



# KVK TIMES



A window to KVKs of ICAR- ATARI, Zone XI, Bengaluru

Vol -01 Issue 21  
01-15<sup>th</sup> May, 2022

75  
Azadi Ka  
Amrit Mahotsav



**ICAR-AGRICULTURAL TECHNOLOGY APPLICATION RESEARCH  
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**KVK  
Times**



**Dr. K.N. Kattimani**  
**Hon'ble Vice-Chancellor, UAS, Raichur**

## *FOREWORD*

I am extremely happy to note that ATARI, Bengaluru has come up with a unique idea to bring out 'KVK TIMES', a fortnightly e-Newsletter to showcase the activities carried out by each of the KVKs in Zone XI. Krishi Vigyan Kendra's are the face of the Agricultural Universities/ other Agricultural related institutes that play a pivotal role in dissemination of agriculture technologies to the farmers. ICAR-KVKs are district level nodal agencies involved in transforming farmers' livelihood and economy. These are knowledge resources centers striving hard for economic sustainability and eco-friendly management of resources by providing quality seeds/seedlings/bio-agents and also eco-friendly technologies to the farming community.

It gives me immense pleasure to know that ICAR-Krishi Vigyan Kendra, Kalaburgi-II (Raddewadgi) is bringing out the KVK Times 21st issue (fortnightly). I would like to express my best compliments to Dr. Venkatasubramanian, Director, Zone XI, ATARI, Bengaluru and all the staff of Zone-XI KVKs for their efforts in sharing the valuable information and the achievements in this issue of KVK Times.

I appreciate the sincere efforts of Senior Scientist & Head of ICAR-KVK, Kalaburgi-II (Raddewadgi) and his team for compiling the 21st issue of KVK times.

  
**[K.N. Kattimani]**

# KVK Times



**Dr. V. Venkatasubramanian**  
Director , ICAR-ATARI, Bengaluru

## FOREWORD

The institution of Krishi Vigyan Kendra, since its very beginning in 1974, has proved to be an important mechanism in the process of technology dissemination from research laboratories to the farmers and end users. The KVKs are an effective mechanism for technology assessment, technology refinement and technology demonstration keeping in mind its relevance to the needs and resource endowments of the farming.

KVKs are the focal points in each district from where information, knowledge and technology will flow to various end-users through effective partnerships. KVK TIMES which documents fortnightly activities of KVKs of the Zone- XI is well received by the stake holders. Most of the news items published in the 'KVK TIMES' has got the potential of cross learning among KVKs and worth reading.

The fortnight (01-15th May, 2022) in this issue of KVK Times coverage of National Level World Bank Assisted "REWARD" launch programme was live telecasted by ICAR-Krishi VigyanKendras, on 08.05.2022. The Programme was witnessed by Minister of Rural Development & Panchayati Raj GirirajSinghji, Minister of State for Agriculture and Farmers' Welfare ShobhaKarandlaje, Chief Minister of Karnataka Sri. BasavarajBommai, Agricultural Minister Sri. B.C. Patil and dignitaries was the main highlight during the period.

I acknowledge with gratitude, the support and guidance given by Dr. K.N. Kattimani, Hon'ble Vice-Chancellor and Dr. D.M. Chandargi, Director of Extension, UAS, Raichur to strengthen the KVKs of UAS, Raichur.

I appreciate and congratulate KVK Kalaburgi-II (Raddewadgi) team for bringing out the 21th Edition of 'KVK TIMES'.

**[V. Venkatasubramanian]**



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Times**



**Dr. D.M. Chandargi**  
**Director of Extension, UAS, Raichuur**

## ***MESSAGE***

We are celebrating Azadi Ka Amrit Mahotsav to commemorate 75<sup>th</sup> year of Indian Independence. Country has achieved remarkable growth in agriculture in terms of production and productivity from an era of ship to mouth at the time of independence to self sufficiency in food production and to the position of exporting various agricultural /horticultural /dairy and other products to the different countries of the world. The contribution of agriculture extension system in growth of Indian agriculture is indelible and KVKs as Front Line Extension Institutes are playing a major role as agriculture knowledge and resource centres at district level across the country.

Documentation of various activities carried out by KVKs of the Zone-XI is an important task and this will help in retrieval of technologies in agriculture. In this regard the novel idea of ATARI, Bengaluru to bring out 'KVK TIMES' regularly, documenting the work of all the KVKs in Zone-XI is highly appreciable. This would serve as a ready reference for accessing important milestones achieved in the zone. My best wishes are with KVK, ICAR-KVK, Kalaburgi-II (Raddewadgi) for compiling and editing this issue of 'KVK TIMES' for 01-15<sup>th</sup> fortnight of May 2022. I compliment the entire team for covering important events and activities of Zone-XI KVKs in this issue.

A handwritten signature in blue ink, appearing to be 'D.M. Chandargi', written on a light-colored rectangular background.

**[D.M. Chandargi]**

**KVK  
Times**



**Dr. N. Manjunatha  
Sr. Scientist & Head, ICAR-KVK, Kalaburgi-II**

## *MESSAGE*

It gives me an immense pleasure to express profused and heartfelt thanks to Dr. V. Venkatsubramanian, Director and the Nodal officer Dr. M.J. Chandregowda and staff of Zone-XI, ATARI, Bengaluru for providing us an opportunity to compile and bring out KVK times for the fortnight from 1-15<sup>th</sup> May, 2022. I also sincerely thank Dr. K.N. Kattimani, Hon'ble Vice Chancellor, UAS, Raichur for his constant encouragement and support for the KVK.

It's my privilege to extent my gratitude to our beloved Director of Extension Dr. D.M. Chandargi for his motivation and guidance in compiling 21<sup>st</sup> issue of KVK Times.

I acknowledge my sincere thanks to our team KVK for their involvement in bringing out this issue most proficiently and also I whole heartedly thank KVKs of Zone -XI for contributing information to this issue.

**[N. Manjunatha]**

## ICAR- ICAR-KVK, Kalaburgi-II (Raddewadgi)



### Three days Capacity development Programme for Raita Sahayaks

A unique on campus development programme was organized from ICAR-KVK, Kalaburgi-II (Raddewadgi) in collaboration with NGO Center for sustainable development based at Bengaluru and KSDA, Jewargi from 12-14<sup>th</sup> May 2022. In this programme totally 30 progressive and youth farmers of pigeonpea cultivator were trained by KVK, Scientists Dr. N. Manjunath and Dr. Basavaraj on different topics viz., Natural farming concept and practices, Organic farming and Certification of organic products .

Dr. B.S. Ganiger, Asst. Prof. (Seed Sci. & Tech), College of Agriculture B'Gudi delivered lecture on quality seed production and precaution to be taken during processing of the pulses.

In this program progressive and organic farmer Shree Ayyan Channapagol shared experience of organic farming practices with the fellow farmers and also difficulties of marketing organic products.

Dr. R. Srinivas, CEO, CSD, Bengaluru addressed farmers regarding Raita Sayahak Application development and utility. Roles and responsibilities of Raita Sayahaks utilize the application for better marketing of organic pulses to various stakes holders. He also addressed the gathering by giving case studies in various other crops.

Shree. Basavaraj Biradar, BTM, KSDA, Jewargi briefed difficulties faced by the farmers for selling the marketable produce and also explained about ways to overcome.

Shree. Yeshwanth, Technical Assistant from CSD, Bengaluru demonstrated Raita Sayahak App practically to the farming community and final day participations certificates were issued

## ICAR- ICAR-KVK-ALAPPUZHA



### Portable Biogas Units for energy production through organic recycling

An annual saving of 2 LPG cylinders (Rs. 2100/-) and crop production worth Rs. 18000/year could be made possible by installing a 1000 litre portable biogas unit in a homestead as demonstrated by the KVK in the NICRA project villages in Kuttanad region. This technology helps to achieve the triple targets of recycling of organic residues, energy generation, and crop production in homesteads without any additional costs. A total of 74 farmers who were partners of this technology demonstration in Muttar and Edathua villages of the region endorse these advantages. The portable biogas unit of 1 m<sup>3</sup> (1000 litre) costing Rs. 15000 was provided to the partners on cost sharing basis. On filling with cow dung slurry during installation, it starts producing gas from the 8<sup>th</sup> day onwards and continues with the input of homestead organic wastes alone. The technology is highly relevant in the present scenario of increasing price of LPG cylinders which smaller families could not afford. Using the slurry produced as organic manure, the partners could cultivate safe to eat vegetables and fruits even in small land area or in the terrace. The farmers were familiarized with biogas unit maintenance, and utilization of the slurry for vegetables, banana, fodder and coconut production which could lead to homestead nutritional security. On realizing the advantages, the technology is getting spread from the partner farmers to new homesteads.

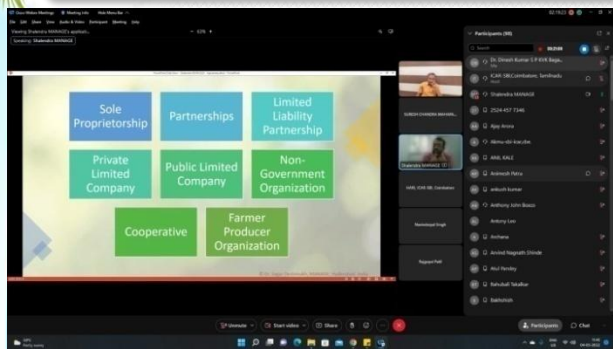


### Rise of a woman farmer entrepreneur through KVK mentoring

Smt. Jameela, a 52 years old enthusiastic woman farmer, was one of the frequent visitors to KVK to seek technical advice to develop her small 0.4 acre marshy land in Kayamkulam Municipality to a model of IFS unit. She procured layer chicks from KVK, learnt the rearing techniques of apiculture, and attended training programme on goat farming. On visit to her farm, scientists from KVK realized the potential of the plot for developing to an integrated farming system with compatible and economic components. As the land holding size was small, she was advised to rear male buffalo instead of dairy cattle as the surrounding area was water logged. She has gradually added a goatery unit, poultry unit, and duck unit, and arranged a fish pond in 3 cents along with cultivation of banana, tubers and vegetables in her plot taking technologies and advices from the KVK. Now she has 30 coconut palms, 50 banana plants, 2 male buffalos, 75 layer chicken, 50 ducks, 17 goats, 5 boxes of stingless bee, and a fish pond in 3 cents area, along with vegetables, pepper, ginger, turmeric, and tuber crops. She sells 50% of nuts as tender coconut @ Rs.30/nut (against only Rs.20 per mature nut) and the customers harvest the tender coconut themselves with ready cash payment. She also sells Nendran banana, *Kasthuri* turmeric and ginger at premium prices. On an average, daily 100 eggs are sold from her farm. She has availed an additional 5 cents land on lease for cultivation of vegetables also. By resorting to catching and selling of the traditional fish varieties live from the fish pond, she gets a reasonable income.

## ICAR- ICAR-KVK- BAGALKOT

## ICAR- ICAR-KVK-BALLARI



### HRD Activities Attended

Online training program on Good Agricultural Practices in Onion and Garlic Production was organized by ICAR DOGR, Rajgurunagar in collaboration with MANAGE, Hyderabad for 4 days duration (02.05.2022 to 06.05.2022) for which Dr. Airadevi Angadi, scientist (Horticulture) ICAR-KVK, Bagalkot was nominated and successfully completed the program. Dr. Airadevi Angadi, scientist (Horticulture), attended online training program on National conference on Promotion of Kisan Drones: Issues, Challenges and Way forward on 02.05.2022 organised by ICAR, New Dehli which was inaugurated by Honorable Agriculture Minister GOI. Dr. Dinesh Kumar S P, Scientist (Agronomy) attended online Training Programme on Sugar Cane Based Agripreneurship (Collaborative), ICAR-Sugarcane Breeding Institute, Coimbatore in collaboration with MANAGE, Hyderabad from 04-05-2022 to 06-05-2022.

A Radio talk given on 11.05.2022 to farmers of the Bagalkote district at BEC Dhvani, Community



Radio station, Vidyagiri, Bagalkote **Mr. Basavaraj Nagaleekar (SMS Agro meteorology)** explained to farmers about weather, climate, what is GKMS project, Objectives of GKMS project, details about DAMU, Weather based Agro-advisories and details about Agro-advisory bulletins.



### An initiative to include fig rolls in Anganwadi Menu of Ballari District

A meeting was held at District Commissioner's office, Ballari on 12.05.2022 to make changes in the menu of Anganwadi children to meet out the Recommended Dietary Allowances (RDA) and to reduce the number of Moderately Acute Malnourished (MAM) children which is of major concern in the district. District Commissioner Sri. PavanKumar Malpati, CEO of ZillaPanchayat Sri. Lingamurthy, Deputy Director of Department of Women and child Development Sri.Nagaraj and CDPO's and MSPCT members, other staff of WCD department were present during the meeting. Dr. Shilpa H, Scientist (Home Science) of ICAR-KVK, Ballari participated as a resource person to give her inputs regarding the changes need to be done in the menu provided in the anganwadis of the district. She has suggested including fruits and vegetables as a part of the menu as they are missing in the foods being provided to the children. She has also suggested including fig rolls produced by SHGs promoted by KVK under Entrepreneurship Development Programme in few anganwadis as pilot mode. Since fig rolls are rich in energy, fibre, iron, calcium, potassium and antioxidants, providing fig rolls can contribute to improving nutritional status of the children. She has also made a point that farmers can also be benefitted by this initiative of buying fig products made by the farmers and Self Help Groups, since fig is ODP crop of the district. District Commissioner gave positive response for the suggestions and asked the committee to provide the brief report on benefits of providing the fig rolls in terms of nutrition and the price.

**ICAR-KVK, BELAGAVI-II****ICAR-KVK, CHAMARAJANAGAR**

### LAUNCH OF NATIONAL LEVEL WORLD BANK ASSISTED "REWARD" PROGRAMME

ICAR-KLE KVK Mattikopp arranged live telecasting of National Level Launch of World Bank Assisted "REWARD" Programme by Shri Giriraj Singh, Hon'ble Minister of Rural Development and Panchayat Raj, GoI, Inauguration of Centre for Excellence (COE) under "REWARD" programme and Launch of 100 Krishi Sanjivini vehicles by Shri Basavaraj S. Bommai, Hon'ble Chief Minister of Karnataka, Launch of uniform Branding contest for FPO products by Kumari Shobha Karandlaje, Hon'ble Minister of State for Agriculture & Farmers Welfare, GoI and award for Best Producer Organizations programme held at Dr. Babu Rajendra Prasad International Convention Centre, GKVK, Bengaluru on 8 May, 2022. As part of the programme S.M. Warad, Scientist (Soil Science) imparted training on watershed approaches for rural development. He briefed on soil and water conservation measures comprising bunding structures like contour bunds, graded bunds, zingg conservation; inter terrace land management practices like scooping, across slope cultivation, deep ploughing, rubble checks, check basin and water harvesting and recycling structures like farm ponds to be taken up in arable areas. In addition, he explained various micro catchment in-situ water harvesting structures in non arable areas. Dr.S.S. Hiremath, Scientist (Plant Protection) highlighted various pest and diseases occurring on *kharif* crops alongwith control measures. Around 50 farmers witnessed the programme.



### CAPACITY BUILDING PROGRAMME ON FODDER CROPS CULTIVATION

Capacity building programme on Fodder crops cultivation and distribution of fodder seeds under SCSP and NICRA – National Innovations in Climate Resilient Agriculture was organized at Puttanpura village of Gundlupete Taluk on dt. **06.05.2022** by Indian Grassland and Fodder Research Institute, Southern Regional Research Station, Dharwad. The programme was inaugurated by village PACS Bank President Shri Rajashekrappa.

Dr. Shivakumar, Scientist, Southern Regional Research Station, Dharwad highlighted the importance of the fodder cultivation in the climate change scenario to enhance the income of small and marginal farmers in the country and distributed the fodder seeds to the farmers. Mr. Rajath H. P., SMS, Agrometerology, explained about the steps to be taken to combat the impact of climate change on agriculture and also briefed on the forecast services provided by DAMU through Whatsapp and suggested to make use of that.

Shri. Rajashekarappa, President, PACS Bank, appreciated the works and assured his support to all upcoming programmes to uplift the farmer's economy. Mr. Shivanna, Vice President, Grama Panchayath members Pavitra kumar, Chikkasiddayya and Mahadevappa were also participated in the programme.

Shri Basava Sagar, SRF NICRA project extended his vote of thanks to all the farmers and the dignitaries assembled. A total number of **54** farmers / farm women participated in the programme.

## ICAR-KVK, CHIKKABALLAPURA

## ICAR-KVK, DAKSHINA KANNADA



Mango fruit fly being the one of the major problem in mango, ICAR-KVK, Chikkaballapura organized a method demonstration on use of fruit fly traps in mango. Dr. Papireddy, Senior Scientist and Head explained about the importance of fruit fly traps and demonstrated the procedure of installation of traps in mango orchard. Dr. Venugopla Reddy, Scientist (Horticulture), KVK, Chintamani highlighted about post harvest management in mango. Dr. Tanweer Ahmed, Scientist (Agricultural Extension) emphasized on packing and direct marketing of mango to enhance the farmers share in consumer rupee.



Labour availability and cost being hurdle in agriculture, farm mechanisation plays an important role in overcoming the said problem hence, ICAR-KVK, Chikkaballapuracarried out demonstration on use of Post hole digger and rotovator for DAESI candidates. Dr.Papireddy, Senior Scientist and Head, KVK, Chikkaballapura explained about use and efficiency of farm equipments and experts demonstrated the procedure of use of post hole digger, rotovator.



### Farmers Field Day on Scientific Coconut Cultivation

The ICAR-Krishi Vigyan Kendra (Dakshina Kannada) Mangaluru has organized the **Farmers Field Day on Scientific Coconut Cultivation** at Daregudde village under the sponsored programme of Coconut Development Board (Ministry of Agriculture and Farmer welfare, Government of India) Regional Office, Bengaluru. During the Farmers Field Dayprogramme, Dr. Kedarnath, Scientist (Plant Protection)explained about scientific method of coconut cultivation practices and plant protection activities for effective management of pest and diseases. Dr. Mallikarjun, L., Scientist (Soil Science) from ICAR- KVK (D.K) Mangaluru participated as a resource person in the programme and delivered a lecture on scientific method of soil sampling , their uses and integrated nutrient and water managemnt in coconut. Mr. Manohar Shetty,Secretary, RajyaRaitSangh,Dakshina Kannada also participated in the programme and suggested the farmers to utilize the benefits and schemes available from the Coconut Development Board.In this programme, 31farmers/Farm women were participated in the programme. Mr.Listen Dsouza acted as resource peson and imparted skill oriented practical training on climbing of coconut trees by using palm climbing machine.

# ICAR-KVK, DAVANAGERE



## Conducted "Workshop on Natural Farming and Kisan Mela"

ICAR-Taralabalu KVK, Davanagere conducted "Workshop on Natural Farming and Kisan Mela" on 26-4-2022, on the occasion of Azadi Ka Amrith Mahostav. Live telecast of inauguration of this programme by Hon'ble Union Agriculture Minister Sri Narendra Singh Thomar was organized for the benefit of participating farmers. Special seminars were organized on:

- Importance of Natural Farming by Sri Raghava, Natural Farming Practicing farmer, Mallanayakanahalli, Harihara tq., Davanagere.
- Minor millets and Oilseed crops by Sri Sannagoudra H.M., SMS (Soil Scientist), ICAR-Taralabalu KVK, Davanagere.
- Bio-Fortified crops by Sri Basavanagowda M.G., SMS (Soil Scientist), ICAR-Taralabalu KVK, Davanagere.

Krishi Mela was organized on the occasion emphasising value added products of minor millets, traditional oil, traditional jaggery, fruits and vegetables grown and prepared by farmers were exhibited and sold. Demonstration on use of Drone technology in agriculture was organized. In all 375 farmers across the district participated in the event. The stage programme was organized in collaboration with ATMA project, Department of Agriculture and Department of Horticulture, Davanagere. Guests. The stage programme was organized in collaboration with ATMA project, Department of Agriculture and Department of Horticulture, Davanagere.

Guests. The programme was inaugurated by Sri S.T. Veeresh, Former Mayor and Sitting Member of Davanagere Municipality Corporation. Sri H.D. Maheshwarappa, Member, Taralabalu Rural Development Foundation, Sirigere presided the programme. Sri R. Thippeswamy, Deputy Director of Agriculture, Sri Raghavendra Prasad, Deputy Director, Department of Horticulture, Dr. Devaraja T.N., Senior Scientist Cum Head, ICAR-Taralabalu KVK, Davanagere, Sri G.M. Chandrashekarappa, Deputy Project Director, ATMA project, Davanagere, Sri Murugesapp H.B., Sri Itagi Shivappa and Sri C.T. Chandrappa, Members, Taralabalu Rural Development Foundation, Sirigere participated as Chief



## Conducted Demonstration on Integrated Crop Management in Arecanut

ICAR-Taralabalu Krishi Vigyan Kendra, Davanagere, conducted front line demonstration on Integrated Crop Management in Arecanut at Agasanakatte Village of Davanagere Tq. Mr. Basavanagowda M.G., Scientist (Horticulture), ICAR-Taralabalu Krishi Vigyan Kendra, suggested farmers to practice Integrated Nutrient Management to overcome the nut dropping and to achieve good yield. Seeds of Velvet beans were provided as a part of demonstration on nutrient management. Velvet bean, is a green manuring crop enriches the soil fertility and enhances the water holding capacity of the soil, addressed the farmers during the program.

**ICAR-KVK, DHARWAD**

### **Zonal Annual Review 2021-22 & Annual Action Plan 2022-23**

Zonal Annual Review 2021-22 & Annual Action Plan 2022-23 of Northern Karnataka KVK's was jointly organized by ATARI, Zone-XI, Directorate of Extension UAS Dharwad and ICAR-KVK, Dharwad from 21-23<sup>rd</sup> April 2022. Dr. V. Venkatasubramanian, Director, ICAR-ATARI, Bengaluru inaugurated the Workshop and expressed that even in the difficult times of COVID-19 and war situation in international context, agriculture sector of our country is meeting the food and nutritional security for the livelihood securities. Also mentioned that, KVK's of the countries have documented about 75000 nos. of success stories whose income has doubled and each KVK has documented 110 successful DFI stories which were well appreciated by the Director General, ICAR, New Delhi. KVK's under Zone-XI publishing their activities in KVK times as newsletter in every fortnight and appreciated the efforts of KVK's for successful publication of newsletters.

Director, ATARI, Bengaluru released the KVK Times compiled by KVK, Haveri during the workshop. He also complimented the awardee KVKs (Kalaburgi and Uttara Kannada) for their outstanding contribution to the farming community.

Dr. M. B. Chetti, Hon'ble Vice Chancellor, UAS Dharwad during his presidential remarks recalled the efforts taken up by the KVK's in transferring the technologies at the door step of farmers, also mentioned about the technology of 'Bakahu' in providing employment opportunity for farmers and this has appreciated by Hon'ble Prime Minister of India during Mann Ki Baat programme. He requested the scientists to take up externally funded projects, publish the research outcomes in high impact journals and also involve in the formation of FPO's. Dr. Balachandra Naik, Director of Extension, UAS, Dharwad, Dr. D. M. Chandaragi, Director of Extension, UAS, Raichur, Dr. M. J. Chandre Gowda, Dr. B.T.Rayudu and Dr. D.V Kolekar, Principal Scientists of ICAR-ATARI, Bengaluru, Dr. Shripad Kulkarni, Nodal Officer, KVK's, UAS, Dharwad, Dr. P. S. Hugar and Dr. R. B Belli, Associate Directors of Extension, UAS, Dharwad, Experts from ICAR and UAS, Dharwad were present during the programme. All the heads of KVK's of Northern Karnataka participated and presented the results of workdone during 2021-22 and action plan (2022-23) of their KVK's in these three days of workshop. Panel discussions on Integrated Farming System, FPO's and Entrepreneurship, post harvest technology, value addition, farm mechanization and women empowerment were held under the chairmanship of Dr. V. Venkatasubramanian, Director ICAR- ATARI, Bengaluru.

## ICAR-KVK, Ernakulam



### SESAME FIELD DAY CONDUCTED

A sesame field day was conducted on 4<sup>th</sup> May 2022 at Karumallur, Ernakulam in connection with harvest of the crop raised as part of KVK's frontline demonstration on Sesame cultivation in summer paddy fallows. The *Nirapara joint liability group* and *Kissan service society* were the farming partners. KVK aims to further demonstrate farm level oil extraction, branding and marketing to demonstrate enhanced returns from unit area. The field day was inaugurated by Shri. George Menachery, Vice president, Karumallur Grama panchayath. Shri. K. M. Laiju, ward member presided over and member Shri. Paulson Gopurathinkal, Mohanan Kampilly, KVK head Dr. Shinoj Subramannian, Assistant Director (Agri) Smt. Vidya were present.

## ICAR-KVK, GADAG



### FIELD DAY ON CFLD-NMOOP-SUMMER GROUNDNUT CROP

Field day on Summer Groundnut crop was organised by ICAR-K.H.Patil Krishi Vigyan Kendra, Hulkoti on 04-05-2022 at Singatarayanakeri village of Mundaragi block under Cluster Demonstration - NMOOP Project for the year 2021-22. The field day was organised at Shri Mahesh Roddanavar's field. The high yielding variety viz., Kadiri Lepakshi along with Integrated Crop Management Practices were demonstrated to farmers. The Groudnut cultivating farmers expressed their views in adoption of technologies in controlling the diseases and getting higher yields. Dr.Gururaj Kombali, SMS(Agronomy) briefed about the Groudnut varieties and their yield potentiality of 35 to 40 bags per acre and also suggested the farmers to keep the seed for sowing in next season. Shri N.H.Bhandi, SMS (Soil Science) has stressed the imprtance of soil health and balanced nutrition in doubling of farmers' income. The Progressive farmers Shri Hanumantappa Roddanavar Shri Nagappa Talawar, Shri Channappa Halli, Shri Shankaragouda Patil, Shri Mahalingappa, Shri Ramesh Kulkarni and others participated in the programme. The visit of farmers to demonstration plot was organised. More than 50 farmers participated in the field day programme.



### FARMER'S INNOVATION : GUNNY BAG HOLDER STAND FOR PACKING OF DRY CHILLIES



Dry Chilli is a major commercial crop of Gadag district. After drying of Chilli, it is packed in gunny bags and sent to market. Packing / filling of dried Chilli pods in a gunny bag requires four labours. Due to non-availability of labours and high cost of wages, Chilli growers faced the problems during packing of Chilli pods

Looking into the problems faced, Shri Veeranagouda Jakkanagoudar of Hirehandigol village in Gadag taluk designed a gunny bag holder stand. The stand facilitates holding of gunny bag in both the ends. The stand has two GI poles, 4 feet 5 inches in height and has rectangle frame at top and bottom. Top frame has a gunny bag holder

Use of this device reduces the labour requirement for packing. Two labours are required for packing instead of four persons. Labour cost is saved and the timely packing is possible. Packing is neat and additional quantity of 15kgs can be packed compared to traditional practice.

The equipment costs about Rs.2800/- and fabrication can be done locally. 35-40 gunny bags can be filled and packed in one hour compared to 10-12 bags in conventional method. There is saving in cost to the tune of Rs.300/- to Rs.400/- per day. The use of equipment also saves the time of farmers.

## ICAR-KVK, GONIKOPPAL



### Training cum input distribution programme for Tribal farmers at BommadiHaadi, Ponnampet taluk

ICAR -KrishiVigyanKendra,Gonikoppa in collaboration with Green Earth NGO organized training cum input distribution programme on 2nd May 2022 at BommadiHaadi, Ponnampet taluk. The programme was inaugurated by Dr. Mahendrakumar, Chairman,Green Earth NGO. In his inaugural address he emphasised on the empowerment of tribal farmers through livelihood programmes for economical,health and social security in the forest based ecosystem of tribal farmers.

Mr. Prabhakar B, SMS(Horticulture) participated as a resource person and delivered talk on sustainable approaches for economical security through adoption of Horticulture based activities. On the occasion, different fruit crop saplings(lemon, rose apple, malayan apple, spine gourd) were distributed to tribal farmers under TSP programme to the gathered 50 farmer and farm women.

In the programme,taluk panchayath member Raghu, YaravaPrakash,Co-ordinator and Basavaraj, Vivekanada Health Service Centre were also present.

## ICAR-KVK, HAVERI



### Training programme on Post harvest management in Mango

To create awareness about mango post harvest management, an off campus training programme was conducted at Mantige village of Hanagal Taluk on 11.05.2022. Dr. Santhosha HM, Scientist (Horticulture) briefed about scientific method of harvesting and post harvest aspects viz., harvesting should be done by using mango harvester, after harvesting fruits should never be left in direct sunlight and must be kept in shade, the contact of fruits with soil should be avoided, hot water treatment for export purpose and simple washing with water to remove latex and dust for local market, ripening of mango by using ethylene gas, fruits grading according to their size, weight, colour and maturity of fruits which benefits both producer and consumer. An OFT (On-Farm testing) on 'Assessment of mango ripening methods' was also initiated at same village. Dr. Prasanna PM addressed the farmers about management of post harvest diseases by pre and post harvest fungicide application, orchard hygiene and sanitation of packing equipment. Symptoms and management of anthracnose, stem end rot and black soft rot were also discussed during the training. About 22 Mango growing farmers of Kumareshwara Horticulture FPO participated in the programme.



### Launch of National Level World Bank Assisted "REWARD" programme Inauguration through online

Live telecast program on launch of National Level World Bank Assisted "REWARD" programme by ICAR-Krishi Vigyan Kendra, Haveri (Hanumanamatti) on 08.05.2022. In this programme total ten FPOs presidents and CEOs were participated. After the live telecast program, the training was organized. Dr. Shivamurthy D, Scientist (Agronomy) briefed about seed availability of seeds in different crop like, Soybean, Maize, Greengram, Blackgram, Redgram, Millets, Groundnut, Rabi Sorghum, Sunflower etc., at UAS, Dharwad and also discussed the production technology and materials available in our KVK. Dr. Santosh H. M, Scientist (Horticulture) gave details information on horticulture crop production technologies and seedling available in KVK, Hanumanamatti. After that Dr. Mahesh Kadagi, Scientist (Animal Science) shared the information on dairy management, sheep management, goat management and fodder seeds available in our KVK.

## ICAR-KVK, IDUKKI



### Plant Health Clinic and Farmer - Scientist Interface for The Farmers of Idukki District.

ICAR KrishiVigyan Kendra (BSS), Idukki in association with Department of Agriculture, Kerala organized a plant health clinic and farmer - scientist interface for the farmers of Idukki district. Farmers awareness crop health clinic was conducted as a part of Idukki EnteKerala : Idukki jillathalapradarsonavipananamela". The experts from ICAR KrishiVigyan Kendra, Idukki gave the awareness on the importance of soil testing, soil collection, distributed brochures, leaflets and also organized film shows. The farmer problems on primary symptoms of nutrient deficiencies were addressed by Ms. ManjuJincy Varghese, SMS (Soil Science), ICAR KrishiVigyan Kendra (BSS), Idukki and recommendations were given for the same. The live specimens of problem effected plant parts were diagnosed and recommendations were given. 250 farmers. participated is the crop health clinic. The farmers were made aware on the management strategies by displaying deficiency symptoms specific PowerPoint presentation throughout the programme.

## ICAR-KVK, KANNUR



### Awareness on Upland Paddy Cultivation

KVK Kannur has conducted an awareness programme on upland paddy cultivation for farmer groups of Payyavur. Sri.Saju Xavier, President, Payyavur Grama Panchayath has inaugurated the programme. The training was organized as a part of "NjangalumKrishiyilekku", flagship programme of the state government. Session on the opportunities of upland paddy cultivation and scientific cultivation practices of upland paddy was handled by Dr. Jayaraj P., Programme Coordinator. Under the programme "NjangalumKrishiyilekku" 50 acres of fallow land in Payyavur Panchayath will be brought under upland paddy with the supervision and technical support of KVK Kannur.



### Training on Flower Arrangement

KVK Kannur has organized one day training programme on flower arrangement for women under Green Carpet Training Programme in collaboration with ATMA Kannur. Smt. Elizebeth Joseph, Assistant Professor (Home Science), KVK has handled the session. Twenty women farmers were participated in the programme and familiarized with different styles of flower arrangements.

## ICAR-KVK, KOLAR



### Off campus capacity development programme on tomato.

KVK, Kolar in collaboration with Sehgal Foundation conducted off campus capacity development programmes to educate farmers about Integrated Nutrient Management and Good Agricultural Practices and Insect and Disease management in tomato. The programmes were organized at three FPOs for the shareholding farmers of the FPOs. In this regard, programmes at Masti Venkatesh Iyengar FPO at Rajenahalli, Mudalgiri FPO at Gudipalli and Sri Vinayaka Horticulture FPO at Tayluru were organized on 11<sup>th</sup>, 12<sup>th</sup> and 13<sup>th</sup> May, 2022 respectively. The farmers were sensitized about incorporation green leaf manure, enrichment of FYM, prophylactic sprays, soil analysis based integrated macro and micro nutrient management, integrated pest and disease management practices, foliar applications of nutrients, identification and management of physiological disorders etc. by KVK, Scientists. A total of 200 farmers were benefitted by the programme



### Meeting on Taluk level Farmer Advisory Committee of ATMA, Mualbagal.

KVK, Kolar Scientist (Sericulture) participated as Member for Taluk level Farmer Advisory Committee of ATMA, Mulbagal taluk on 5.5.2022 and discussed about activities to be carried out for the year 2022-23 in Mulbagilu and also discussed on major problems in sericulture.

KVK, Kolar Scientist (SS&AC) participated as resource person and delivered lecture on Nutrient management and fertigation practices in vegetable crops and fruit crops in a programme organized by Department of Horticulture, Srinivaspura, at Srinivaspura, Kolar on 05.05.2022. Around 75 farmers benefitted by the program.

## ICAR-KVK, KOPPAL



### Harvesting of Paddy Seed production KVK Farm field

KVK, Gangavathi harvested the Paddy Variety RNR-15048, TunghabhadraSona, GNV-1109 and Gangavathi Sonaof 31.75 acres on 08.05.2022 to 10.05.2022 by combined china harvester. RNR-15048 and BPT-5204 seeds are processed and ready for sale from 15.05.2022 with fixed rate of UAS, Raichur. The availability of F/S seeds of paddy variety RNR-15048 (200 Qtl) and BPT-5204 (140 qtl).Pls contact Senior Scientist & Head Dr.Raghavendra Yaligar-9480696316 and Senior Technical Officer (FM) Mr. G.Narappa-9740259254.

Latitude: 13.168225  
Longitude: 78.394143  
Elevation: 880.17462 m  
Accuracy: 32.3 m  
GPSTime: Thu 12:31  
Note: BFAC MEETING MBL

Powered by NotCam

## ICAR-KVK, KOLLAM



### SCIENTIFIC MEDICULTURE FOR HERBAL VILLAGES

A capacity development programme on Commercial Mediculture for 2 days for the farmers of Pathanamthitta was organized by Krishi Vigyan Kendra Kollam under Kerala Agricultural University Sadanandapuram Kottarakkara on 3-4 March 2022 at Enadimangalam Krishishibhavan of Pathanamthitta district. The programme was sponsored by State Medicinal Plants Board Kerala. For the selection of ideal participants for the training programme, the Kendra contacted with Assistant Director of Agriculture Parakkodu block of Pathanamthitta district with the help of Dr Bini Sam, Nodal Officer of Agricultural Knowledge Centre Parakkode. Thirty five farmers from covering 2 Panchayaths (Enadimangalam and Kalinjur) were finally selected for the programme. The training team consisted of Dr Bini Sam (Professor and Head, nodal officer of AKC Parakkode), Dr Poornima Yadav PI (Assistant Professor and Coordinator of the programme), Dr Saroj Kumar (Assistant Professor- Hort), Dr Lekha M (Assistant Professor-Agrl Entomology) and Mr. Unni Samuel, Palavilayil, Adoor, Nellimootilpadi (a medicinal plants grower). The programme was inaugurated by Shri. Rajagopalan Nair Enathimangalam Panchayath President. The farmers were welcomed by Dr Poornima Yadav PI. The introductory session was followed by 3 other sessions which were handled by Dr Saroj Kumar Assistant Professor (Horticulture) and Dr Poornima Yadav P I, Assistant Professor (Agronomy). During the second day, Dr Bini Sam Professor and Head and Nodal Officer AKC Parakkode addressed the

gathering and the programme was inaugurated by Smt Pushpavally teacher, Kalanjoor Panchayath President. This was followed by one session which was handled by Dr Lekha M. The training sessions were formally concluded by proposing vote of thanks by the Agricultural officer Enadimangalam. The planting materials, book and reading materials were distributed to the participants. During afternoon a field visit to medicinal plants garden owned by Mr. Unni Samuel, Palavilayil, Adoor, Nellimootilpadi, was also organized which helped the farmers to familiarise with medicinal plants (more than 200 different medicinal plants). Sri Unni Samuel, Palavilayil, Adoor, Nellimootilpadi the owner of garden introduced the plants and a detailed information on each and every plants grown in his garden were also shared to the farmers. This practical session was highly interesting which actually enriched the participants knowledge. Finally farmers gave their feedback in the session. During the feedback, the trainees were encouraged to clarify their doubts. Many farmers expressed their happiness about new area of Agriculture and its vast scope while some other farmers expressed their concern about the problems of medicinal plants cultivation especially non availability of good quality planting materials and marketing. The major outcome of the training programme is given below:

- Created awareness about the importance of medicinal plants cultivation
- Familiarized the farmers about the commercially important medicinal plants and its scientific cultivation
- Familiarised the farmers about the marketing issues and opportunities
- Introduced the Organic farming practices to the farmers
- Created awareness about the common pests and diseases of medicinal plants and its organic management.
- Finally created interest in mediculture by providing the planting materials and inputs

## ICAR-KVK, KOTTAYAM



### Kvk Kottayam Participated In 'Ente Keralam' Mega Exhibition & Mela By Government of Kerala

KVK Kottayam participated in the mega exhibition & mela conducted by Government of Kerala in connection with its first anniversary celebrations at Nagambodam ground in the heart of Kottayam city. Various technologies in the field of crop production, plant protection, agro processing and aquaculture were demonstrated. A separate sales counter for various bio-inputs, micro nutrient mixtures, processed products from fruits and vegetables, value added fish products and quality planting materials opened up a window of information on KVK activities to the semi urban farming community in and around Kottayam. More than 6720 farmers from all part of the districts visited the stalls during 7 days of exhibition from 28.04.2022 to 04.05.2022.

KVK-Lakshadweep and ICAR-IIHR have initiated to improve vegetable cultivation in Lakshadweep islands since 2021-22. For the year 2022-23, KVK-Lakshadweep and ICAR-IIHR have targeted to promote improved vegetable cultivation using new hybrids in the islands involving 2000 households with the TSP funding of ICAR-CMFRI. Before the onset of monsoon, a planning meeting was held at KVK-Lakshadweep, Kavaratti on 3 May, 2022 involving scientists from IIHR and KVK. Scientists from IIHR, Dr. R. Senthil Kumar and Dr. V. Sankar along with Dr. P. N. Ananth, Head, KVK-Lakshadweep organized three farmer training programmes in Kavaratti, Agatti and Kadmat islands. The eight new hybrid vegetable seeds were distributed to the farmers along with the package of practices. Among the fruits new variety of Papaya ArkaPrabhat is newly introduced to the island. During the interactions it was observed that farmers need certain specific varieties of vegetables based on climate and soil conditions. In line with the farmer needs few varieties to be introduced were informed with the package of practice. During 2021-22, KVK was instrumental to develop a community nursery using IIHR varieties in Kiltan island which was informed to be a best practice in the island to be rolled out. This initiative of promoting 2000 households in 10 islands is implemented in convergence mode involving the Department of Agriculture from all the islands. The three trainings were coordinated by KVK and ICAR-IIHR. The funding for this development intervention is from the TSP of ICAR-CMFRI.

## ICAR-KVK, LAKSHADWEEP



**KVK-Lakshadweep and ICAR-IIHR works to promote 2000 households for vegetable cultivation in Lakshadweep Islands**

## ICAR-KVK, MALAPPURAM



**Practical classes for certificate course on Integrated Nutrient Management for fertilizer dealers -15<sup>th</sup> batch**

## ICAR-KVK, MALAPPURAM

Practical sessions to 15<sup>th</sup> batch of certificate course on INM for fertilizer dealers were conducted at KVK Malappuram from 09/05/2022 to 11/05/2022. Six sessions on various composting technologies viz., vermicomposting, coir pith composting, *Trichoderma* enrichment, soil sampling, soil test-based fertilizer application, biofertilizers, & insitu organic input production were included in the programme. Dr. Prasanth K. Assistant Professor (Horticulture) coordinated the training programme of fifteen participants.

**Exhibition at Tirur as part of Ente Keralam**

KVK Malappuram has participated in the exhibition and sales fair as part of the first anniversary of LDF Government from May 10<sup>th</sup> to 16<sup>th</sup>. Sale of vegetable seeds and biocontrol agents, distribution of leaflets prepared by KVK on different aspects of agriculture production and processing and exhibits of new technologies in agriculture are also showcased at the exhibition hall.

**Exposure visit-**

In order to backstop youth involved in commercial cultivation of *Curcuma aromatica*



the KVK made an exposure visit to the Department of farm machinery of KCAET along with stakeholders to identify potentials of mechanizing the planting and harvesting operations. Operations of ridge maker and turmeric harvester were explained

## ICAR-KVK, MUDIGERE

**BLOCK LEVEL SEMINAR ON INTEGRATED CROP MANAGEMENT IN COCONUT**

ICAR-KVK, Chikkamagaluru in collaboration with Coconut Development Board, Bengaluru has organized the "Block level seminar on integrated crop management in coconut" at Jodilingadahalli village, Kadur taluk on 05.05.2022. The seminar was inaugurated by Mr. Mallikarjun, L, Member, Grama Panchayath, Jodilingadahalli and he suggested the farmers to adopt improved technologies developed by the agricultural universities, management of pest and diseases to increase the yield in coconut, Further he stated that soil of the garden should be tested frequently at KVK in order to know the status of soil and apply the fertilizer based on soil results. Dr. Ravi, C.S, Assistant Professor, Dept of PSMAC, College of Horticulture, Mudigere, during technical session delivered the lecture on selection of Mother palm for seed material to raise the nursery and briefed on irrigation, fertilizer application, manuring, irrigation schedule and scientific coconut cultivation technologies, such as newly developed varieties, characters and selection, production of quality seedlings, method of planting and soil conservation practices, water management in coconut and value added products and their marketing and enterprises development in coconut. Dr. Girish, R., Scientist (Plant Protection), KVK, Chikkamagaluru, explained detailed about integrated pest and disease management in coconut and Dr. Chandrashekar, K,G., Assistant Horticulture Officer, Sakkarayapatna taluk, briefed about the department schemes for development of coconut garden. Total 132 farmers and farm women participated and got benefit out of this programme.

## ICAR-KVK, MYSURU

## ICAR-KVK, PALAKKAD



Latitude: 12.20382  
Longitude: 76.964999  
Elevation: 654.0744 m  
Accuracy: 4.6 m  
Time: 12-05-2022 12:43  
Note: Background from Ibg791, edited - Photo from field and laboratory

### Field inspection to black gram seed production plots

ICAR JSS Krishi Vigyan Kendra Suttur has taken "Creation of Pulse Seed hub" project from 2016, under pulse seed hub project blackgram var LBG 791 seeds were distributed to 393 farmers during summer 2022, which was sown in 327 ha area of Mysuru district. Crop is in pod filling stage. Field inspection to selected farmers plot was done by Senior scientist and Head, Technical officer (Seed hub). During the visit farmers are trained to identify the offtypes and guided to remove the ODV, diseased and deformed plants, weed plants and other plants.

### Erode Horticulture officer's exposure visit to JSS KVK Mysuru

Horticulture Officers from the Department of Horticulture and Plantation Crops, Erode District, Tamilnadu visited ICAR JSS Krishi Vigyan Kendra, Suttur, Nanjangud Taluk, Mysuru District on 03-05-2022 as part of interstate exposure visit under National Horticulture Mission. The Technical officers visited various demonstration units of KVK such as nursery, vermicompost production unit, half acre high density plantation crops model, pottery unit, banana special production unit, azolla unit, goshala, and seed processing unit. Further, the information on agro climatic conditions and major crops cultivated in the Mysuru District was also appraised



### Field selection for FLD on IDM for root wilt in coconut

A field visit was conducted to select plots for conducting FLD on IDM for the management of root wilt in coconut in Moolakkada area in Kozhinjamparapanchayath. Coconut is the major crop in the area. The crop is severely affected by root wilt. 5 plots were selected for conducting FLD. Around 80 % incidence was noticed in the plots selected. The nut yield per palm per year varies from zero to forty. 10 palms were selected from each field. Soil samples were collected for analysis. Nutrient management as well as management for rhinoceros beetle and leaf rot will be adopted in the selected palms. Root wilt resistant varieties from CPCRI will be planted in the place of uprooted palms that were severely affected.

### Field visit for trainees of DAESI programme at Regional Agricultural Research Station Pattambi

KVK Palakkad had arranged a field visit for the trainees of Diploma in Agricultural Extension Service for input dealers at the Regional Agricultural Research Station Pattambi. The programme included visit to soil testing laboratory, where the trainees were familiarized with various soil testing equipments. They could understand the operations and works being carried out in the laboratory. The second visit was to the Agro meteorological unit of the institute. The experts explained the use and function of the various meteorological instruments like rain gauge, sunshine recorder, Steevensons screen, open pan evaporimeteretc. The trainees had a good interaction with the scientists in the institute.

## ICAR-KVK, PATHANAMTHITTA

## ICAR-KVK, RAMANAGARA



A 10 days capacity building programme for the development of Paraveterinary groups in ST settlements of Pathanamthitta district being implemented by 'Thanal', an NGO which focuses on environment Health and Justice was organised by ICAR-Krishi Vigyan Kendra, Pathanamthitta as part of the TDF project (Tribal development Fund) of NABARD from 4<sup>th</sup> of May to the 13<sup>th</sup> of May 2022. A batch of 15 trainees has been molded to serve as master trainers/paravets in their respective ST settlements. Participants mainly school dropouts, from the ST settlements at Karikulam, Manakayam, Kurumbanmoozhi, Cholana vaval and Adichipuzha of Pathanamthitta district and Attapady area of Palakkad district attended the programme. The trainees were appraised on the scientific rearing aspects of goat and poultry with focus on primary care /first aid for animals and birds, disease identification, preventive services for problems such as internal and external parasitism and vaccination schedules. Disease of zoonotic importance and health care of field workers were also covered. The training was coordinated by Dr. Sency Mathew, SMS (Animal Sc.). The effective delivery of veterinary services to farmers is constrained mainly by an inadequate number of Veterinary graduates and accessibility to Veterinary services in ST settlements in the state. To improve the overall effectiveness of veterinary service delivery the role of paravets is paramount. Although paravets cannot fully substitute for veterinarians, these workforces are able to provide a cheap, locally available basic health care service that can lead to quite visible improvements in Animal health and can help in early detection and timely reporting of diseases to the local veterinarian.



## RAMANAGARA MANGO MELA 2022

District Administration and Department of Horticulture, Ramanagara with the technical guidance of Krishi Vigyan Kendra Ramanagara organised mango mela 2022 at Kengal, Channapatna taluk, Ramanagara District from 13-15 May 2022. The main objective of the three-day Mango Mela is to encourage farmers to adopt the latest technology to increase their mango production and quality, so that they may get maximum return of their produce from their limited holdings by tapping the domestic as well as international market. Awareness programmes like importance of pre-kharif activities, micro nutrient mixture (Mango Special), safe and natural ripening techniques, branding and direct marketing.

The Mango Mela also provides a forum to the mango growers to sell their mangoes and mango products. The mela also displayed various varieties of mangoes which are potential in local and international market.

The mela was inaugurated by Dr. Avinash Menon Rajendran, IAS, Deputy Commissioner & District Magistrate, Ramanagara. Mrs. Sindhu B Rupesh, IAS, Commissioner of Sericulture Karnataka, Shri Mohammed Ikramulla Shariff, Ramanagara Zilla Panchayat Chief Executive Officer, Shri K. Santosh Babu, IPS, Superintendent of Police Ramanagara, District officials and KVK Scientists present in the mango mela.

## ICAR-KVK, THRISSUR

## ICAR-KVK, TRIVANDRUM



### Agricultural Seminar

ICAR-KrishiVigyan Kendra, Thrissur acted as the resource repository in a seminar on 'Organic Vegetable Cultivation and Disease Control' organised by Gurudharma Prabhodhini Sabha on 7<sup>th</sup> May 2022. Dr. Deepa James, Assistant Professor (Plant Protection) and Sri. Anoop Krishnan (Horticulture) of KrishiVigyan Kendra, Thrissur led the sessions. The seminar was attended by around 120 farmers.

### KVK, Thrissur–Brain Storming session for Entrepreneurial development

"Kothi Chips" an enterprise initiated during the Covid pandemic period to support women who were left jobless, have left their signature in the production of chips and snacks from banana, jack fruit, rice flour etc. To hasten their growth and to spread their wings to the exporting sector, novel products are needed and this led to a brain storming session at Nattika Welfare Society on 10<sup>th</sup> May 2022, led by Dr. Aneena E.R., Associate Professor, KVK, Thrissur. During the session, information on the production of concentrated products, dehydrated products and health products were discussed. The feasibility of production using the existing facilities were analysed and the scope of development was diligently studied. In order to acquire the skills for the execution of the plan, the members visited to KrishiVigyan Kendra, Thrissur on 12.05.2022 for a hands on training on the use of blanching machine and dryers and on manufacture of osmo dehydrated products.



### A remunerative hobby for rural women promoted by ICAR-KVK Trivandrum

Trivandrum being an urban district, ICAR-KVK, Mitraniketan has been promoting bush pepper cultivation as a remunerative hobby for rural women since 2018. Bush pepper can be considered as a new generation spice crop which neither requires much space nor much labour for its successful cultivation. Over a period of 4 years we have been able to provide 12905 bush pepper plants from KVK nursery to about 363 farmers. Pullampara Panchayath of Trivandrum district, in its People's Plan Programme has taken up bush pepper cultivation as an income generation activity for 100 rural women of the panchayath. KVK has been able to supply planting materials, bio inputs and technical support for the project

Year	No. of plants	Farmers benefitted
2018-19	717	62
2019-20	5481	188
2020-21	1663	69
2021-22	5044	164
<b>Total</b>	<b>12905</b>	<b>363</b>

Bush pepper can be grown in pots of 30-35 cm diameter or in grow bags filled with potting mixture and may be kept preferably under partial shade. It's bushy growth, shade tolerance, early and year round bearing habit, offers great scope for growing in terrace gardens, kitchen gardens and homesteads.

### ICAR-KVK, TRIVANDRUM

Application of chemical fertilizers and plant protection chemicals is not at all recommended for bush pepper grown on terrace gardens or homestead gardens. Hence bio control agents such as Trichoderma, Pseudomonas and Cassava based bio pesticides such as Nanma, Sreya etc are made available from KVK to these homestead growers. They are advised to apply cow dung slurry or diluted slurry of a fermented mixture of fresh cow dung with neem cake and groundnut cake at fortnightly intervals. Bush pepper starts yielding from the very first year onwards and continues to yield for 8-10 years. The berries are harvested when two or three berries in the stalk turn bright red. Yield can be obtained throughout the year since the flowering is not season bound. On an average 1kg of pepper can be harvested annually from a bush pepper plant of 2 to 3 years old. Harvested black pepper berries are dried in sun for 3-5 days during which the weight is reduced to one third of its fresh weight.

On an average 1kg dried pepper fetches Rs.350/- in the markets of Kerala. A rural woman who is able to maintain 25 bush pepper plants in her homestead, can harvest at least 20 kg Black pepper. The recovery of dried black pepper would be about 6 Kg which would fetch her an income not less than Rs.2000. Bush pepper cultivation proved to be a remunerative hobby for the rural women of Trivandrum district.

### ICAR-KVK, UDUPI (BRAHMAVAR)



**On campus training programme on Integrated Farming System**

Keladi Shivappa Nayaka University of Agricultural & Horticultural Sciences, Shivamogga, Indian Council of Agricultural Research, New Delhi, ICAR-Krishi Vigyan Kendra, Brahmavar has organized on campus training on Integrated Farming System at Krishi Vigyan Kendra, Brahmavar on 10/05/2022. Dr. Dhananjaya B, Senior Scientist and Head, ICAR Krishi Vigyan Kendra as resource person explained about importance of Integrated Farming System, its components viz., Agriculture, Horticulture, Animal Husbandary, Poultry, Piggery etc and its implementation in their farm. Total 43 farmers, farm womens and youths of Thakode village, Moodubidre RSK were participated in the programme and gathered the information. After the programme, they have visited IFS module established in the campus.

### ICAR-KVK, VIJAYAPURA-I



### Visit by Administration Improvement Committee to KVK Vijayapur

The chairman of the Administration Improvement Committee and Ex- Principal Secretary, Shri. T.M.Vijaybhaskar and Additional chief secretary Shri. Prasanna visited Krishi Vigyan Kendra, Vijayapur on 10.5.22. Various activities carried out by KVK such as OFT, FLD, Trainings, resources etc were explained to the guests by Dr.Shubha.S. Senior Scientist and Head, KVK Vijayapur and Dr.R.B.Belli, Associate Director of Extension, Vijayapur. The officers also visited the Museum, Biofertiizer production unit, Soil and Water testing laboratory of KVK Vijayapur. Discussion was held regarding the needs of farmers and the approaches to be made for the betterment of the farming community.

**ICAR-KVK, VIJAYAPURA-I**

Dr. Rajshekar Williams, JDA Vijayapur, Dr. N. Raghvendra, DDA Vijayapur, staff of KVK Vijayapur were present on the occasion.

**Field visit by KVK scientists to progressive farmers field**

KVK scientists visited the farm of Shri. Basavaraj Paragondappa Siddapur, aged 37 years, is a horticulture graduate residing at Mulwad village, Kohlar taluk, Vijayapur district. He owns 38 acres of land out of which 26 is rainfed and 12 is irrigated. He grows pigeonpea, sorghum, onion, grapes, banana and lime. There are also agro-forestry trees such as neem, tamarind, amla and Hebbevu. He has a big farm pond in his farm. He is also having a high tech rasin making unit from which he is earning 15 lakhs per year. From horticulture component, he is earning 85 lakhs per year and agriculture component, he is earning 12 lakhs per year. Overall income per year of the farmer is 1 crore 12 lakhs. Many dignitaries, students and farmers visit his field. Being a horticulture graduate, he has not gone in search of a job but has adopted advanced technologies that he has learnt in improving his own farm. He has become a role model for the farmers surrounding his village.

**ICAR-KVK, VIJAYAPURA-II****Live webcast of Honourable CM Programme.**

National level launch of World bank assisted “REWARD” programme live webcast was arranged at ICAR Krishi Vigyan Kendra, Vijayapura-II (Indi) on 08.05.2022. The programme was inaugurated by Honourable Chief Minister of Karnataka at GKVK, Bengaluru. In this programme around 20-25 farmers and farm women benefitted. Dr. Savita B, Scientist (Soil Science), ICAR KVK Vijayapura-II (Indi) and Dr. Santosh Shinde, Scientist (Animal Science) were present during the programme.

**Visit to Successful Kayaka Siri Dairy Farm**

Visited the Kayaka Siri Dairy Farm maintained by Shri. Bhimashankar Teggihalli of Golasar Village, Indi taluka. This dairy farm has maintained both cross bred animals and indigenous cows like Gir, Sahiwal, Tharparkar, Panganur etc., breeds. Also, they procure the milk from different villages and process the milk for packeting and value addition. Further, a group meeting was conducted with the farmers and entrepreneurs to extend the activity to different group of people and few suggestions on scientific dairy farming have been suggested during the meeting.

## ICAR-KVK, WAYANAD

## ICAR-KVK, YADGIR

**“JACK FEST” 2022**

KVK Wayanad conducted “Jack Fest 2022” for popularising the scope and importance of jack fruit. Farmers from different locations of Wayanad participated in the fest. The programme was inaugurated by Dr. Safia N.E, Programme Coordinator, KVK Wayanad. Training on various aspects of cultivation, grafting, diversification on value added products of jack was given. Promising jack varieties of Muttam varikka, Sindoor were displayed in the fest.

**Animal Health campaign 2022**

KVK Wayanad conducted one day animal health camp in the KVK premises. Experts from the KVK Wayanad and Animal Husbandry Department led the seminars and the health camp. Mineral and vitamin supplements to large and small animals were distributed in the camp. There were good participation of dairy farmers and animal lovers which made the camp very informative, successful and need worthy.

**PMIC and Board of Directors Meeting of Kenguri Sheep Farmers Producers Company Limited, Yadgir**

The quarter review meeting of livestock FPO formed by ICAR-KVK, Yadgir was conducted on 06.05.2022 at KVK, Yadgir. Senior Scientist and Head, Dr. JaiPrakash Narayan R.P, DDM, NABARD, Yadgir Sri. Ramesh Bhat and Lead Bank Manager Sri. Siddeshwar were present during the meeting. The committee suggested to achieve 200 membership targets in next quarter and to appoint CEO for the company. The Board of Directors including its president Sri. Basannagouda attended the meeting. Dr. Kotresh Prasad, Scientist (Animal Science) and PI of the project briefed the targets achieved to all the members. It was also decided to conduct farmers training in Zilla Panchayat premises and to have convergence meeting with Department of Animal Husbandry for helping the FPO activities in future.



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

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# IMPORTANT PLACES OF KALABURGI



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**College of Agriculture, Kalaburgi**



**Khwaja Banda Nawaz**



**ZARS, Kalaburgi**



**Fort**



**BUDDHA VIHAR**