

KVK TIMES

A window to KVK's of ICAR-ATARI, Zone - XI, BENGALURU
Vol. 1 issue 37, 1-15 January 2023



ICAR Agricultural Technology Application Research Institute Zone - XI, Bengaluru

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Janagere Halasu



**Cocoon market
Ramanagara**



Millets



**Mekedatu
Kanakapura**

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UNIVERSITY OF AGRICULTURAL SCIENCES, BANGALORE

Dr. S.V Suresha
Vice-Chancellor

Gandhi Krishi Vignana Kendra
Bengaluru-560 065

Message



Sustainable innovative agricultural technologies developed by SAUs/ICAR are effectively disseminated to farming community by Krishi Vigyan Kendras (KVKs) established by ICAR. The KVKs are functioning as a vital link between research and extension systems at district levels by conducting various agro based capacity building extension programmes and on farm trials to demonstrate location specific technologies in a fast and effective manner. The activities conducted by KVKs have to be recorded for the future use to reach out to farmers, agriculture scientists and extension workers.

The ICAR-ATARI, Zone XI has made an attempt to record and compile the significant accomplishments of KVKs towards enriching socio-economic status of farmers through a newsletter “**KVK TIMES**”. By referring KVK TIMES, all KVKs get an opportunity to adopt the working modules developed by other KVKs mentioned in the newsletter which will have a greater impact on bridging the gap between technology generation and technology adoption to fasten the technology dissemination.

The efforts made by the team of KVK, Ramanagara and the support rendered by the Director of Extension, UAS, Bangalore are duly appreciated and acknowledged for bringing out 37th issue of “**KVK TIMES**” during the first fortnight of January 2023.

My best wishes are with all KVKs and ICAR-ATARI, Zone XI for involving in effectively transferring technologies through better agricultural extension system supporting farmers of our nation in terms of socio-economic development.

(S. V. Suresha)



University of Agricultural Sciences, Bengaluru
Directorate of Extension, GKVK, Bengaluru – 560 065



Director of Extension

Message

Krishi Vigyan Kendras are the well framed and one of the frontline extension systems for effective dissemination of technologies for the farming community, agripreneurs and agricultural practitioners through different innovative methodologies.

KVK play a vital role in conducting wide range of capacity building programmes to the farmers besides on farm testing and front line demonstrations to demonstrate location specific agricultural technologies and functioning as knowledge and resource centres of agriculture technology supporting initiatives of public, private and voluntary sectors for improving the agricultural economy in the respective districts and are linking the National Agricultural Research System with Extension System and Farmers.

It is my immense pleasure to appreciate the novel idea of ATARI, Bengaluru in bringing out the significant activities of KVKs in the form of KVK TIMES which would help in cross learning and replicating the innovative ideas and activities of different KVKs. Hence, I appreciate and congratulate the efforts of National Awardee (2021-22) KVK Ramanagara Team in bringing out fortnightly KVK-Times during first fortnight of January 2023.


(K Narayana Gowda)
Director of Extension



ICAR-Agricultural Technology Application Research Institute, Zone XI

भा.कृ.अनु.प.- कृषि तकनीकी अनुप्रयोग अनुसंधान संस्थान, जोन XI

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Dr. V. Venkatasubramanian

डॉ। वी। वेंकटसुब्रमण्यन

Director

निदेशक



Message

Agriculture is the main occupation in rural areas and enormously to the national income of the country. Krishi Vigyan Kendra is an institution playing a crucial role in transfer of technology at the grass root level for bridging the gap between production and productivity in agriculture and allied sectors. KVKs are assisting farmers, rural youth and the extension personnel to address the challenges through innovations in technology interventions and approaches.

The e-newsletter "**KVK Times**" is to provide the highlights of work carried out by the KVKs through organizing On Farm Trials, Frontline Demonstrations, Capacity building, Skill & Sponsored training programmes, Awareness programmes etc. The "**KVK Times**" is the mirror of achievements of ICAR-ATARI (Zone- XI), Bengaluru & its 48 KVKs.

I acknowledge the support extended by Dr. S. V. Suresh, Vice Chancellor and Dr. K. Narayana Gowda, Director of Extension to the KVKs of University of Agricultural Sciences, Bengaluru. I congratulate Team KVK Ramanagara for the meticulous effort put into compiling the activities and bringing out the 37th issue of "**KVK Times**" in the present form with unique style of presentation of the worthy content.

Bengaluru

26 January 2023

(V Venkatasubramanian)



UNIVERSITY OF AGRICULTURAL SCIENCES, BENGALURU

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'Healthy Soils for a Healthy Life'



Dr. Lata R Kulkarni., Senior Scientist & Head



Acknowledgement

I avail this opportunity to express my deepest sense of gratitude and heartfelt thanks to our Honorable Vice-Chancellor, Dr. S. V. Suresha for his valuable guidance, constant encouragement and moral support in carrying out KVK activities and to serve the farming community.

I would also like to extend my sincere thanks to our beloved Director of Extension, University of Agricultural Sciences, Bangalore Dr. K. Narayangowda for his inspiration, timely interventions, suggestions and guidance to carry out our duties with ease and perfection.

I am extremely proud and privileged to be entrusted with responsibility to compile and edit the 37th issue of KVK TIMES from 1-15th, January, 2023. I whole heartedly thankful to Dr. Venkatasubramanian, Director of ATARI, Bengaluru, for his overwhelming support and motivation in all efforts of KVK. I extend my sincere gratitude to Dr. Timmappa, Principal Scientist and Nodal officer ATARI, Bengaluru of our KVK for constantly encouraging us to carry out the activities. I would also like to place on record the help of all the other scientific and administrative staff of ATARI, Bengaluru for their timely support.

My sincere thanks to all the Heads and Teams of KVKs of Zone-XI for sharing the valuable information on various activities carried out by their KVK. Finally I profusely thank and appreciate the sincere efforts of my entire team of ICAR- Krishi Vigyan Kendra, Ramanagara for their support and valuable suggestions in compiling and bringing out this issue elegantly and in time.

Date: 15.01.2023
Place : Ramanagara

L R Kulkarni
Senior Scientist and Head,
ICAR-KVK, Ramanagara



KVK TIMES

A Window to KVKs of ICAR-ATARI, Zone-XI, Bengaluru
Vol. I issue 37, 1-15 January 2023



**PANDIT DEENDAYAL UPADHYAY
KRISHI VIGYAN RASHTRIYA PROTSHAHAN PURASKAR
2021-22**

**KRISHI VIGYAN KENDRA, RAMANAGARA
UNIVERSITY OF AGRICULTURAL SCIENCES BANGALORE**



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KVK-Ramanagara

Disease Resistant Redgram var. BRG-3 & BRG-5: Double-income dream for Karnataka farmers

- ✦ Redgram is predominant pulse crop of Ramanagara and is severely affected by biotic stress such as Fusarium wilt caused by *Fusarium udum* and Sterility Mosaic Disease (SMD) transmitted by Eriophyid mite, *Aceria cajani* which resulted in complete yield loss.
- ✦ KVK Ramanagara introduced new disease resistant varieties:
 - BRG-5: Resistant to wilt disease, suitable for Dhal making, 160-170 days duration, suitability for normal and delayed sowing, yields about 14-16 q/ha.
 - BRG-3: Resistant to both wilt and sterility mosaic disease, suitable for Vegetable and Dhal making, 160-170 days duration, suitability for normal and delayed sowing, seed yield about 16-18 q/ha and green pod yield about 35-40 q/ha.
- ✦ Impact:
 - **Horizontal spread:** BRG-5 variety is being covered in 750 ha. Yield has been increase upto 65% as compared to BRG-2. BRG-5 is included in seed chain and KSDA Ramanagara is supplying seeds through RSK's at subsidiary rate.
 - **Economic gains:** The net return realized on an average was Rs. 30,134/ha (ranged from Rs 27,500 to 35,800) from 8.90 q/ha and with a cost benefit ratio of 1:2.3



BRG-5: Resistant to Wilt disease



BRG-3: Resistant to Wilt & SMD disease



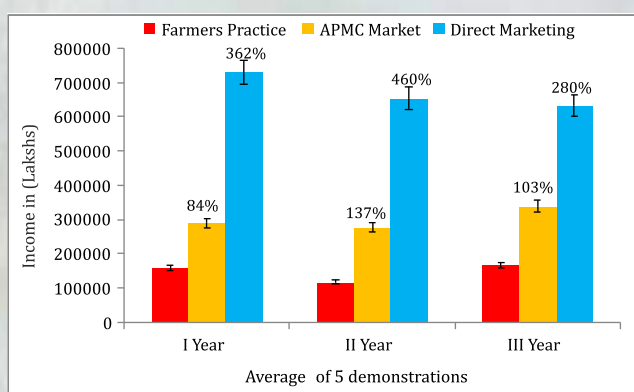
An Innovative Activity of Safe Ripening and Direct Marketing of Mango for Doubling Farmers Income through Ram Gold Brand

- Mango is one of the most important commercial horticulture crop in Ramanagara District, Karnataka (Area: 32651 ha).
- Farmers realized lower income through unscientific cultivation practices, ripening methods and sale through APMC and open markets. KVK conducted FLDs & trainings with an objective of improving the productivity, quality of fruits and market linkage to fetch better price.

✦ Impact:

- The scientific and holistic management of mango orchards, safe ripening, branding and direct marketing helped to double the farmers' income. The interventions has tremendous impact on social and economic change, and covered an area of 1630 ha and 220 farmers.
- The income generated from Direct marketing as Ram gold brand was 6.72 lakh/ha whereas, from on-farm contract was 1.47 lakh/ha and 3.02 lakh/ha from APMC market.

Years	Area (ha)	Total yield (t)	Income (Rs.)			Income from direct marketing over on farm contract (%)	Addl. Income from APMC market over on farm contract (%)
			On farm contract	Sale at APMC	Direct marketing		
1st Year	1.40	11.46	158000	290000	729670	361.82	83.54
2nd Year	1.48	12.56	116600	276496	652950	459.99	137.13
3rd Year	1.80	14.31	166600	339488	634080	280.603	103.77
Average of 3 years	1.56	12.78	147067	301995	672233	57.09	105.35





KVK- Ramanagara–fodder seed hub for dairy and sheep–goat rearing farmers

Dairy and sheep-goat rearing are the major subsidiary enterprises of the Ramanagara district apart from sericulture. By considering the importance of feed and fodder management in bringing profitable and sustainable income to the farmers from these enterprises, KVK Ramanagara has introduced several fodder crops, high yielding varieties and improved cultivation practices through several capacity building programmes, KVK demonstrations, ATMA Demonstrations and FFS's and disseminated the information related to fodder crops through several doordarshan, AIR programmes, news and print media. Unlike other field/horticulture crops seed material, these fodder seeds and planting material were not available everywhere. By considering this gap in fodder seeds availability, KVK Ramanagara has stepped in to cater the needs of the farmers by producing fodder seeds through farmers -participatory mode and brought the seeds from various fodder seed producing agencies and made available to farmers through KVK sale unit.

Since 2019-20, KVK has sold more than 6.5 ton fodder seeds to 7300 farmers covering, various fodder crops viz., multicut fodder sorghum (COFS-29 &31), African tall Maize, Hedge lucerne, Lucerne, Sesbania, Subabul (wonder graze), Stylosanthes (hamata, seabrana, schofield, scabra), fodder cowpea and provided more than 2 lakh fodder cuttings and roots slips covering 10 multicut improved fodder crops covering 18 different varieties to farmers of Ramanagara district and adjoining districts and generated more than 35 lakh revenue through marketing of fodder seeds and planting material in KVK since 2019-20.





ICAR-KVK-Alappuzha

Capacity building of extension officials and master farmers on 'Farm Based Planning'

Capacity building of extension officials and master farmers on 'Farm Based Planning'

A district level capacity building programme on 'Farm Based Planning' was organized on 04.01.2023 in collaboration with ATMA, Alappuzha for empowering extension officials and master farmers of the district for implementing the flagship programme of the state Govt. announced recently. Various aspects of planning the component enterprises in a farm such as crops, animals and poultry that could be accommodated in different sizes of the farm, soil and nutrient management through recycling of organic sources in the farm, and integration of animal and poultry components were discussed in detail in the programme, citing experiences of the KVK on FLDs on integrated farming systems conducted earlier. Dr. K. Sajnanath, Dr. S. Ravi and Sri. Rajeev M S, Subject Matter Specialists of KVK-Alappuzha handled the sessions. A total of 40 participants including selected master farmers from Ambalappuzha, Harippad and Aryad blocks attended the programme. Smt. P. Anithakumari, Project Director, and Mr. K. Saji, Dy PD, ATMA, Alappuzha also addressed the participants on the occasion.



Farmer Field School brings in enthusiasm among women farmers

Sodic soil, salt water inundation and lack of knowledge on scientific crop management were the main impediments stood in between the women farmers in Thrikkunnapuzha and their desire to grow safe to eat vegetables of their own. They could overcome these obstacles when KVK-Alappuzha, Krishi Bhavan and the panchayath converged their efforts through organizing a 'Farmers' Field School with 20 selected participants. The FFS on 'Integrated crop management in homestead vegetables' started in August, 2022 and had twelve different sessions on alternate Mondays at each farmer's plot on rotation, facilitated by KVK subject matter specialists. Women members who were not even able to differentiate between insect pests and disease, were empowered to manage majority of these maladies by timely adoption of pest management practices and nutrient application methods by the skill and knowledge acquired through experiential learning offered by FFS. They could save their crop from pests like mites in chilly, stem borer and fruit fly attack in snake gourd and diseases like wilt, which in turn enhanced their income. The field day of the FFS organised on 11.1.2023 was attended by Sri.S.Vinodkumar, President, Grama Panchayath, Dr.P.Muralidharan, Head, KVK and Mrs. Devika, Agricultural Officer. FFS partners shared their experience and excitement of the learnings through FFS and the AO requested for expansion of the FFS to other wards also. Dr.T. Sivakumar, SMS (Entomology) coordinated the six month's programme.





KVK-Bagalkot

Savayava Siri Dhanya Mela

KVK Bagalkote in collaboration with department of Agriculture organised Savayava Siri Dhanya Mela at Kalidas ground for two days from 9-10 January 2023. An exhibition was also displayed by KVK to showcase the technologies of university with regard to millets. In two days mela, people’s representatives, Shri Veeranna Charantimath, MLA: Sri P. C. Gaddigoudar, MP: Sri Siddu Savadi, MLA Teradal; District collectors, Assistant collectors, CEOs, representatives from IAT, UHS, UAS, Sri Shankararodha Swamaji of Matoshri, organic farmers of Mudhol, resource persons from IIMR Hyderabad, university motivational speakers participated. Buyers and sellers meet was organised on 2nd day to promote marketing of millets and their value added produce. Many FPOs of Bagalkote exhibited and sold their produce at the stalls. More than 5000 farmers participated in the mela. Prior to mela millet, walkathon and millet rangoli competition was arranged and winners were awarded with certificates.

Off campus training programm on gap filling in sugarcane using single eye bud sugarcane seedlings

KVK Bagalkote organized off campus training programme on gap filling in sugarcane at Marikatti village of Mudhol taluk on 05.01.2023. Dr. Dineshkumar, S P, Scientist (Agronomy) briefed about the importance of gap filling in obtaining the yield without loss in ratoon sugarcane. Dr. Mouneshwari Kammar, Sr. Scientist & Head presided over the training and convinced the farmers to adopt the technologies demonstrated by KVK Bagalkote. A training on demonstration of fodder was also organised at the same village. Dr. Venkanna Balaganur, Scientist (Animal Science) briefed about fodder varieties and expressed their cultivation practices.





KVK-Ballari

Cluster Front Line Demonstrations on Groundnut under NMOOP

Groundnut being a major oilseed crop of Ballari District, grown in an area of more than 50,000 ha. Poor nutrient and water management, lack of awareness on insect pest / disease management are the major constraints in production of groundnut. In this regard, Cluster Front Line Demonstrations on Groundnut under NMOOP are being undertaken by ICAR-KVK, Ballari to overcome the production constraints. The demonstrations are conducted in an area of 20 ha covering 50 farmers at Jigenahalli village of Sandurt aluk, Ballari district. Follow up visits to the demonstration plots were made on 06th January 2023.

The technologies demonstrated to the farmers included integrated crop management practices viz., seed treatment with biopesticide (Trichoderma) and biofertilizers (Rhizobium & PSB), soil test based application of fertilizers, gypsum, micronutrients (ZnSo₄ & FeSo₄) and Integrated Pest and Disease Management (IPDM) techniques. Awareness was also created on use of recommended pre-emergent herbicide at the time of sowing, inter-cultivation at 30 and 45 days after sowing and water management. Apart from this, method demonstrations / capacity development programmes were also organized by KVK to other groundnut growing farmers of the village and extension personnel of Agriculture department. This included method demonstrations on collection of soil samples for analysis, seed treatment methodology, capacity development programmes on nutrient management and IPDM practices in groundnut.



**KVK Belagavi-I****Diagnostic field visit**

The diagnostic field visit was made to Ridgegourd field of Mastiholi Gourd and cowpea is being cultivated in an area of more than 50ha, Ridge gourd “diagnosed by viral disease and leaf minor pest and the crop” severely affected from these two. In vegetable cow pea the rust disease is very sever. The advisories were given to these two crop pests and it is planned to propose IPM demonstration in the action plan of 2023-24.

**KVK Belagavi-II****Drudgery Reducing Equipment's**

ICAR-KLE Krishi Vigyan Kendra, Mattikopp organized one day training on use of ‘Drudgery Reducing Equipment’s’ for farm women of Belagavi taluk on 06.01.2023. Mrs. Sridevi B. Angadi, Scientist (Home Science) expressed that farm women are involved in several field activities like sowing, raising of nursery seedlings of vegetable, dibbling, weeding, thinning, application of fertilizers, harvesting, winnowing etc. As these activities are drudgery prone and involves physical strain. To help farm women to work efficiently at field level by reducing the drudgery in the work and also to overcome their health problems. ICAR institutes and State Agriculture Universities have developed women friendly equipment’s to ease their farm operation like dibbler, vegetable seedling transplanter, groundnut stripper, groundnut decorticator, sugarcane single eye bud cutter, conoweeder, cycle weeder, twin wheel hoe weeder, cotton stack puller, nipping machine, spiral separator etc and suggested them to purchase these

implements from the Self-Help Groups and to provide to the farmwomen or farmer on custom hiring basis.

**Awareness programme on Natural Farming**

Two Natural farming awareness programmes was carried out to the farmers and farm women of Belagavi and Bailhongal taluk through method demonstration of



jeevaamrut and beejaamrut. The concept of natural farming was detailed as it is a diversified farming system that integrates crops, trees and livestock, allowing the optimum use of functional biodiversity. The soil is always supposed to be covered with organic mulch, which creates humus and encourages the growth of friendly microorganisms. Farm made bio-cultures named jeevaamrut and beejaamrut etc. are added to the soil instead of any fertilizers to improve microflora of soil. In natural farming there is no plowing, no tilting of soil and no fertilizers, and no weeding is done just the way it would be in natural ecosystems. Natural, farm-made pesticides like dashparni and neem astra are used to control pests and diseases. Multi-cropping is encouraged over single crop method was explained by the scientists of the KVK.

Drone demonstration

Drone technology demonstration was conducted in farmers field at Hanabarahatti village of Bailhongal taluk in association with Garuda Aerospace, Chennai.



Praveen Yadahalli, scientist (Horticulture) explained the methodology and advantages of spraying pesticide/nutrients through drone to the gathered farmers and farm women. Total of 40 farmers witnessed the demonstration at field.



KVK- Bengaluru Rural

KVK-Chikkaballapura

**Training Programme on
“Pest and disease
management in Cauliflower”**

**On-campus training programme on
‘Management of fall army worm in Maize’**

ICAR-Krishi Vigyan Kendra, Bengaluru Rural District organized training programme on ‘Pest and Disease management in Cauliflower at Thimmasandra, DFI village of Hoskote Taluk on 05.01.2023. During the programme Dr. Venkate Gowda, J., Senior Scientist & Head, ICAR – Krishi Vigyan Kendra, Bengaluru Rural District briefed about the importance of trap crop in cauliflower. Ms. Ranjeetha, R., Scientist (Horticulture), explained about the growth and quality curd development through spray of Boric acid (3g / L) and ammonium molybdate (10g / 50 L). Dr. Ramegowda, H.V., Scientist (Crop physiology) informed about the importance of growth regulators in vegetable crops. Dr. Darshini, G.M., Scientist (Plant protection) briefed about the management of DBM and other sucking pests by use of traps, spray of Spinosad (5ml/20L) and neem soap oil (10ml/L). Totally 25 farmers were participated and benefited from the programme.

ICAR-KVK, Chikkaballapura organised a On campus training programme on ‘Management of fall army worm in Maize’ on 03.01.2023. Dr. Swathi, Scientist (Plant Pathology) explained about symptoms and control measures for management of fall army worm in Maize. 15 farmers participated in the training programme.





KVK-Chikkamagaluru

Inauguration of Krishi Vigyan Kendra Chikkamagaluru New Administrative building

ICAR-Krishi Vigyan Kendra, Chikkamagaluru has organized New Administrative Building inauguration programme on 10.01.2023, Tuesday at KVK campus, Belur Road, Mudigere.

Dr. A.T. Krishnamurthy, Senior Scientist & Head, Krishi Vigyan Kendra, Chikkamagaluru, welcomed the gatherings and presented before the audience about the extension activities carried out by the Krishi Vigyan Kendra for the benefit of the farming communities in the district during the last five years in his introductory speech.

Sushree Shobha Karandlaje, Hon'ble Union Minister of State for Agriculture and Farmer Welfare, Government of India has inaugurated the new administrative building of Krishi Vigyan Kendra and addressed the gathering that, integrated agriculture University is good for the farmers because farmers having all the component viz., agriculture, horticulture and animal husbandry. Further, 1.32 lakhs crore budget is being released every year for the welfare of agriculture sector by the central government. The food grains produced in our country is abundant and self sufficient. But farmers are lack of knowledge about of market and market information to get remunerative price for their produce. Farmers should become entrepreneur and start preparation of value added products from the agricultural and horticultural crops to get more income which in turn enhance the economic status of farming communities.

Shortly cold storage facility will be established in Tarikere taluk of Chikkamagaluru district for the benefit of onion and vegetable growers, farmers can store their produce when there is glut and lower price in market, when there is a higher price farmers can sell their produce, this will enhance the income of farmers in particular and Indian economy in general Sri. M. P. Kumaraswamy, Member of Legislative Assembly, Mudigere said that, farmers should cultivate the land continuously should not leave as a fallow. Farmers are the back bone of the country, they feed Indian population if the farmer not doing agriculture country will suffer due to shortage of food and also advised the farmers for effective utilization of central and state schemes and go for integrated farming system for sustainable yield and income for their livelihood security.

Sri. M. K. Pranesh, Deputy Chairman of Karnataka Legislative Council addressed the gathering that government has initiated so many schemes, research projects and extension activities for the benefit of the farming communities. It should be reached nook and corner of the villages where farmers are residing.

On this occasion Dr. V. Venkatasubramanian, Director, ATARI, Zone-XI, Bengaluru released the special poster cover on Chikkamagaluru district products – “Spice based products” and said that, government of India has declared “Spices” as the district product of Chikkamagaluru under the aegis of the one district one product (ODOP). Further, briefed that various schemes and Research oriented projects are implementing by the central government in view of Climate Resilient agriculture and hence more research should taken with respect to Climate Resilient for the benefit of farming communities in order to overcome ill effect of climate change on crops.

Technical bulletin on natural farming, newsletter and vegetable seed kit was released by the chief guest and facilitate PMFME beneficiaries of Mr. Dinesh Devrunda for developing E-Krishi Agri-Start-up and Mrs. Rashmi to start the enterprise on preparation of value-added products of spice The programme was Chaired by Dr. R. C. Jagadeesha, Hon'ble Vice Chancellor, KSNUAHS, Shivamogga in his presidential speech he mentioned about the KSNUAHS, Shivamogga University's released technologies and extension activities carried out by the Krishi Vigyan Kendra for the benefit of the farming communities in Chikkamagaluru district.

Dr. B. Hemla Naik, Director of Extension, KSNUAHS, Shivamogga, Dr. Mruthunjaya. C. Wali, Director of Research, KSNUAHS, Shivamogga, Dr. Dinesh Kumar, Dean (PGS), KSNUAHS, Shivamogga, Mr. Shivaram B., Hon'ble Board Member, Mr. Shivanand K.R., President Gram Panchayath, Mudigere, Dr. Shivaprasad, ADE, ZAHRS, Mudigere, Dr. Narayan. S. Mavarkar, Dean, COH, Mudigere, Mr. D.L. Ashok Kumar, President, Taluk Krishik Samaja, Mudigere, Mr. Balakrishna Gowda, President, Taluk Growers Association, Mr. Mohan Kumar, Hurudi, President, Karnataka Gowers Federation, Mr. Ramesh, Head, District Post Office, Chikkamagaluru and Scientist and Non-teaching staffs of KVK, ZAHRS and COH, Mudigere and More than 600 farmers and students of COH, Mudigere were participated and grace the occasion.





KVK-Chamarajanagara

Awareness programme on Natural farming

An awareness programme on Natural Farming was organized on 05.01.2023 at ICAR KVK Chamaraanagara for Input Dealers of Diploma in Agricultural Extension Services (DAESI). Mr. Rajath H. P., SMS (Agromet.) briefed about the Natural farming, its components namely Beejamrit, Jeevamrit, Mulching and Plant protection practices and its significance which is aimed towards sustainable development in agriculture. Preparation of Neemasthra, a neem based plant protection and Sour butter milk, a milk based formulation for managing fungal diseases in plants were demonstrated. Also they were given firsthand information on maintenance of soil health & fertility and climate resilient technologies to be adopted to mitigate adverse effects of climate change on agriculture productivity.



Field day on Bio intensive pest and disease management in Cabbage

Field day on IPDM in Cabbage was organized on 10.01.2023 at Siddayanapura village, Chamaraanagara taluk and district. The technologies pertaining to integrated management of insect pests and diseases such as intercropping with mustard trap crop (25:2) for managing DBM, application of bio agents namely Trichoderma and Pseudomonas for managing soil borne diseases, installation of yellow and blue sticky traps for managing sucking pests, application of Bt for managing DBM and vegetable special for supplying micronutrients and need based insecticides and pesticides were demonstrated in ten selected cabbage growing farmers' field. Dr. Pompanagouda (Senior technical officer) facilitated the demonstrations through method demonstrations of these technologies and through technology education programmes during the crop period. Farmer beneficiaries reported 2 to 4 reductions in number of chemical sprays. Sri Siddaraju Senior Assistant director of Horticulture, Dept. of Horticulture and Sri Veerabhadra, Agri. Officer shared their views on the demonstrations and suggested farmers to make best use of all supportive programmes & schemes of development departments.

Dr. Yogesh G. S., Senior Scientist & Head highlighted the role of INM and soil health maintenance for better crop management. Also he suggested application of liquid organic formulations based on scientific recommendations for a healthy crop harvest and for sustaining resources in agriculture. Mr. Rajath H. P. and Mr. Adarsh N., DAMU participated in the programme and urged the farmers to focus more towards climate resilient agriculture.





KVK-Chitradurga

Field Day on Redgram under National Food Security Mission

A field day programme on Redgram CFLD was organized by KVK, Chitradurga at Kunigarahally, Challakere Tq on 05-01-2023.

The programme was inaugurated by Dr. O. Kumara, Sr. Scientist and Head, KVK and during his inaugural speech he discussed about the importance of Redgram crop, Redgram being the the most important pulse and important source of human food and animal feed, redgram plays an important role in sustaining the soil health by biological nitrogen fixation and also helps in maintaining the soil physical and biological properties. It is the second important pulse crop in India next to Bengal gram. The ability of this crop to sustain in soil moisture deficit condition makes it an important crop in rainfed and dryland agriculture.

Dr. S. Onkarappa, Scientist (Plant Protection), briefed about the various pest and diseases of Redgram crop and their control measures. He also discussed about the various uses of redgram .



FFS -Field day programme of Chickpea

The programme was inaugurated by Dr. O.Kumar, Sr. Scientist and Head, KVK and during his inaugural speech he discussed about the importance of Farmers field School programme being implemented at Gannayakanahally. During the various sessions of FFS the scientists have briefed about various scientific technologies from selection of seed, seed treatment, soil testing, pest and disease management, importance of organic farming, uses of bio inputs like Trichoderma and various technologies involved in FFS. He also suggested the farmers to adopt the eco-friendly farming techniques for pest and disease control thereby reduce the cost of cultivation and earn higher returns.

Dr. S. Onkarappa, Scientist (Plant Protection), was present as the chief guest for the programme. During his speech he briefed about the various pest and diseases of Chickpea and their management practices.

Mrs. Parvathamma, Agriculture Officer, Hiriyyur, briefed about the various schemes and benefits of Department of Agriculture and suggested the farmers to make use of these facilities.

Mrs. Chikkamma, President, Gannayakanahally Gram panchayath presided over the programme and suggested the FFS farmers to share the information to other farmers of the village. Mr. Rangegowda, Mr. Sathyamurthy, Mr. Siddesh, Mr. Channabasanna have shared their experiences of FFS programme.

Dr. S. Onkarappa, welcomed all the guests and participants, Dr. Rudramuni, Farm Manager, provided the introductory speech, Mrs. Geetha Kumari, Programme Assistant, hosted the programme and also extended the vote of thanks.





KVK-Dakshina Kannada

Capacity Development Programme on Cocoa & Cashew crop for DAESI students

ICAR-Krishi Vigyan Kendra (DK), Mangaluru organized MANAGE sponsored DAESI Programme with the coordination of SAMETI (South), UAS, Bengaluru and Department of Agriculture, Dakshina Kannada for Input Dealers (Batch-V). Dr. Nagaraja, N. R., Senior Scientist (Plant Breeding), ICAR-CPCRI, Regional Station, Vittal participated as a resource person and covered aspects on “Nursery management, varietal wealth, production technologies and protection technologies of Cocoa crop. Besides this field visit also organised to the arecanut demonstration unit established at KVK Farm to identify the nutrient deficiency, pest and disease infestations.

Dr. Vanitha K., Scientist (Agriculture Entomology), ICAR-DCR, Puttur participated as resource person & delivered a lecture on “ pest and disease management in cashew”



CDP on Integrated Crop Management in Vegetables

ICAR-Krishi Vigyan Kendra (Dakshina Kannada) Mangaluru organized a capacity development programme at Hosangadi, Belthangady on 03-12-2022 for initiating Front Line Demonstration of high yielding Ridge gourd Var Arka Prasanna and Yard Long Bean Var Arka Mangala. Mr. Dranendra Kumar, Former Zilla Panchayat Member, DK inaugurated the programme. Mr. Shreepathi Upadaya, Director, PACS, Peradi and Mr. Hariprasad P, Grama Panchayat Member, Peradi presided over the programme. Dr. Rashmi, R., Scientist (Horticulture) coordinated the programme and delivered a lecture on production technology of Ridgegourd and Yard Long Bean crops. Dr. Kedarnath, Scientist (Plant Protection) participated as resource person and explained about integrated pest and diseases management in the crops and Dr. Mallikarjuna L. Scientist (Soil Science) explained about the importance of soil testing in Coastal Karnataka and Integrated Nutrient Management in Crops. Total 23 farmers were participated in the programme and 20 selected farmers were provided with Vegetable seeds as critical inputs.





KVK Davanagere

Method Demonstration on Use of Chickpea Magic In Bengal gram

NFSM-CFLD Bengal gram plots were visited at Kattegehalli, Jagalur taluk. Mr. Mallikarjuna B.O., Scientist (Agronomy) explained to the FLD farmers on importance of Chickpea Magic as a nutrient foliar spray in the bengalgram, when crop at 50% flowering stage. Chickpea magic is the specific combi product of micro and macro nutrients along with plant growth regulators for boosting yield and inducing the drought and heat tolerant. Method demonstration on usage of Chickpea magic @ 7.5 g/l with PGR 0.5ml/l and taken up. Dr. Avinash T.G., Scientist (PP) explained that this chickpea magic can be mixed with any pesticides and fungicides except copper based fungicides and explained about the management of pod borer by spraying Emamectin Benzoate @ 0.5g/l. Fifty CFLD farmers participated in the program and provided the chickpea magic and chemicals to them as part of the program.



KVK Dharwad

Participation in Millet Mela during 26th National Youth Festival

ICAR-Krishi Vigyan Kendra, Dharwad participated in a Millet Mela organized by Department of Agriculture, Dharwad during 26th National Youth Festival at R N Shetty Stadium, Dharwad. The mela was conducted for 5 days from 12-16 January 2023. University of Agricultural Sciences, Dharwad, farmer producer companies, self-help women's groups, private companies participated in the exhibition and sold their products, various cereals based products. Shri Amrut Desai, MLA, Dharwad inaugurated the mela along with Dr. P. L. Patil, Vice Chancellor, UAS, Dharwad. ICAR-KVK, Dharwad exhibited different kinds of millets, crop specimens, millet seeds, millet value added products, information on crop production, KVK initiatives etc., for the benefit of farmers, consumers and business men. More than 20,000 people visited the stall and interacted with the Scientists.





KVK Dharwad

Method demonstration on Insitu composting of Sugarcane trash using UASD compost culture

Burning of sugarcane trash is a common practice followed by the farmers after harvest to manage the menace of trash and it affects on soil health, air, human health etc. Greater attention is given only in improving the sugarcane yield and growers don't have much awareness about sugarcane trash recycling. In-situ composting and sugarcane trash mulching can be a good alternate to mitigate these problems. Hence, using integrated system of composting with bio inoculants and subsequent incorporation in field is demonstrated at Mugad village on 05.01.2023 by ICAR-KVK, Dharwad. Dr. Punitha B. C., Scientist (Soil Science) and Dr. Geeta S. Tamgale, Scientist (Home Science), KVK, Dharwad explained the importance of using effective microbes in compost culture developed by UAS, Dharwad which contains four lignocellulytic fungi viz., Plerotus, Phanerochate, Aspergillus and Trichoderma that are capable of making a residue into valuable nutrient sources and educated the farmers regarding methodology of mixing the compost culture in cowdung slurry and its application in sugarcane field. About 8 farmers participated in the programme.



KVK Gadag

Workshop on natural farming

Workshop on Natural Farming practices was organised at ICAR-K.H.Patil Krishi Vigyan Kendra, Hulkoti on 31-12-2022 for farmers and farm women of Gadag district. During the workshop, the trainees were exposed to various natural farming practices viz., Bheejamruta, Jeevamruta, Ghanajeevamruta, Neemastra, Agnihastra etc. Farmers under practice of Natural Farming participated in the workshop shared their views and performance of crops under Natural Farming. The Chief Guest of the Workshop was Shri S.K.Mudlapur, Retired SMS (Plant Protection), ICAR-KVK, Hulkoti explained about the importance of the natural farming practices. Dr.Sudha V. Mankani, SMS (Home Science) explained about the importance of consumption of naturally grown foods. Shri N.H.Bhandi, SMS (Soil Science) explained about the soil health and soil fertility management through natural farming. Totally 115 farmers and farm women participated in the programme.





KVK Hassan

Field Day on 'Demonstration of Dolichos bean Arka Sambhram for higher productivity'

ICAR-KVK, Hassan has conducted the Field day on demonstration of Dolichos bean Arka Sambhram for higher productivity at Samshettihalli, Belur taluk on 09/01/2023. Mr. Jeevan Progressive farmer, Belur taluk has inaugurated the programme and in his inaugural speech he said that farmers should cultivate improved varieties along with the adoption of organic farming practices in their farm to improve yield and to maintain soil health. Dr. Rajegowda, Senior Scientist and Head, KVK, Hassan, to gain higher income farmers should practice scientific farming by taking advice from the scientists.

Dr. N. Pallavi, N., scientist (Crop Physiology) KVK, Hassan has organized the programme and during her introductory remarks she briefed the objectives, motto and importance of field day in any technology demonstration. She also explained the technology demonstration Dolichos bean Arka Sambhram benefits and results by comparing to the local varieties for the gathered farmers.

After that farmers were taken to the demonstration plots to show the results of the Dolichos bean Arka Sambhram. Ms. Supritha, DASEI Facilitator, KVK, Hassan, students of DASEI programme KVK Hassan, farmers of Samshettihalli and surrounding villages were participated in the programme.





KVK-Haveri

“Awareness on weather services to farmers”

An awareness program on weather services to farmers was organized by DAMU KVK Haveri to the farmers on account of exposure visit to KVKs under ATMA project. During this visit Dr. Shantveerayya briefed the importance of DAMU project and also commented the essentiality for farming community to get real time information on weather and Agromet advisories at block level in local language. They also highlighted the mode of dissemination of Agro Advisory bulletins to the farmers and whats app groups created by DAMU KVK Haveri. He suggested the farmers to register their whats app mobile numbers to get real time weather forecasting and advisory. He also highlighted the usage of weather apps MEGHDOOT and DAMINI App in farming activities. A demonstration was carried out among the farmers how to download and use these apps in daily farming activities. Farmers were visited to Automatic Weather Station (AWS) of DAMU unit, where explained on weather sensors of AWS to receive real time weather data. During this event more than 35 farmers / farm women were benefitted weather information.



Training conducted on Integrated Crop Management in paddy

ICAR-Krishi Vigyan Kendra, Haveri conducted off campus training program frontline demonstration (FLD) on ICM in paddy crop at farmer's field of Shri. Dillyeppa Billal and Shri. Hanumantappa Meenakatti, progressive farmers of Medleri village of Ranebennur taluk. During this occasion Dr. Ashoka P. Senior Scientist and Head provided technical advice to the farmers on paddy crop. They briefed that rice is an important food grain crop and disease and pest management from seed treatment to harvest stage is very important to get higher yield. The seedlings should be transplanted when they are at 30 to 35 days old. To control broad leaved weeds spray 2,4-D sodium salt 80 WP (1 kg per acre in 200 lit of water). This herbicide should not be used where there is cotton crop near paddy fields. In the last season rice crop was affected by blast disease, which means small brown spots can be seen on the leaves. For the control of this seeds should be treated with fungicide (2 g carbendazim 50 WP per kg of seeds) and sown. If disease symptoms appear in the field spray 1 g carbendazim 50 WP or 1 ml edifenphos 50 EC or 1 ml propiconazole 25 EC per lit of water. Later, Dr. Rajkumar G. R. soil scientist said that while planting seedlings, they should be dipped in 1% solution of micro nutrients. He advised to apply 20:20:20 fertilizer within 20 days of planting to the main land. In paddy crop deficiency of light nutrients can be overcome by using per acre 10 kg iron sulphate and zinc sulphate each. Total farmer 30 farmers participated in training programme





KVK-Idukki

Kalburgi-II

**ORGANIC FARMING SOCIETY
FORMATION BY KVK IDUKKI**

Standard operational procedures for small cardmom cultivation in Idukki district and organic farming society formation was conducted at KVK Idukki exclusively for the organic cardmom growers in the district. The seminar was organized at KVK Idukki by Sri. Sudhakar Soundarajan, SMS (Plant Protection). Major problems faced by the normal cardmom growers who use pesticides in plantation is the rupees per kilograms of small cardmom which fetches an amount of Rs. 850/- kg whereas organic cradmom per kilo fetches an amount of Rs. 2000 and more due to export oppurjunities. About 750 farmers interested in the participation of organic socierty formed by KVK Idukki. Importance of Organic products like phosphobacteria, Azospirillum, potash bacteria, vermicomposting, egg amino acid, fish amino acid, organic sea weeds, bone meals, Bordo mixture, Aloe Vera, Amrit Pani, 3 G Pesticide formulations and alike were delivered to the organic farmers. Training on low cost farm level production of bio control agents like trichoderma, pseudomonas, PPFM-Methlobacteria, Multiplication of VAM was condcuted at KVK Idukki. A Total of 120 farmers participated in the programme

**Diagnostic field visit to pomegranate
and custard apple**

Dr. Chethan T., Scientist (Horticulture) visited pomegranate and custard apple orchards on 07-01-2023. During the visit of custard apple orchard at Jeratagi village Tq. Jewargi. It is observed that, there was deficiency of nutrients. So, suggested to apply enriched FYM. Further, visited pomegranate orchard at Mandewal village Tq. Jewargi. It is observed that sucking pest and wilt incidence. So, suggested to take integrated management practices for getting good yield.





KVK-Kalburgi-I

Krishi Mela-2023, UAS, Raichur

University of Agricultural Sciences, Raichur conducted three days Krishi Mela for the year 2023 from 10th to 12th January under the theme of ‘Essence of millets: basis for life’. Krishi Mela was inaugurated by Hon’ble Agriculture minister of Govt. Karnataka Sri. B.C. Patil wished a good luck for better growth of the university and farming community and briefed about Integrated Farming System which helps to increase or double the farmer’s income by recycling the agricultural resources at low cost farmers can get income throughout the year. Transport and social welfare minister of Govt. Karnataka Sri. B. Ramulu suggested new developed technologies by university which also can be implemented for the benefit of the farmers. Hon’ble Vice Chancellor Dr. M. Hanumanthappa welcomed, Member of Parliament of Raichur presented the presidential speech. The divine presence was of Shri Mahalinga Mahaswamigalu, Viraktamath, Yaddaladoddi, Sindhanur taluk, Raichur district who blessed for betterment of the University and farmers.

On this occasion, the university recognised the achievements and awarded ‘Shresta Krishika’ and ‘Shresta Krishi Mahile’ to the progressive farmers from Kalyan Karnataka districts. The technologies released by the university along with technological products like millets, millets baked products, biofertilizers, Solar operated power sprayer, different varieties seeds of millets, pulses and cereals, GI tagged tur dal, pulse and chickpea magic were show cased in the different stalls. Agriculture universities, various departments of Horticulture, Veterinary, Sericulture, Forestry, Fishery and private companies established stalls in Krishi Mela. The agriculture related information in the form of specimens, charts, model, live samples were demonstrated for the benefit of the farmers. ICAR-Krishi Vigyan Kendra, Kalaburagi-I bagged second best stall award was received by Senior Scientist and Head Dr. Raju G. Teggelli and Scientists Viz, Dr. Vasudev Naik, Dr. Manjunath Patil, Dr. Zaheer Ahmed, Dr. Yusuf Ali and Dr. Shreenivas B V were part of the team.





KVK-Kannur

On the Job Training for VHSE Students

On the job training programme for second year students of Vocational Higher Secondary Education students was conducted at KVK Kannur from 4-01-2023 to 10-01-2023. Training was given to students on the job roles Floriculturist Open Cultivation (FOC) for students of Tagore Vidyanikethan Government Vocational Higher Secondary School, Thaliparamba and Government Vocational Higher Secondary School, Karthikapuram and Agricultural Extension Service Provider (AESP) for students of Tagore Vidyanikethan Government Vocational Higher Secondary School, Thaliparamba. Students were given orientation to practical aspects including preparation of potting mixture, filling of portrays, hanging pots, growbag etc. An exposure visit was organized for FOC students to Kannur International Airport to familiarize with gardening and landscaping concepts. AESP students visited Mayyil Rice Producers Company and interacted with director and board members. A field visit was also organized to vegetable cluster at Bakkalam to familiarize with crops, marketing opportunities and concept of group dynamics.



KVK-Kasaragod

Demonstration of Drones for Agriculture Applications

ICAR-Krishi Vigyan Kendra, Kasaragod, Kerala in collaboration with Garuda Aerospace Private Ltd, Chennai organized a demonstration of drone on 10th January 2023. The KVK staffs and students from Kendriya Vidyalaya No.1, Kasaragod participated in the drone demonstration conducted in the open field of CPCRI- Kendriya Vidyalaya No 1 campus. Dr. Benjamin Mathew (SMS-Horticulture), ICAR-KVK, Kasaragod briefed the Kendriya Vidyalaya students about the different drone applications in Agriculture, classification of drones, Ground Control Station, DGCA regulations for drone flying zones and drone rules. The students were excited and enthused on the new technology and clearly understand the use of the drone could save the time & money and also observed that spraying application in the field was precise and uniform. Dr. Manojkumar T. S., Head, KVK, Mr. Manikandan, K., STO ICAR-KVK; Kasaragod and teachers from the Kendriya Vidyalaya also participated in the demo sessions.





KVK-Kodagu

The Graduation Day of Diploma in Agricultural Extension Services for Input Dealers (DAESI) was conducted at ICAR Krishi Vigyan Kendra, Gonikoppal, Kodagu

The Graduation Day of Diploma in Agricultural Extension Services for Input Dealers (DAESI) was conducted at ICAR Krishi Vigyan Kendra, Gonikoppal, Kodagu. Dr. K. Narayanagowda, Director of Extension, UAS, Bengaluru was the Chief Guest during the function and distributed the Diploma certificates. The final Diploma certificates were issued from the National Institute for Agricultural Extension Management (MANAGE), Hyderabad. Dr. Kalpana B., State Nodal officer, DAESI-SAMETI, UAS, Bengaluru and Smt. Shabhana M Sheikh, Joint Director of Agriculture, Dept. of Agriculture, Kodagu and Dr. Niranjana Murthy, Rtd. Associate Director of Research, UAS, Bengaluru were the Guest of Honour present during the function. At the start of the programme, Mr. Veerendra Kumar, K.V, Subject Matter Specialist (Plant Protection) briefed about the programme. The Chief guest congratulated all the candidates on successfully completing the programme. In his address emphasised on the importance of technology and the transformation can bring change in income level of farmers. K.A. Devaiah, Head, ICAR-KVK, Gonikoppal in his presidential address opined that, this type of programme bridges the gap between farmers and scientists by bringing more extension agents on to the Governments fold. Following candidates were facilitated for their performance: Smt. Nandini (1st Rank), Mr. Punith (2nd Rank) and Mr. Purushothama (3rd Rank).



KVK-Kolar

Capacity development program on Integrated crop management in Tomato and Potato

ICAR-KVK Kolar organized Off campus capacity development program on Integrated crop management in Tomato and Potato in collaboration with Segal foundation at Avani village of Mulibagilu Taluk on 5.1.2023 . Dr. Sadanand K Mushrif, Scientist (Plant Protection) delivered a lecture on Integrated Pest Management and Integrated Disease Management in Potato and Tomato. Dr. Anil Kumar S, Scientist (SS&AC) delivered a lecture on soil test based nutrient application in tomato and potato. Dr Jyothi Kattedoguar, Scientist (Horticulture) delivered a lecture on Advanced crop production techniques in potato and tomato and Around 50 farmers were benefited from the program.





KVK-Kolar

Capacity development programme on "Organic Sericulture with special emphasis on management of mulberry pests through biopesticide"

ICAR- KVK, Kolar organized On campus capacity development programme on "Organic Sericulture with special emphasis on management of mulberry pests through biopesticide" in collaboration with Sericulture Department, Hosakote on 6.1.2023. K Thulasiram, Senior Scientist & Head, KVK Kolar briefed on Management of key pests of Mulberry through biopesticides & Dr. Shashidhar, K. R., Scientist (Sericulture) explained about management of mulberry diseases using bioagents. Shri Satish, ADS, Hosakote & 50 sericulture farmers were benefited from the programme.

Field day on "Introduction of productive bivoltine silkworm hybrid FC1 x FC2 for crop stability and cocoon productivity"

KVK Kolar organized Field day on "Introduction of productive bivoltine silkworm hybrid FC1 x FC2 for crop stability and cocoon productivity" at Silkworm rearing house of Sri Narayanaswamy, Gaddekannuru village, Kolar taluk on 11.1.2023. Around 45 sericulture farmers participated in the programme.





KVK-Kollam

Training Programme on Propagation methods in Horticultural crops

Skill Development of Rural Youth is a flagship scheme of the Ministry of Agriculture & Farmers Welfare, Govt. of India to implement capacity development in the Agricultural sector as Skill Training of Rural Youth (STRY). National Institute of Agriculture Extension Management (MANAGE), Ministry of Agriculture & Farmers Welfare act at National level which will coordinate this activity through SAMETIs and ATMA established at State and district level respectively. Krishi Vigyan Kendra Kollam has conducted a capacity development Programme as “Propagation methods in Horticultural Crops-Budding, Grafting and layering” to offer skill training to rural youth in propagation methods of horticultural crops which envisage to create a pool of proficient manpower coupled with entrepreneurial skills.

The capacity development Programme was conducted for a week duration for 28 participants including 12 male and 16 females selected from eleven blocks of Kollam district. The training was conducted by dividing the participants into 02 batches for easy handling. The theory sessions were conducted commonly while the practical sessions were conducted separately. The batch may be divided into two with an equal strength of 14 per batch for better handling of hands on training. The Theory sessions include introduction to Vegetative propagation, Different types of vegetative Propagation in Horticultural crops. Sessions with special reference to Nursery as an Enterprise, Group dynamics and Entrepreneur development were also covered. While, practical sessions include visit to nursery structure, hands on training to plants and varietal identification keys, hands on training to vegetative propagation viz. Cutting, layering Grafting and Budding techniques in Horticultural crops.





KVK-Koppal

Training programme on Scientific package of practices in Banana

ICAR-KVK, Koppal organized off campus training programme on Scientific package of practices in Banana on 03-01-2023 at Rampur village. Dr. Jyothi R., Scientist (Horticulture) had explained in detail about scientific package of practices in Banana. Dr. Raghavendra Yaligar, Senior Scientist & Head, ICAR, KVK, Koppal had given information on Integrated pest management in Banana. Dr. S.B. Goudar., Assistant Professor, (Plant Pathology) briefly explained about integrated disease management in Banana. More than 60 farmers were participated in the programme.



KVK Kottayam

On Job Training for Vegetable and Floriculture Growers

On Job Training (OJT) for Vegetable Growers, and Floriculture-Open Cultivation batches of Vocational Higher Secondary School students from SMSNVHSS, Vaikom and RVGVHSS, Chenappady was conducted at KVK Kottayam from 02-01-2023 to 13-01-2023. As part of the training, students were taught about vegetable farming, nursery management, plant protection, bonsai, dry flower arrangement, terrarium making, miniature garden and other aspects of agriculture. They were given field level training on plant propagation methods like grafting, budding. Students were also taught with preparation of organic manures and bio-inputs.





KVK-Kozhikode

Drone usage in Agriculture was demonstrated to farmers and extension functionaries

ICAR - Krishi Vigyan Kendra, Indian Institute of Spices Research, Peruvannamuzhi in association with Garuda Aerospace Ltd, Chennai demonstrated the usage of drones for Agriculture purposes. An event was organised at Maruthomkara Padasekaram with inauguration by Smt Shoba Ashokan, Vice President, Maruthomkara Grama Panchayat. The programme was Dr P. Ratha krishnan, Programme coordinator and Mr Nisab, B. Krishi delivered a felicitation address. Dr K.M. Prakash Subject Matter Specialist, KVK welcomed the participants and Mr. Balan, K, Parasekara Samethi President delivered vote of thanks.

The demonstrated drone is with a payload of 10 litres capacity and able to cover spraying about 1.5 acres of land by 7 minutes. It's cost is Rs 4.5 lakhs and easy to handle by a single person due to its lesser weight, foldable and have permission to fly upto 15 m height. The drone was demonstrated at Experimental farm, IISR, Peruvannanuzhi for the usage of spraying in Pepper columns.

During an another event at Cheriyaandi kkunnummalthaazha padasekaram, the farmers and residents were also demonstrated for the usage of this drone to make spraying in Paddy field and coconut crown surveillance and spraying. The programmes by Smt Suma Malayil, 12th Ward member, Mr Balakrishnan Nambiar, Secretary and members of padasekharasamithi Palliyathu – Velam.





KVK-Mallapuram

Capacity development on fish and meat processing

As a part of the five days training on “Counselling for entrepreneurship development in food processing” organized by Department of processing and Food Engineering, KCAET Tavanur, training sessions on Fish processing and Meat processing were handled respectively by Dr. Lilia Baby, SMS (community science) and Dr. C. Ibraheem Kutty, Programme coordinator (Animal Science) on 10th January 2023. Various aspects such as primary and secondary processing and value addition of these commodities were dealt in the sessions. Twenty-five SCST trainees constituted mostly of ladies including youth and entrepreneurs participated.



KISAN Samman diwas celebrated

Kisan Samman Diwas was celebrated by KVK Malappuram Dr. Ibraheem Kutty C. (Programme Coordinator, KVK) delivered the keynote address. As a part of this, one day workshop on ‘Composting and Azolla cultivation’ was conducted for BSc Microbiology students of Malabar College of Commerce and Science, Manoor, Edappal by Dr. Dhanalakshmi V. N., SMS, Agronomy. Fourty three students and three faculty members of the college participated in the programme.



From class rooms to the realm of field applications: On the job training for VHSE students

Skill enhancement of students on agriculture subjects in a meticulous manner is imperative for agriculture based Vocational higher secondary course. On this aspect, two batches of students of Agricultural Extension Service Provider from GVHSS Tavanur and Microirrigation Technician from GVHSS Mananthavady had undergone a weeklong training on multiple facets targeting more on hands-on practices. The trainings focused on major avenues of agriculture development, scientific approaches to farming, technology assessment and refinement techniques, upscaling and outscaling procedures for technology adoption, simulation on training implementation, irrigation water management, micro-irrigation systems, laying out of drip and the like. Students were taken to fields for acquainting with OFT in practice. Drip lines were laid out by the students in KVK’s plot under technical supervision of Scientists from KVK. Dr. Jasna V.K. coordinated Agricultural Extension Service Provider course of GVHSS Tavanur and Er. Priya G Nair coordinated Micro-irrigation Technician course of GVHSS Mananthavady.





KVK-Mandya

Integrated Crop Management in chrysanthemum

A field day was conducted by ICAR-Krishi Vigyan Kendra, V.C. Farm, Mandya on frontline demonstration entitled “Integrated Crop Management in Chrysanthemum” at Menagara, Melukote Hobli, Pandavapura Taluk on dated 09-01-2023. In Pandavapura 90 per cent of the farmers have growing chrysanthemum flower crop as loose flower which yields least quality and yield with highest investment on chemical sprays. The presidential speech was given by Dr. Raghupathi, ADE, ZARS, VC Farm insisted farmers to crop according to the market demand. Dr. Naresh, N. T., Senior scientist and Head, explained the importance of soil testing and integrated soil management practices to the gathering. During the program Dr. Divay, B. Scientist (Horticulture) explained about ways to cut down the unnecessary cost investment, importance of integrated crop production technology to obtain better quality and quantity. IPM technologies advisory was given by Dr. Pavithra, S. (Plant protection Scientist) and suggested that adaptation of biocontrol methods to control chrysanthemum pest and diseases.



KVK-Mysore

Training Programme – Horticulture Nursery

Training programme has been organized on integrated crop management in Horticulture crops at Kasuvinahalli village Nanjunagud Taluk in collaboration with by ITC, Myrada on 05.01.2023.

During the programme Dr. G.M. Vinay, Scientist (Horticulture) explained about ICM practices on horticulture



crops and maintenance of nursery. Film show has been organized to show various nursery techniques viz., seedbed and nursery beds, collection and planting of mother plants, storage of dried, cleaned soil and compost manure, production of flower seeds, storage of propagated plants in nursery beds, manuring, watering, drainage and packing and handling etc.,

Training Programme on Climate smart agriculture practices in Paddy

Training programme on climate smart agriculture practices in paddy has been organized on 10.01.2023 at Hulimavu, Nanjangud taluk in collaboration with MYKAPS, Mysuru. During the programme Sri. Shamaraj, Scientist (Agronomy) explained about 7

steps for climate smart agriculture practices for paddy growing. Starting from soil preparation before rising crop by ploughing and



leveling. Selection of seed play a vital role for good crop. Manuring at different stages of crop, water management, weeding and harvesting techniques were taught.



KVK-Palghat

Check dam construction in Bharathappuzha under NICRA project

The NICRA project is being implemented by KVK Palakkad in Pattithara panchayath. The Pattikkayal watershed was selected for implementation of the project. Six padashekharms are coming in this area. A total of 180 ha of land is under paddy cultivation in this area. Once the rain recedes, the area depends on lift irrigation in Bharathappuzha. But the water in the river where lift irrigation is installed is less and not sufficient for continuously irrigating the fields. A temporary check dam near the lift irrigation can improve the water level. A check dam was constructed across the river using sand bags under NICRA project. The NSS volunteers from Thrithala Government college, final year students from College of Agriculture, Vellanikkara, Kudumbasree members and MGNREGS participated in the programme.



Scientific Advisory Committee meeting of KVK Palakkad

The 25th Scientific Advisory Committee meeting of KVK Palakkad was conducted on 13.01.2023. Dr. Jacob John, the Director of Extension chaired the meeting. Dr.Thimmappa, Principal scientist, ICAR- ATARI Bengaluru and Nodal officer, KVK Palakkad attended the meeting and gave valuable suggestions and necessary advices. Dr.P.Raji, Associate Director of Research, RARS Pattambi, representatives from Agriculture and allied departments, NABARD, Lead bank and farmer's representatives participated in the meeting. The action taken report on recommendations of last SAC, overall progress report and action plan for next year was presented by Dr.Sumiya,. K.V., Programme co-ordinator, KVK Palakkad. This was followed by an active and fruitful discussion from the participants. Concluding remarks were offered by Dr.Thimmappa, nodal officer and Dr.Jacob John, Firector of extension. The KVK Times Vol.I issue 34, compiled by KVK Palakkad was released during the programme. Newsletters, crop inventory on paddy and leaflets prepared by KVK were published during the programme. After the meeting, new training hall set up at the roof top of office building was inaugurated by the Director of Extension. A field visit was also conducted to banana field of Sri. Lukman at Vilayur where, FLDs on 'Demonstration of string support system in banana' and 'Demonstartion on IPM for pseudostem weevil in banana' were taken up.





KVK-Pathanamthitta

KISAN Mela to promote natural farming concept

ICAR KVK, Pathanamthitta in collaboration with the Department of Agriculture & Farmers Welfare, Government of Kerala and Malapally block panchayat organized Kisan Mela to create awareness on Natural Farming on 13th January 2023. The programme aimed to popularise the four pillars of natural farming, jeevamrutha, beejamrutha, Acchadana (mulching) and Whapasa (moisture) among the farming community. As part of this, various events such as seminar, awareness programme, method demonstrations, exhibition was conducted at Malappally block level. The programme was inaugurated by Adv. Mathew. T. Thomas, MLA. In his inaugural address, he stressed on the importance of natural Farming for preserving soil health for future generations.

The platform also paved way for showcasing the naturally grown produces of farmers. Mrs. Bindhu Chandramohan, president, Malapally Block Panchayat presided over the function. During her speech, she emphasized that Malapally Block Panchayat is committed to implement the concepts of Natural Farming at the Block level with Krishi Vigyan Kendra & Department of Agriculture corporation.

Dr C.P. Robert, Senior Scientist & Head, KVK, Pathanamthitta in his introductory speech pointed out the current prospects of the Central Government Natural Farming Scheme and the scope of Natural farming. A farmer seminar on the topic “Natural Farming: A New Dimension for Sustainability and enhanced Farmers Income” was lead by Sri. Vinod Mathew, SMS(Agronomy) , KVK, Pathanamthitta. On the occasion Sri. Omanakumar, Natural Farming promoter demonstrated the preparations of various bioproducts used in natural farming.

The exhibition included the exhibits of KVK’s bio products, bio inputs of Agriculture Research Station, Thiruvalla, farm machineries of KAMCO and farm produces of farmer groups of different panchayats of Malapally block. The programme indeed helped in creating mass awareness among the farmers about the necessity of adopting natural farming . More than 100 farmers reaped the benefit of the programme.





KVK-Raichur

Demonstration of Solar Tunnel Dryer in Chilli crop

Entrepreneurship development programme on Pineapple Jam and Candy preparation was organized by ICAR- Krishi Vigyan Kendra, Shivamogga in collaboration with Department of Agriculture (ATMA), Sagara, on 04.01.2023 at Talguppa, Sagara taluk. The programme was inaugurated by Mr. Kashinath Y. Ontekor, Assistant Director of Agriculture, Sagara. During the programme, Dr. Jyoti. M. Rathod, Scientist (Home Science), Krishi Vigyan Kendra, Shivamogga gave information about the nutritional importance, health benefits and uses of pineapple. She also discussed the marketing strategies and market demand of value added products of pineapple. She explained the procedure for preparation of pineapple jam and candy with the method demonstration. Shri. Vinayak Rao, Shri. Pradeep Kumar, Shri Panduranga, Smt. Nagarathna and Smt. Umadevi were also present. Totally 50 woman participated and benefitted from this programme.



KVK-Shivamogga

Entrepreneurship Development Programme on Pineapple Jam and Candy preparation

Entrepreneurship development programme on Pineapple Jam and Candy preparation was organized by ICAR- Krishi Vigyan Kendra, Shivamogga in collaboration with Department of Agriculture (ATMA), Sagara, on 04.01.2023 at Talguppa, Sagara taluk. The programme was inaugurated by Mr. Kashinath Y. Ontekor, Assistant Director of Agriculture, Sagara. During the programme, Dr. Jyoti. M. Rathod, Scientist (Home Science), Krishi Vigyan Kendra, Shivamogga gave information about the nutritional importance, health benefits and uses of pineapple. She also discussed the marketing strategies and market demand of value added products of pineapple. She explained the procedure for preparation of pineapple jam and candy with the method demonstration. Shri. Vinayak Rao, Shri. Pradeep Kumar, Shri Panduranga, Smt. Nagarathna and Smt. Umadevi were also present. Totally 50 woman participated and benefitted from this programme.





KVK-Shivamogga

Capacity development programme on production of areca husk peel compost

ICAR - Krishi Vigyan Kendra, Shivamogga organized capacity development programme on production of areca husk peel compost on 06.01.2023 at KVK, Shivamogga. Dr. B. C. Hanumanthaswamy, Senior Scientist and Head, KVK, Shivamogga given introductory speech and welcomed everyone. In his speech he explained the effect of excess use of inorganic fertilizers and chemicals on environment and soil fertility. Due to excess use of chemical fertilizers the soil quality is degrading day by day hence he advised the participants to use more of organic fertilizers so that soil fertility will be improved simultaneously. He also stated that, the arecanut husk peel produced after processing is dumped on roadside which will affect the environment drastically. Hence suggested to produce the compost using the arecanut husk peel and use it in the farm. The programme was inaugurated by Dr. B. Hemla Naik, Director of Extension, KSNUAHS, Shivamogga and delivered inaugural speech. He told to concentrate on improving soil fertility by adopting organic farming by using compost, FYM, green manures and bio-fertilizers so that, soil micro organisms in the soil will be protected and its survival per cent will be increased.

He also suggested the participants to use areca compost under protected structures like green house and also gave information about other uses of areca compost. The chief guest of the programme, Dr. Thippesha, D., Professor and Head, Dept. of Horticulture, College of Agriculture, Shivamogga, gave information about the importance of areca compost and advised the participants to avoid wasting of the areca husk and convert it into compost as well as sell the product and get additional income out of it. The presidential speech was given by Dr. S. U. Patil, Associate Director of Extension, KSNUAHS, Shivamogga. He explained the growing demand and spreading area of arecanut crop now a days. He also gave information about the composition and nutrient content of areca husk peel. Hence produce areca compost which contains lot of nutrients which will help to improve soil fertility level. During the programme, Dr. Basavaraj, M., Scientist (Agronomy), Dr. Nagaraj, R. Programme Assistant, Staff of KVK Shivamogga were also present. Totally 37 participants benefitted from this programme.





KVK-Trissur

On-The-Job (OJT) training programme

” If all I do is here, I will forget. If I hear and see, I will remember. If I hear, see and do, I will understand.”

In Kerala, the youth account for around 23 percent of the State’s population, and the unemployment rate among youth is 36.9 percent in rural areas and 33.8 percent in urban areas. To bridge the unemployment gap, along with imparting education, there is a need for practical approaches in acquiring new competencies and skills needed for a job in a real, or close to accurate, working environment. There is a need to develop quality tertiary education by providing alternative opportunities to strengthen the knowledge acquired in the classroom. Thus, there is an utmost need to provide On-The-Job-Training (OJT) from the school level. On-The-Job-Training Program helps students develop essential skills and abilities that support professional studies and prepare them for work.

KVK Thrissur conducted on-the-job training (OJT) on an array of topics like agricultural extension service provider, floriculturist open cultivation, vegetable grower, organic grower and interior landscaping for around 227 students from Thrissur and Idukki districts. They were trained in good agricultural practices for increasing production, productivity and income from agriculture and allied sectors on a sustainable basis. Subject-specific theory sessions, hands-on training, fieldwork, visits, and skill development sessions were conducted to build the students' capacity. As individuals, they were also empowered to assist the farmers in establishing forward and backward linkages to increase agricultural production. With the unemployment scenario in the background, on-the-job training assures promising agripreneurs for the future.





KVK-Trivandrum

Self-employment training in developing entrepreneurship and credit linkage in rural youth

ICAR- Krishi Vigyan Kendra Mitraniketan organised sponsored training to rural youth on “Spawn Production & Cultivation of Oyster, Milky Mushroom and its Value Addition” for one batch with 20 participants during 8th to 20th December 2022 with the support of IOB-RSETI Thiruvananthapuram.

Training module included all the aspects of mushroom cultivation and spawn production with objectives to popularize mushroom production as an income generating activity, to create employment opportunity, production of value-added products and to process the mushroom spent waste scientifically. Sessions on advantages over wage employment, entrepreneurship development, entrepreneurship competencies, lending schemes of agricultural sector, business plan and preparation of projects were handled by banking officials.

Detailed sessions on composting, selection of appropriate and important types of mushrooms, its cultivation, spawn production techniques were also covered during this skill development programme. The participants were issued certificates on completion of 10 days’ training programme. Mushroom cultivation is a lucrative venture, which can be started and sustained with minimal material and monetary inputs. The skill and orientation needed for this was diligently imparted to the trainees during 10 days’ training module. The enthusiasm of the participants coupled with strong technical backstopping from ICAR KVK, Mitraniketan would render a solid foundation for this venture. The trainees have already started their venture on a trial basis and are sure to make huge strides in the days to come.





KVK-Tumkur1

Skill training program for rural youths on Friends of Coconut Tree

ICAR KVK Konehalli organized Friends of Coconut Tree training programme for rural youth in association with Coconut Development Board, Bangalore from 2nd January to 6th January 2023. The program was inaugurated by Dr. V. Govinda Gowda, Senior scientist and Head, KVK, Konehalli and addressed the importance of FoCT in this present situation and also mentioned the schemes available under CDB. The resource persons from HRES, Arsikere, KVK, Konehalli, and FPO, Kunigal trained the participants regarding Coconut climbing techniques, Coconut harvesting operations and crown cleaning aspects, Pollination and hybridization techniques, Plant protection measures, Identification of tender nut, mature coconut and seed nut, Developing Leadership quality and communication skills, Entrepreneurship development skills, Thrift/Savings management. Totally 20 rural youths were participated and received the certificates along with the climbing machines.



KVK-Tumkur2

Scientific Bee Keeping Training programme

ICAR-Krishi Vigyan Kendra, Hirehalli organized “Scientific Bee Keeping Training programme” at Turuvakere Taluk, Tumakuru District on 3rd January 2023. About 50 bee boxes were distributed to 100 SC farmers of Swarna Bhoomi FPO. This programme was supported by SCSP scheme of ICAR-National Bureau of Agricultural Insect Resources (NBAIR) through ICAR Agricultural Technology Application Research Institute (ICAR-ATARI), Bengaluru. Sri Shanti Veeraiah, Eminent bee keeping expert delivered lecture on Scientific Bee keeping along with practical guidance. Dr. N. Loganandhan, Principal Scientist & Head, KVK, Hirehalli motivated the farmers to strengthen the FPO for availing further facilities like bee keeping.



Training on Honeybee keeping



Demo on Honeybee Keeping



KVK-Tumkur2

Field Day on Redgram

For demonstration on improved production practices in Redgram, ICAR-Krishi Vigyan Kendra, Hirehalli organized a field day on redgram at Hanumanthanahalli, Village of Y.N.Hosakote Hobli in Pavagada Taluk, Tumakuru District on 6th January 2023. This field day was conducted under National Food Security Mission (NFSM) scheme in clustered front line demonstration mode. The farmer has demonstrated a new variety BRG-5 along with technologies like use of micronutrients spray, application of Neem Soap spray and other need based insecticides to protect the crop from various disease and pests. In this programme, Dr. N. Loganandhan, Principal Scientist & Head, KVK, Hirehalli participated and briefed on improved production practices of Redgram along with activities of KVK, Hirehalli. This programme was conducted in collaboration with ULUME Farmer Producer Organization (FPO) where around 30 farmers and farm women were participated. The event was coordinated by Dr.Somasekhar, Subject Matter Specialist, KVK, Hirehalli and Mr. Bommalingappa, CEO, ULUME Farmer Producer Organization (FPO).



Awareness on Redgram Cultivation



Redgram Plot

Training Programme Friends of Coconut Tree

Six days on campus skill training programme on “Friends of Coconut Tree-Plant Protection aspects on coconut including harvesting using the climbing device”, was organized at ICAR Krishi Vigyana Kendra, Udupi from 09.01.2023 to 14.01.2023, which was sponsored by Coconut Development Board, Regional Office, Bengaluru.

The programme was inaugurated by Dr. Aravazi, Director CDB, Regional Office, Bengaluru on 09.01.2023. In his inaugural address, training programmes are conducted to mitigate the problem of unemployment and to create more skilled workers in the field of agriculture. He requested to participate with more interest so that knowledge during the training programme can be dispersed to the farmers.

Dr. Sudheer Kamath, Principal, College of Agriculture Diploma and the chief guest of the programme suggested the importance of skill training in Agriculture.

After the introduction of the participants, Dr. Dhananjaya, B., Senior Scientist and Head, ICAR, Krishi Vigyan Kendra, Udupi said that after undergoing such skill training programmes, the participants may work during their leisure time and also improve their income.

The Director, Kundanadu FPO, Sri Santhosh Kumar Shetty Ballady in his remarks, said that agriculture requires more skilled workers and agriculture can be made profitable only if the agriculture produces are value added and branded under FPO. He also stressed on activities in value addition need to be taken up by FPO's for doubling farmers income. Dr. Lakshman, Associate Director of Research, Zonal Agricultural and Horticultural Research Station, Brahmavar, emphasized the participants to form a coconut harvester's group in a village and cater the needs of the coconut farmers, as here is deficit of coconut harvesters in the district.



**KVK-Uttara Kannada****Skill Development Training Programme
on Horticulture Crop Nursery**

Three Days Skill Development Training Programme was organized at ICAR-Krishi Vigyan Kendra, Uttara Kannada, Sirsi on Horticulture Crop Nursery under ARYA Project (Attracting and Retaining Youth in Agriculture) from 9th to 11th January 2023. The inauguration function was organized on 09.01.2023 at KVK, Sirsi, Dr. Shivashenkarmurthy M, Scientist (Agronomy), highlighted on importance and benefits of skill development training programme. With the help of the training and benefits of project interested participant can become entrepreneurs by practicing horticulture crop nursery as successful entrepreneurship. Dr. Ravi Y, Scientist (Home Science) emphasized on ARYA guidelines, importance and implementation of the project. The training programme was inaugurated by Dr. B. P. Sathish, Deputy Director of Horticulture, Sirsi, encouraged the youths to develop entrepreneurship in agriculture fields and ARYA project is one of the scheme to build entrepreneurs in nursery and highlighted the schemes and subsidies. Shri. Nataraj T. H., Deputy Director, Department of Agriculture, Sirsi, told about One District One Product (ODOP) and opportunities of entrepreneurship, availability of various schemes and facilities from the Department of Agriculture. The rural youth trained comprehensively on Nursery and also arranged exposure visits. Total 30 Participants were attended and benefited from the programme.

**KVK-Vijapura I****Efficient use of pumpsets in
Agriculture to save electricity**

A training programme was organized at ICAR-Krishi Vigyan Kendra, Vijayapur on BEE (Bureau of energy efficiency) star labeled energy efficient pump sets and water conservation to the farmers of Vijayapur district sponsored by Karnataka renewable energy development limited, Bengaluru on 09.01.2023 at KVK training hall, Vijayapur. The programme began with the introductory remarks by Dr. Shubha, S., Senior Scientist and Head, Krishi Vigyan Kendra, Vijayapur. The programme was inaugurated by Dr. R. B. Belli, Associate Director of Extension, AEEC, Vijayapur. In his inaugural speech Dr. Belli advised the farmers to make use of natural resources judiciously to save electricity. Excess use of water in the form of flood irrigation is leading to salinity of soils and also wastage of electricity. He also advised the farmers to make efficient use of micro irrigation systems in their farms. Wastage of resources can be saved if each one of us takes the responsibility to save the energy. Another chief guest of the programme Smt. Savita Methi, ATO, KREDL regional office, Hubli suggested the farmers to begin saving of energy from house hold level and also efficient use of pump sets to save electricity. Habits need to be inculcated in children from young age itself to avoid wastage. Dr. Shivangouda Patil, ADA, DATC, Vijayapur advised the farmers that solar energy needs to be used to save electricity in agriculture sectors. Further lectures were delivered on BEE star energy efficient pump sets and selection and use of star rated energy efficient electric pump sets for the benefit of farming community by Dr. M. S. Shirahatti, Dr. Ramesh Beerge and Dr. Vivek Devaranavadagi. Nearly 107 farmers were participated in the programme.



KVK-Waynad

Exhibition Programme of Pooppoli 2023

ICAR- KVK Wayanad in association with RARS Ambalavayal conducted 15 days exhibition programme as part of International Flower Festival 2023 at Ambalavayal. Seminars on various crops and its cultivation and aspects were conducted in connection with the programme. Exhibition Stalls from various departments/ organisations were also exhibited. Inauguration of the stalls were done by Sri. I.C. Balakrishnan, MLA, Sulthan Bathery. Dr. Jacob John, Director of Extension , Kerala Agricultural University, Smt. Hafsath C.K, Ambalavayal Grama Panchayath President, Sri. C Asainar., Sulthan Bathery Block Panchayath President made their valuable presence.



Helping hands to SC families

KVK Wayanad conducted one day training and awareness programme to SC farmers as part of SCSP programme. The programme aims on technological intervention to strengthen food, nutrition and livelihood security to scheduled caste beneficiaries through integrated farming approach. Dr. Safia N.E, Programme Coordinator welcomed the gathering. The programme was launched by Smt. Sheela Punchavayal Nenmeni Grama Panchayath President at Chittorkunnu belonging to Nenmeni panchayath. Smt. Jayalalitha Vijayan, Ward member delivered presidential address. Classes on pest and disease management of banana and goat rearing were dealt by the faculties of KVK Wayanad. Distribution of goat, biocontrol agents and vegetable seedlings were also done to the selected SC beneficiaries. Vote of thanks was delivered by Dr. Deepa Surendran, KVK Wayanad.





KVK-Yadgiri

Krishi Sakhi Training Programme at ICAR-KVK, Yadgir

ICAR-KVK, Yadgir in collaboration with Sanjeevini-Karnataka State Rural Livelihood Promotion Society, Department of Skill Development, Entrepreneurship & Livelihood, Karnataka organised 6 days 'Krishi Sakhi' training programme from 2nd to 7th January, 2023 at KVK, Kawadimatti. The programme was inaugurated by Dr. B.M. Doddamani, Associate Director of Research, UAS, Raichur and emphasized the role of Krishi Sakhi to enable the last mile coverage in rural areas where farm based services for agriculture activities is not available on time or highly expensive to afford for rural farmer.

He also envisaged to create awareness and capacity building on agriculture activities, facilities and formation of FPO, marketing of agriculture produce on real time basis with high bargaining power in farming organisations. Senior Scientist and Head, ICAR-KVK, Yadgir, Dr. Jaiprakash Naryan R.P., also highlighted the strong extension network of Krishi Sakhi workers who are the community based and accountable to the farming community. 30 Krishi Sakhi workers were participated and benefited from the training programme.





Activities of KVK-Ramanagara



BRG-3 Redgram field



Baragu field



Coconut RB traps installation



Azolla cultivation



Seed treatment



Scientific fish farming

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