State for Agriculture and Farmers Welfare, Sushri Shobha Karandlaje and shareholders of farmers' producer companies established by ICAR-KVK, Davanagere on 14.11.2022 at Sirigere, Chitradurga district of Karnataka

The program was held in divine presence of His Holiness Sri Dr. Shivamurthy Shivacharya Mahaswamiji, Sri Taralabalu Bruhanmat, Sirigere and in presence of Sri G. M. Siddeshwara, Member of Parliament, Dr. V. Venkatasubramanian, Director, ICAR- ATARI, Bengaluru, Sri H.R. Basavarajappa, President of Farmers Organisation and Dr Devaraja T.N., Head of the KVK, Davanagere.

Hon'ble Minister Sushri Shobha Karandlaje visited the exhibition where processed and packaged products of the farmers' producer companies were displayed.

Hon'ble Minister appreciated the initiative taken by ICAR – Krishi Vigyan Kendra Davanagere in establishing 17 FPOs in three districts, viz., Davanagere, Chitradurga and Haveri which is first of its kind by any KVK in the country. The shareholders discussed the problems faced by the farmers' producer companies in the initial stages and the progress to be made in the coming years. Hon'ble Minister received the grievances of the companies and assured them of possible help from the government.



Special Postal cover release programme on Jackfruit products by ICAR-KVK, Pathanamthitta



Shri. K. K. Devis, Director of Postal Services, Circle Office Thiruvananthapuram released the special postal cover Jackfruit products by handing over it to Dr. C. P Robert, Senior Scientist and Head, KVK, Pathanamthitta on 15.11.2022 under One District One Product (ODOP) Scheme.

The ODOP scheme is being implemented across the country as part of the PM formalization of Micro Food Processing Enterprises (PM FME) Scheme launched by Ministry of Food Processing Industries under the banner of 'Atmanirbhar Bharat Abhiyan'.

Jackfruit is the ODOP crop of Pathanamthitta district of Kerala. The release is also a recognition for the pioneering efforts made by ICAR- KVK, Pathanamthitta for the transformation of Jackfruit from the most "wasted fruit" to the 'State fruit' of Kerala. The KVK has developed more than 25 commercial jackfruit processing technologies and supported establishment of 17 jackfruit processing entrepreneurs who sell their products in the domestic and international markets..

The special cover release programme was organized in the Pathanamthitta Head Post Office. Rt. Rev Thomas Mar Timotheos Episcopa, Chairman, Krishi Vigyan Kendra, Pathanamthitta inaugurated the ceremony. In his inaugural address, Chairman said that the Processing technologies developed by KVK, Pathanamthitta are providing livelihood options for lots of people and entrepreneurs. He expressed that the release of special cover on Jackfruit products by India Posts will greatly help in spread of the technologies among the rural population. Value addition of jackfruit has greatly enhanced the demand for Jackfruit and the income realized by growers, noted the Director of Postal Services.

विशेष आवरण / Special Cover

Jack Fruit Based Products

पुनर्निर्माण (Rt. Rev. Fr.)

15/11/2022

Pathanamthitta, Kerala

Redefining Jackfruit... ..

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आज़ादी का
अमृत महोत्सव

एक जिला एक उत्पाद : पत्तनमट्टिट्टा : कटहल आधारित उत्पाद

कटहल, 'स्वर्णीय फल' के रूप में भी जाना जाता है, का मूल भारत में है, जिसकी उत्पत्ति भारत के पश्चिमी घाट में हुई और अपने विशिष्ट स्वाद और सुगंध के लिए प्रसिद्ध है। फल और पेड़ का हर एक हिस्सा स्वास्थ्य और आर्थिक मूल्य रखता है। फल और बीज कार्बोहाइड्रेट, प्रोटीन, विटामिन और खनिजों से भरपूर हैं। फल का हल्का स्वाद और मांस जैसी बनावट है और दुनिया भर के विभिन्न पाकशास्त्रा संबंधी प्रश्नों में बड़े पैमाने पर उपयोग किया जाता है। कटहल के पेड़ के बीज, गूदा, पत्ते, छाल, पुष्पवृत्त और आबीर का उपयोग पारंपरिक दवाओं में किया जाता है। कटहल में मूल्यवर्धन की अपार संभावनाएं हैं। पत्तनमट्टिट्टा जिले के लिए भारतीय कृषि अनुसंधान परिषद (आईसीएआर) का एक अग्रणी कृषि विज्ञान केंद्र, भारतीय कृषि अनुसंधान परिषद (आईसीएआर)-कृषि विज्ञान केंद्र (केवीके), सीएआरडी, पत्तनमट्टिट्टा कटहल की शोषण के लिए उल्लेखनीय प्रयास कर रहा है और इस क्षेत्र में 15 से अधिक बाणिज्यिक कटहल आधारित उत्पाद जैसे साबुत आटा, नमकीन टेंडर कटहल, भोजन उत्पाद, निर्बल तले हुए चिप्स, पास्ता, रोटेटेड उत्पाद, फ्रोजन टेंडर बर्गर पैटी, पल्प आधारित उत्पाद, बेकरी उत्पाद, टेंडर सोसाइज आदि विकसित किए हैं। कटहल केरल का राज्य फल है। भारत सरकार की पीएमएफएमई योजना के तत्वावधान में एक जिला एक उत्पाद योजना ने केरल के पत्तनमट्टिट्टा और कासरगोड जिलों में कटहल आधारित उत्पाद को अनुमोदित उत्पादों के रूप में घोषित किया है।

One District One Product : Pathanamthitta: Jackfruit Based Products

Jackfruit also known as the 'Heavenly Fruit' is native to India, originated in the Western Ghats of India and is known for its distinctive taste and aroma. Every part of the fruit and tree has health and economic value. The fruits and seeds are immensely rich in carbohydrates, proteins, vitamins, and minerals. The ripe fruit is mostly relished as such or used to make delectable desserts. The unripe fruit has a mild taste and meat-like texture and largely used in various culinary domains across the globe. The seed, pulp, leaves, bark, inflorescence and latex of Jackfruit tree are also used in traditional medicines. Jackfruit has got the immense potential for value addition. The ICAR-Krishi Vigyan Kendra (KVK), CARD, Pathanamthitta, a pioneer farm science centre of Indian Council of Agricultural Research (ICAR) for Pathanamthitta District is taking remarkable effort for promotion of Jackfruit and developed more than 15 commercial Jackfruit based products such as whole flour, laminated tender Jackfruit, frozen products, vacuum fried chips, pasta, rototated products, frozen tender burger patties, pulp based products, bakery products, tender sausage, etc. Jackfruit is the state fruit of Kerala. The 'One District One Product' scheme under the aegis of PMFME scheme of Government of India has declared 'Jackfruit based Products' as the approved products of Pathanamthitta and Kasargod Districts in Kerala.

केरल कृषि परिषद
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Rev. Moncey Varghese, Director CARD, Smt. Bindhu M, SPO, Pathanamthitta and Dr Rincy K Abraham, Subject Matter Specialist and Project Coordinator SRC also addressed the gathering. The ceremony was attended by staff of postal department, Krishi Vigyan Kendra, Pathanamthitta and general public.

Dr. Jacob John, Director of Extension, KAU observed that the ODOP scheme is helping farmers to realize better profits through processing and value addition of their agricultural produce.

Celebration of Institute Foundation Day

ICAR-ATARI, Bengaluru celebrated its Foundation Day on 01.11.2022 along with Kannada Rajyotsava wherein all ATARI staff participated. Dr. V. Venkatasubramanian, Director gave welcome, highlighted the achievements of ICAR-ATARI, Bengaluru and appreciated the contribution of KVKs for upliftment of farming community.

Dr. S. Rajendra Prasad, Former Vice Chancellor, University of Agricultural Sciences, Bengaluru inaugurated the Institute Foundation Day as Chief Guest. In his address, he appreciated the ICAR-ATARI achievements and said that ATARI can support farmers to face the difficult climatic situations through the network of KVKs. He underlined that ATARI can influence the farmers to double their income through transfer of viable technologies from research institutes to farmers' field. He also talked about Kannada literature and remembered the people who have contributed towards the development of Kannada language.

Dr. Ramesh Rao Narayana, Astro medicine Scientist, graced the occasion as Guest of Honour. In his address, he briefed on the difference between the matter and non-matter concepts. He explained about his research on time as a variable and stated that if time changes, the quality of energy changes.



Dr. Mallikarjun B. Hanji, Chief Technical Officer (Computer) and Mrs. Ramola Pinto, Junior Stenographer of the Institute bagged Foundation Day Award 2022 for their best performance during the year 2021



Special Campaign 2.0

Government of India announced Special Campaign 2.0 from 2 - 31 October, 2022, with a focus on “Swachhata (cleanliness) and reducing pendency in government”. It reinforces importance of timely disposal of references and a clean work space in Government offices. KVKs from Karnataka, Kerala and Lakshadweep actively took part in Special Campaign 2.0 and organized a total of 494 activities with 13254 participants on the following topics:

- Adoption of villages for Microbial based Agricultural Waste Management using Vermi compost.
- Awareness programme about Swachhata.
- Crop Residue Management
- Demonstration of technologies on waste and wealth.
- Cleaning of villages programme with farmers.
- Orientation of school children on various topics like hygiene, sanitation, cleanliness
- Cleaning of offices and campus and disposal of scraps, space freed, etc.
- Timely disposal of references



KVK, Chikkaballapura



KVK, Davanagere



KVK, Tumkur II

World Soil Day 2022



group discussion, debating and drawing competitions among the farmers, KVKs staff and school children etc. besides distributing inputs and SHCs to farmers.

A total of 47 KVKs of Karnataka and Kerala have organized the programme wherein 5099 stakeholders participated of which 3573 were farmers/farm women, 300 Scientists, 1292 students and 122 VIPs. Various dignitaries and special guests those attended the programme have spoken about the important initiatives of GOI like the natural farming, soil health card and importance of the soil in farming etc. The prominent participants among the VIPs include MLAs besides large number of peoples representatives of panchayats and senior level government officials.

World Soil Day is held annually on 5 December as a means to focus attention on the importance of healthy soil and to advocate the sustainable management of soil resources. The Krishi Vigyan Kendras (KVKs) celebrated this year World Soil Day 2022 under the theme “Soils: Where food begins”. The programme aims to raise awareness of the importance of maintaining healthy ecosystems and human well-being by addressing the growing challenges in soil management, increasing soil awareness and encouraging societies to improve soil health. The programme included various events such as awareness campaigns, lecture by experts,



KVK, Bagalkot

KVK, Palakkad



हर कदम, हर डगर
किसानों का हमसफर
भारतीय कृषि अनुसंधान परिषद

Agriseach with a human touch

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