

KVK TIMES

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

February 16-28, 2023 Volume 01 | Issue 40



ICAR- Krishi Vigyan Kendra
Mitraniketan



Email: kvk.Trivandrum@icar.gov.in, trivandrumkvk@yahoo.co.in

Web: www.mitrvkv.org Ph: 04722882086, 8281114479

Location Coordinates: 08° 33'53.64"N and 77° 03'49.47"E

ICAR – AGRICULTURAL TECHNOLOGY APPLICATION RESEARCH INSTITUTE

ZONE -XI, BENGALURU, KARNATAKA 560 024 EMAIL : ATARI.BENGALURU@ICAR.GOV.IN



EDITORIAL

Published by:

Dr. V. Venkatasubramanian

Director, ICAR-ATARI, Zone XI, Bengaluru

Special Thanks:

Dr. B.T. Rayudu

Principal Scientist & Nodal Officer

ICAR-ATARI, Zone XI, Bengaluru

Smt. Sethu Viswanathan

Director, Mitraniketan

Editorial Board

Dr. Binu John Sam

Senior Scientist & Head, ICAR-KVK, Mitraniketan

Ms. Bindhu R. Mathews (Subject Matter Specialist, Plant Protection)

Ms. Manju Thomas (Subject Matter Specialist, Horticulture)

Ms. Chithra G. (Subject Matter Specialist, Ag. Eng.)

Ms. Jyothi Rachel Varghese (Subject Matter Specialist, Agronomy)

Dr. Devika I. (Subject Matter Specialist, Home Science)

Compilation:

Ms. Lisha L.S. (Stenographer)

Administration & Logistics Support:

Dr. Udayakrishnan P., Ms. Jibi Joseph, Dr. Pooja A.P.,

Shri. D.Mohanan, Shri. Bibin K. Thomas, Shri. Abhilash S., Shri. Aswin V.S.

Production & Coordination

ICAR -KVK, Mitraniketan, Vellanad P.O, Thiruvananthapuram-695543



ICAR-Agricultural Technology Application Research Institute, Zone XI
भा.कृ.अनु.प.- कृषि तकनीकी अनुप्रयोग अनुसंधान संस्थान, जोन XI
MRS, HA Farm Post, Hebbal, Bengaluru 560 024
एम.आर.एस, एच.ए. फार्मपोस्ट, हेब्बाल, बेंगलुरु ५६० ०२४
Fax: +91-80-23410615
Email: director.atariblr@icar.gov.in



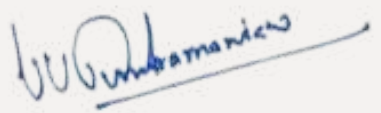
MESSAGE

Agriculture is the backbone of Indian economy. More than 60% of Indian population depends on agriculture for their livelihood. Agriculture and allied sectors are very important in meeting the food and nutritional demands of the burgeoning population. The year 2023 has been declared by the United Nations as the International Year of the Millet, following a proposal by India, which wants to position itself as a global hub for millets. Millets are an important source of food and fodder for millions of resource-poor farmers and play a vital role in ecological and economic security of India. Millets are considered nutritionally superior to rice and wheat and are a cheap source of proteins, minerals, vitamins and dietary fibre. Millets are drought resistant and its cultivation can help to mitigate the effects of climate change with low carbon footprint.

In India, the year 2025 is set as the target for achieving 20% ethanol blending with petrol. Most bio-ethanol in India is produced using sugar molasses and maize. Millets can deliver greater returns than maize, while using 40% less energy in processing, and are cost advantageous as a feedstock for bio-ethanol production. Use of sorghum and pearl millet for bio ethanol production will help to bring down carbon emission by about half. Hence I would urge the KVKs to take up the production, value addition and promote consumption of millets in accordance with the changing agricultural scenario of the country.

I am extremely happy that KVK Trivandrum is bringing out this issue of KVK Times. I congratulate KVK Trivandrum for their sincere efforts in catering to the multi dimensional needs of the farming community of the district. I also appreciate KVK Trivandrum for their meticulous efforts in compiling this edition of KVK Times.

Bengaluru
09 March 2023


(V Venkatasubramanian)
डॉ. वी. वेंकटसुब्रमण्यन
Director, निदेशक



MESSAGE

Krishi Vigyan Kendra, the farm science centre of Indian Council of Agricultural Research (ICAR), New Delhi aims at the assessment of location specific technologies in agriculture and allied enterprises through technology assessment, refinement, and demonstrations throughout India. KVKs function as Knowledge and Resource Centre of agricultural technologies to bridge the gap between research system, extension system and farmers. Every KVK has a multidisciplinary team in agriculture and allied sectors for the upliftment of farming community. KVKs plays a vital role in increasing agriculture productivity to enhance the income of farmers. ICAR KVK, Thiruvananthapuram was established in 1979 at Mitraniketan to work for transfer of recent technologies in the field of agriculture.

The team ICAR ATARI Zone XI under the dynamic leadership of Dr.V.Venkatasubramanian, Director is performing a pivotal role for the betterment of the farmers. KVK Times is a good initiative for showcasing all the major activities of KVKs in Zone XI, on a fortnightly basis. I feel privileged be closely association with the KVK. I take this opportunity to congratulate Senior Scientist and Head and his dynamic team for bringing out this edition of KVK Times.

ICAR-KVK, Thiruvananthapuram team deserves appreciation for their impressive effort.

Dr. Jacob John
Director of Extension
Kerala Agricultural University





FOREWORD

Krishi Vigyan Kendra, the Farm Science Centre of Indian Council of Agricultural Research (ICAR), New Delhi aims at the dissemination of location specific technologies in agriculture and allied enterprises through technology assessment, refinement, and demonstrations throughout India. KVKs function as Knowledge and Resource Centre of agricultural technologies to bridge the gap between research system, extension system and farmers. Every KVK has a multidisciplinary team in agriculture and allied sectors for the upliftment of farming community. KVKs play a vital role in increasing agriculture productivity to enhance the income of farmers. ICAR KVK, Mitraniketan, Thiruvananthapuram was established in 1979 at Mitraniketan, Vellanad, with the farsighted vision of our Founder Chairman Padmashree (late) K. Viswanathan to work for the holistic development of farmers of Thiruvananthapuram district through transferring viable technologies and ensuring access to quality farm inputs.

The team ICAR ATARI Zone XI under the dynamic leadership of Dr. V.Venkatasubramanian is playing a pivotal role for the betterment of the farmers. Documentation of field level research & extension activities is extremely important for furthering technologies in agriculture and KVK Times is a good initiative for showcasing all the major activities and achievements of KVK in Zone XI on fortnightly basis. It will also help in boosting the morale of KVK staff as well as increase the exposure and cross learning among KVKs. I feel privileged to guide, monitor and work in close association with KVK at Mitraniketan. I take this opportunity to congratulate Dr. Binu John Sam, Senior Scientist & Head, and his team for bringing out this edition of KVK Times.

Sethu Viswanathan

Sethu Viswanathan
Chairperson





ACKNOWLEDGEMENT

It is a matter of great privilege for me to express my profound gratitude to Dr. V. Venkatasubramanian, Director, ICAR-ATARI, Zone XI, Bengaluru for providing us with an opportunity to bring out the 40th issue (vol 1) of KVK Times of Zone – XI for this fortnight from 16th to 28th February, 2023.

I would like to extend my profound gratitude to Dr. B.T. Rayudu, Principal Scientist and nodal officer of our KVK for his all-round encouragement in the multifaceted extension approaches of our KVK.

Words of gratitude are due to all the Principal Scientists, Scientists and staff of ICAR – ATARI, Zone XI, Bengaluru for their constant support to move positively during execution of all our activities.

I sincerely thank Smt. Sethu Viswanathan, Director, Mitraniketan and Dr. Reghu Ramadas, Joint Director, Mitraniketan for their constant support and encouragement in implementation of KVK activities and overall development of KVK to serve the farming community.

I wish to place on record our sincere thanks to all my fellow scientists and colleagues of KVK family of ATARI Zone-XI for their sustained efforts in sharing the requisite information in time which largely helped to precisely compile and bring out the final edited issued of KVK Times for the second fortnight of February 2023.

I profusely thank all the scientists and staff of my KVK for their unstinted support in compiling the KVK Times and offering valued suggestions to bring out this issue in the most befitting manner.

Dr. Binu John Sam
Senior Scientist & Head





TRIVANDRUM

CONTENTS

ICAR KVKS

1.	KVK Alappuzha	01	25.	KVK Kolar	25
2.	KVK Bagalkot	02	26.	KVK Kollam	26
3.	KVK Ballari	03	27.	KVK Koppal	27
4.	KVK Bengaluru Rural	04	28.	KVK Kottayam	28
5.	KVK Belagavi-I	04	29.	KVK Kozhikode	28
6.	KVK Belagavi-II	05	30.	KVK Lakshadweep	30
7.	KVK Bidar	08	31.	KVK Malappuram	30
8.	KVK Chamarajanagara	09	32.	KVK Mandya	32
9.	KVK Chikkaballapura	10	33.	KVK Mysuru	34
10.	KVK Chikkamagaluru	10	34.	KVK Palakkad	36
11.	KVK Chitradurga	11	35.	KVK Pathanamthitta	37
12.	KVK Dakshina Kannada	12	36.	KVK Ramanagara	38
13.	KVK Davanagere	14	37.	KVK Shivamogga	40
14.	KVK Dharwad	15	38.	KVK Thrissur	41
15.	KVK Ernakulam	16	39.	KVK Thiruvananthapuram	43
16.	KVK Gadag	17	40.	KVK Tumakuru-I	48
17.	KVK Hassan	18	41.	KVK Tumakuru-II	49
18.	KVK Haveri	19	42.	KVK Udupi	50
19.	KVK Idukki	20	43.	KVK Uttara Kannada	51
20.	KVK Kalaburagi-I	21	44.	KVK Vijayapura-I	52
21.	KVK Kalaburagi-II	22	45.	KVK Vijayapura-II	53
22.	KVK Kannur	23	46.	KVK Wayanad	54
23.	KVK Kasargode	23	47.	KVK Yadgir	55
24.	KVK Kodagu	24			



ICAR-KVK ALAPPUZHA

Foliar nutrition of nano urea in paddy using drone demonstrated



Foliar nutrition of nano urea for paddy crop using drone was carried out in 16 ha area in Vallikunnam and Thamarakulam Panchayaths as FLD on 'Aerial spray of Nano urea for enhanced nutrient efficiency and profitability in paddy' on 22.02.23. This was done in collaboration with department of agriculture as a component of the package of ICM technologies adopted by 40 paddy farmers. The aerial spraying of the nano urea using drone saves labour cost, time and result in better nutrient efficiency.



Experience of the KVK on 'Value Chain development' shared in 'VAIGA'

Sixth edition of the State Level Farm meet - VAIGA (Value Addition for Income Generation in Agriculture) organized by the Dept. of Agriculture, Govt. of Kerala with the theme 'Developing value chain in Agriculture' is organized from 25th February to 2nd March, 2023 at Thiruvananthapuram.



Farmers' group of Muttar Panchayath, where foliar nutrition of 'KAU multi nutrient mix sampoorna' was demonstrated last year, adopted the technology at their own cost during this year which shows that the drone technology is getting popular among farmers of Kuttanad region in Alappuzha where group farming of paddy is followed. Smt. Biji Prasad, President, Vallikunnam Grama Panchayath, Sri. J. Ravindra Nath (Ward Member) and Sri. M. Nikhil (Agricultural Officer) were present on the occasion in which Dr. K. Sajnanath (SMS, Soil Science) explained the relevance of Foliar nutrition technology in the crop production scenario.



Experience of KVK-Alappuzha in production, processing and value addition, and marketing of turmeric along with capacity building of farmers and groups in the sector through a value chain approach for the last 10 years, was presented in a session on 'Value chain Development in Horticultural Crops' by Dr.P.Muralidharan, Head, KVK on 27th February 2023. The farm meet audience comprised of entrepreneurs, start up representatives, farmers, students and farm media persons.



ICAR-KVK BAGALKOTE

On Campus training programme on Sheep and Goat rearing



On Campus training programme was organized on Sheep and Goat rearing from 20.02.2023 to 22.02.2023, for 3 days at KVK Bagalkote. About 23 farmers and 9 farm women participated in the programme. Three days programme consisted of lectures, demonstrations and field visit on various aspects of Sheep and Goat rearing. Dr. Venkanna Balaganur, Scientist (Animal Science) coordinated the training programme.



In the inaugural session on 20.02.2023, Dr. Mouneshwari R Kammar, Sr. Scientist and Head, KVK Bagalkote stressed upon the facilities available in KVK Bagalkote and importance of sheep and goat rearing in the present days context. On Campus training programme on Ensuring Food and Nutritional Security under G20 is also conducted on this occasion.



Sheep and Goat rearing is an integral part of agriculture which a farmer can take up with little investment she added. Dr. Siddappa C Angadi, Sr. Technical Officer (Soil Science) coordinated the programme. More than 30 farmers, Scientists from KVK and other staff were present on this occasion.

On Campus training programme combined with online telecast of Hon'ble PM Kisan Samman Nidhi (PM-KISAN Scheme) release of 13th installment Programme



On the eve of release of 13th installement of PM Kisan Samman Nidhi direct telecast, a programme was arranged on 27.02.2023 at KVK Bagalkote live streaming of Hon'ble PM Shri Narendra Modiji releasing 13th installement of the PM Kisan Samman Nidhi to more then 8 crore farmer's families amounting to over Rs. 16000 crores directly into their bank accounts.

Programme was inaufurated at KVK Bagalkote by Shri P. C. Gaddigoudar, Hon'ble member of parliament, Bagalkote. After inauguration, he addressed farmers regarding the facilities available with various schemes. He also stressed upon PM Kisanscheme which is the largest scheme in the entire world, which is helping the farmers.





Dr. Mouneshwari R Kammar, Sr. Scientist & Head, KVK Bagalkote, delivered the lecture on facilities available at KVK and urged farmers to utilize these facilities and avail the knowledge on technologies of crops of the Bagalkote district.

Scientists of KVK and more than 60 farmers participated in the programme. Training was coordinated by Dr. Siddappa C Angadi, Sr. Technical Officer, KVK Bagalkote. Officials from Department of Agriculture, DAESI students participated in the programme.

Field day on New Safflower variety A-2020



Field day on New Safflower variety A-2020 was organised on 23.02.2023 by Krishi Vigyan Kendra Bagalkote at Niralakeri village of Bagalkote taluka, On this occasion Dr. Dinesh kumar Scientist (Agronomy) KVK Bagalkote gave detailed information to farmers about New Safflower variety A-2020 cultivation practices to achieve higher yields.

ICAR-KVK BALLARI

Capacity building programme on e-agri marketing and natural farming



ICAR-KVK, Ballari organized capacity building programme on e-agri marketing and natural farming in collaboration with National Seed Corporation, Ballari and ICAR-IISWC, RC, Ballari respectively on 17-02-2023 and 23-02-2023. Expert from e-NAM Mr. K.G. Mahesh made a presentation on e-marketing of agriculture commodities and how FPO's can have a benefit from the actively. Mr. A. Ahmed Raza, Regional Manager, NSC, Bengaluru presided over the function in which 70 farmers from different FPO's took part. On 23-02-2023, three days CBP on 'natural farming' was inaugurated at ICAR-IISWCRI, Ballari and Senior Scientist and Head, KVK, Hagari, Dr. Ramesh, B.K., participated as chief guest.



He addressed 25 farmers selected from across the district about importance of natural farming in preserving our ecology and getting healthy food for ourselves. Farmers were taken to field of Sri. Ravikumar, Ibrahimapura who has been practicing natural farming since three years for hands on training.

Dr. B.S. Naik, Head, ICAR-IISWCRI, Ballari in his presidential addressed urged farmers to spread the message of training to their fellow farmers at their places and let the essence of natural farming attract more. Soil Scientists of KVK, Dr. Ravi, S., detailed on steps to get on with the natural farming in the beginning for achieving sustainability in the long run.



ICAR-KVK BENGALURU RURAL

Exposure visit to the farmers of the district on 23.02.2023 to National Horticulture Fair 2023



ICAR-KVK Hadonahalli, Bangalore Rural District organized an exposure visit to the farmers of the district on 23.02.2023 to National Horticulture Fair 2023 (NHF-2023) at ICAR-IIHR, Hesaraghatta, Bengaluru.

ICAR-KVK BELAGAVI-I

Farmers Study Tour to IIHR Bengaluru National Horticulture Fair-2023



ICAR BIRDS Krishi Vigyan Kendra, Tukkanatti, Belagavi-1 organised one day farmers study tour to Indian Institute of Horticulture Research, Hesaraghatta, Bengaluru for National Horticulture Fair 2023. KVK Belagavi-1 was instructed to mobilise the SC farmers to the fair. Selected 39 Schedule Cast farmers from 4 talukas (Mudalagi, Raibag, Hukkeri and Gokak) visited the National Horticulture Fair on 24-02-2023.

Live demonstration of Horticulture crop hybrids and varieties are the main attraction of the event. Neem based organic Integrated pest and diseases management models in Tomato, Cabbage and other vegetables.

In National Horticultural Fair latest technologies and varieties pertaining to plantation, fruit, vegetable, flower, aromatic and medicinal crops were demonstrated in a systematic way. A total of 50 farmers were benefitted by this exposure visit and acquired knowledge of various aspects like pollination in protected cultivation, leaf curl virus resistant chilli varieties, carotenoid content rich marigold varieties, flower waste utilization, terrace gardening solutions for urban horticulture and cost-effective traps for management of invasive pests.



In fruits crops Ultra High-Density Planting Orchards, Mixed fruit orchard with field crops, vegetables and forestry unit also Canopy management training and pruning in fruit crops. Management training and pruning in fruit crops. Excellent flower crops varieties and hybrids exhibition. Technologies with integrated farming systems are focal point in exhibition.

Resource full stalls from different stakeholders from the southern states of the country. Totally National Horticulture Fair depicts that IIHR Bengaluru is horticulture technology hub in India. After witnessing the NHF Farmers are felt very happy to be part of the tour and showed interest in adopting horticulture technologies.



ICAR-KVK BELAGAVI-II

Wheat Field Day



ICAR-KLE Krishi Vigyan Kendra, Mattikopp organized Wheat Field Day on 16.02.2023 at Sangal village of Ramdurg taluk in collaboration with Directorate of Wheat Development, Ministry of Agriculture and Farmers Welfare, Government of India, New Delhi, University of Agricultural Sciences, Dharwad and Department of Agriculture, Belagavi under the project entitled “Enhancement of Wheat Productivity through Bio-fortified aestivum/durum/dicoccum wheat production technologies through Cluster Demonstration, Farmers Training and National Seminar”.



Our KVK is acting as coordinating centre for popularizing Bio-fortified wheat variety MACS-4028 and MACS-4058. The wheat field day was inaugurated by Dr. Vikranth Singh, Joint Director, Directorate of Wheat Development, Gurugram. During his inaugural address expressed that malnutrition is one of the serious problem faced due to consumption of imbalanced diet. Hence, to overcome this problem and to build nation health through encouraging cultivation of bio-fortified varieties is most sustainable and cost effective approach where the nutrients reach the largest people in natural form.



Dr. Kumar Lamani, Principal Scientist, AICRP on Wheat, UAS, Dharwad highlighted about the different methods of seed priming and agronomic practices to be followed in wheat. Dr. Gurudatt Hegde, Scientist, AICRP on Wheat stressed on management of pest and disease in wheat.



Dr. S. S. Hiremath, Scientist (Plant Protection) highlighted the salient features of wheat varieties MACS-4028 (the variety is high in protein content by 14.7%, Zinc 40.3 ppm and Iron 46.1 ppm) and MACS-4058 (Protein (12.82%), Zinc (37.8 ppm) and Iron (39.5 ppm). Shri B.S. Kongawad, Deputy Director of Agriculture, Belagavi briefed about the schemes of Agriculture Department.

Carrot Field Day



Field Day on carrot was organized in farmers field at Nesargi village, Bailhongal taluk on 23.02.2023. Nesargihobli is known for production of carrot during Kharif season and farmers prefer to grow Taki seeds hybrid as it is high yielding.



Simultaneously farmers encounter the problem of cracking in carrot resulting in poor market acceptability. Looking into the farmers problem, KVK addressed this through shifting of the season for cultivation of carrot during the Rabi season.



As the result of Frontline Demonstration, the crop stand was excellent and to convenience the technology a field day was organized. Shri Praveen Yadahalli, Scientist (Horticulture) highlighted about adoption of application of nutrients and cultivation practices to be followed for getting good yield. Dr. S.S. Hiremath, Scientist (Plant Protection) explained on management of pest and disease in carrot. Mrs. Sheela Murgod, Senior Assistant Director of Horticulture, Bailhongal witnessed the performance of the hybrid during Rabi as compared to the Kharif and urged the famers to cultivate this variety during Rabi season. The officials and farmers witnessed the harvest of the carrot which yielded around 500 kg on the first day of harvest.

Bengal gram Field Day



Bengal gram field day was organized to popularize the new variety BGD 111-1. The field day was arranged at Shri Rajshekar Angadi farm. KVK has guided the farmers to dibble the seeds on raised bed by installing drip irrigation system.

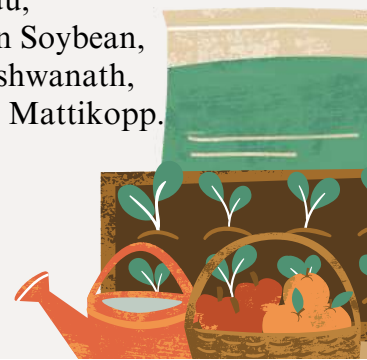
The raised bed was mulched with soybean crop residue. The farmer has used 11 kg of seeds to dibble/acre. The spacing maintained was 60 x 20 cm which has resulted in increased number of pods by 200-220 no/plant as compared to check 80-90 no. of pods/plant.

Bengal gram field day was organized to popularize the new variety BGD 111-1. The field day was arranged at Shri Rajshekar Angadi farm. KVK has guided the farmers to dibble the seeds on raised bed by installing drip irrigation system. The raised bed was mulched with soybean crop residue. The farmer has used 11 kg of seeds to dibble/acre. The spacing maintained was 60 x 20 cm which has resulted in increased number of pods by 200-220 no/plant as compared to check 80-90 no. of pods/plant. The farmers appreciated the growth of the crop with higher number of pods/ plant and were convinced by the technology for getting higher yield by adopting sowing of seeds through dibbling on the raised beds.

Visit of Director, ICAR-IISR, Indore to KVK seed production plots



Dr. Kunwar Harendra Singh, Director, ICAR-IISR, Indore visited soybean seed production fields in Bailhongal taluk along with Dr.Sanjay Gupta, Principal Scientist, ICAR-IISR, Indore, Dr.G.K. Naidu, Soybean Breeder, AICRP on Soybean, UAS Dharwad and G.B. Vishwanath, Scientist Agronomy), KVK, Mattikopp.



The Director discussed with farmers on importance of off-season soybean seed production, precautions to be taken during process of seed production, certification procedures and monitoring benefits to the farmers. He also provided advisories to the field problems of the farmers during seed production to maintain purity of the seed.



Natural Farming Awareness programme

KVK conducted Mega Awareness Campaign on Natural Farming during second fortnight of February 2023 in Belagavi district. The campaign was initiated with two vehicles fitted with banners on concept, importance and methodology of adoption of natural farming at low cost of cultivation towards sustainability in food production.

The vehicles were provided with audio jingles which broadcasted in villages to create awareness about natural farming, its uses and methodology on preparation of inputs like beejamruta, jeevamruta, neemastra, etc. The posters on natural farming were pasted in the prominent places of the villages and handouts were also provided to the individual farmers participated in the awareness programme in the villages. During the campaign, S.M. Warad, Scientist (Soil Science) explained the concept, importance, principles and need for adoption of natural farming practices as better option for chemical free farming.

The vehicles were provided with audio jingles which broadcasted in villages to create awareness about natural farming, its uses and methodology on preparation of inputs like beejamruta, jeevamruta, neemastra, etc.



The posters on natural farming were pasted in the prominent places of the villages and handouts were also provided to the individual farmers participated in the awareness programme in the villages. During the campaign, S.M. Warad, Scientist (Soil Science) explained the concept, importance, principles and need for adoption of natural farming practices as better option for chemical free farming.



He also interacted with farmers and explained on the ingredients required like cow dung, cow urine, pulse flour etc and method demonstrated on preparation of beejamruta, jeevamruta, ghanajeevamruta and neemastra, agni astra, dashaparani etc., Mrs. Sridevi Angadi, Senior Scientist and Head and KVK Scientists took part in the campaign. The entire campaign successfully reached around 23,000 farmers and imparted knowledge on natural farming in the district.



ICAR-KVK BIDAR

Field Day on Linseed crop



Linseed/Flax (*Linum usitatissimum* L.) is one of the oldest crop plants cultivated for the purpose of oil and fibre. It is mainly cultivated as an annual rabi oilseeds crop under input starved and moisture stress situation. ICAR-Krishi Vigyan Kendra, Bidar conducted the field day on ICM in Linseed with variety RMLS-11 under Frontline Demonstration, in the field of Shri Prabhushetti Uchekar from Morambi village of Bhalki taluk, Dist Bidar on 17.02.2023.



Also he provided the information about agronomical and plant protection practices of linseed crop. Shri Prabhushetti Uchekar, Progressive farmer presided over the function and appreciated the KVK for providing the newly released and high yielding linseed variety seeds to the farmers for popularization.



Dr. Sunilkumar N M, Senior Scientist and Head, ICAR KVK, Bidar and Chief Guest of the function asked the farmers to adopt ICM practices for getting the higher yield and to have sustainable income. The special feature of linseed variety RLMS-11 which matures between 100 to 110 days, non-shattering, resistant to powdery mildew, moderately resistant Alternaria blight, oil content is raises from 34-35% with highest yield and suitable for the mechanical harvesting.



Dr Ningdalli Mallikarajun, Scientist (Horticulture), Dr Akshaykumar, Scientist (Animal science) of ICAR-KVK, Bidar participated and interacted with farmers. About 46 farmers were participated in the field day and got benefitted.



ICAR-KVK CHAMARAJANAGRA

Multi Stakeholders' Meet for Spices and Coffee value chains



Multi stakeholders' meeting for Spices and Coffee value chains was jointly organized by IDH and PxD with support from the Walmart Foundation on 21.02.2023 at ICAR KVK Chamarajanagara. The programme was inaugurated by the following dignitaries Mrs. Hitha Suvarna, DDM, NABARD, Bengaluru, Mr. Kumar, Scientific Officer, Spices Board, Sakhleshpura, Mr. Unmesh Brahme, Marketing Director, IDH, Mr. Shivaprasad, DDH, Department of Horticulture, Chamarajanagara and Dr. Yogesh G. S., Senior Scientist and Head, ICAR KVK Chamarajanagara. In the programme, CEOs and member representatives from various FPOs, companies and scientists of KVK were present.



In the programme, CEOs and member representatives from various FPOs, companies and scientists of KVK were present. Mrs. Hitha Suvarna stressed the importance of marketing in the present agriculture system and appreciated the efforts of KVK for bringing up more developmental activities in Turmeric crop.

Mr. Kumar highlighted the importance of spice crops where India is leading in both cultivation and export of spices and Karnataka holds a significant position in spice production in India. He also addressed that Turmeric is one of the major spice crop where Karnataka stands 3rd in its cultivation next to Telangana and Maharashtra. Chamarajanagara is one such district which has highest area under Turmeric cultivation. He urged to maintain the quality standards to meet the export criteria and provided information about the facilities available in the spices board specifically the subsidies for machineries to the authorized FPOs.

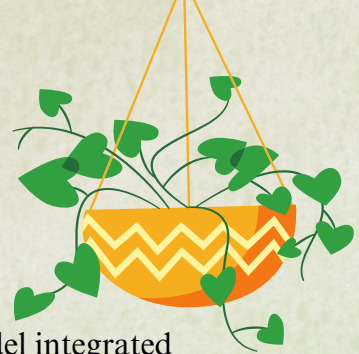


Dr. Yogesh G. S., addressed the gathering by providing the information about the technological interventions developed by KVK for Turmeric towards up scaling its production. Dr. Mohan Kumar A. B., Scientist (Horticulture), delivered lecture on the production and varieties of Turmeric and value chain development scope in Chamarajanagara. At the end of the programme, a discussion was organized among the representatives, farmer groups and lead farmers to explain their priorities with a vision to drive responsible sourcing and sustainable rural livelihoods. Chemical residues like chloropyrifos and metalaxyl found in the turmeric powder in Chamarajanagara district is the major reason for not meeting the export standards was the concern expressed by the companies. In order to address this issue use of bio agents is recommended by KVK which promotes organic cultivation. As a part of the programme, improved varieties of Turmeric were displayed through a mini exhibition.



ICAR-KVK CHIKKABALLAPURA

Visit to Nursery unit



Explaining about scientific mulberry cultivation and silk worm rearing

Farmers from Tamil Nadu state visited ICAR-Krishi Vigyan Kendra, Chikkaballapura on 28.02.2023. Mrs. Aruna G.R, Technical officer explained about scientific mulberry cultivation and silk worm rearing.

Farmers were taken to model integrated farming system demo unit, bio craft unit, vermicompost unit and model nursery. Soft wood grafting procedure was explained through method demonstration.



Visit to Nursery unit

ICAR-KVK CHIKKAMAGALURU

Inauguration of 6 days capacity building programme on FOCT palm climbing



ICAR Krishi Vigyan Kendra, Chikkamagaluru has organized the inauguration of 6 days capacity building programme on FOCT palm climbing under Coconut Development Board scheme on 27.02.2023 at Krishi Vigyan Kendra, Chikkamagaluru. Dr. A.T. Krishnamurthy, Senior Scientist and Head, KVK, Chikkamagaluru, in his introductory speech he briefed that, inadequate transfer of technologies from research institute to farmer's field is one of the main constrains in increasing production and productivity of Coconut in our country.

Developing a special skill in palm climbing machines can be very useful to farmers since it reduces drudgery, gathering the nuts and helpful for spraying pesticides to the Coconut palm and also advised the participants to adopt this technology and disseminate it to other farming communities.



Dr. Suresh Kumara, B., Scientist (Horticulture), KVK, Chikkamagaluru and Programme Coordinator of FOCT palm climbing, explained that, main objective of this capacity development programme is to impart training to a group of unemployed youth





Dr. Shivaprasad, M, ADE, ZAHRS, Mudigere and in his presidential remarks he briefed that, this FOCT training programme provides practical session on coconut climbing and detail information on coconut cultivation, special horticulture practices, varieties information, harvesting and plant protection identification and its management.

Further, advised the participants to utilize this 6 days capacity development programme to increase the level of adoption of the technologies to increase production. On this occasion Dr. Girish R, Scientist (Plant Protection), Dr. Ullasa, M.Y, Scientist (Agronomy) and Dr. Prashanth Kumar, G.M, Scientist (Soil Science), Krishi Vigyan Kendra, Chikkamagaluru were attended and total 20 participants were attended got benefit out of it.

ICAR-KVK CHITRADURGA

Coconut Field Day on Whiteflies of Coconut



The programme of Coconut field Day on use of bio-agents to avoid invasion of whiteflies on coconut was organized by the Department of Agriculture in collaboration with ICAR-KVK, Chitradurga and ICAR –NBAIR, Bangalore on 21-02-2023 at Sanihalli village, Hosdurga Tq, math coconut garden in the presence of Swamiji Shree Panditaradhyha Shivacharya. Nearly hundred farmers were participated in the programme to know about the usage of Bio-agents to control invasion of whiteflies.

For this programme Dr.Onkarappa, Scientist (Plant Protection), KVK Chitradurga and Dr.J. M. Saraswathi, Scientist (Home Science), KVK Chitradurga were participated as a resource persons.

Dr.Onkarappa, Scientist (Plant Protection), KVK Chitradurga and Dr. Selvarak.K., ICAR –NBAIR both of them explained 472 whiteflies belonging to 72 genera are known to breed on Agricultural, Horticultural and Forestry crop plants. Out of these crops coconut is one among them.

Nymphs and Adults of whiteflies were sucking sap the continuously and deplete nutrients from host plants resulting in Necrosis, Loss of vigour, drying and drooping of leaflets causing indirect damage through sooty mould development was noticed on infested palms resulted in wilting of plants.

Shree Panditaradhyha Shivacharya Swamiji participated very actively in this programme and convinced farmers about the usage of Bio-agents to avoid damage causing by whiteflies on coconut crop and application of fertilizers as per the Recommendation.





Swachatha Abhiyan programme



A programme on Swachatha Abhiyan, waste into wealth using waste in organic produce was organized by KVK, Chitradurga at KVK premises on 20-02-2023. Dr. Kumara, Sr. Scientist and Head, KVK discussed about the importance of cleanliness in surroundings as well as in agricultural farms.

He also discussed about the measures to be taken in management of parthenium weed and utilizing it for composting purpose. Uses of millets and fruits and vegetables were also discussed.

Dr.Saraswathi, Scientist (Home Science) briefed about the SHG concept, minimum size of the group, principles of SHG's, documentation in the group, change of representatives on rotation basis, role of members of the group and importance of EDP in SHG's.

Dr.Preethi, Scientist (Extension) discussed about importance of women empowerment, activities to be taken up by SHG's to improve their economic condition. Utilization of revolving fund to generate income and get the profit from it. Self- help group members were asked about the activities taken up by then and also explained about the importance of exposure visits arranged for them.



40 farm women from Yalanadu village of Chikkanayakanahally taluk of Tumakurudistrict have participated in the programme and Mrs. GeethaKumari hosted the programme.

ICAR-KVK DAKSHINA KANNADA

Friends of Coconut Tree (FoCT) - Palm Climbing Training Programme



The ICAR-KrishiVigyan Kendra (Dakshina Kannada) Mangaluru has organized the Six days training programme as part of the 'Friends of Coconut Tree (FoCT) Palm Climbing Training Programme' sponsored by Coconut Development Board.

(Ministry of Agriculture and Farmer welfare, Government of India) Regional Office Bengaluru from 06 to 11February, 2023 at ICAR-KVK (D.K), Mangaluru to impart skill for unemployed youth in the art of climbing coconut tree as well as to take up the plant protection measures. The training programme was inaugurated by Dr. Ramesha T. J. Senior Scientist and Head.





Dr. Rashmi R., Scientist (Horticulture) and coordinator of the training programme, Dr. Mallikarjun L., Scientist (Soil Science), Dr. Kedarnath, Scientist (Plant Protection), Mr. Jeevan (Programme Coordinator) BVT Manipal, Mr. Lathesh, Financial Literacy Counselor, Financial Literacy Centre, Mangaluru Dakshina Kannada and Dr. Sindhu S., Senior Medical Officer, PHC, Jeppu, Mangaluru were participated as the resource persons during the 6 days training programme.



During the last session of the training, a 'Coconut Olympics' was also conducted in which the trainees were able to climb the 40 feet palms within 75-80 seconds and Cash prize was given to the best 3 climbers got first three places.

The valedictory function of FOCT programme was organized on 10 February 2023 at ICAR-KVK, DK. Dr. Ramesha T. J. Senior Scientist and Head extended warm welcome to dignitaries, guests and participants.

Dr. K.C. Veeranna, Hon'ble VC, KVAFSU, Bidar inaugurated the valedictory function and briefed about the availability of traditional tree climbers for harvesting and to adopt timely plant protection measures was a hurdle faced by coconut growers in the major coconut growing states in India. dignitaries, invitees and participants of the training programme. During the occasion the certificates and climbing device was distributed by hon'ble Vice chancellor, Director of Extension, Dr. D. V. Kolekar, Nodal officer, ATARI, Bengaluru and Dr. Shivakumar Magada, Dean, College of Fisheries, Mangalore. Dr. N. A. Patil, Director of Extension, KVAFSU, Bidar on his presidential remarks highlighted about the employment opportunities in coconut farming by climbing the trees and also helps the youth to enhance their economic condition by this type of trainings. Dr. Rashmi R., briefed about the strategies to be adopted to combat labor scarcity issues in the district and valedictory was ended by the Vote of thanks of Dr. Shivakumar R., Asst. Professor (Veterinary Science).



ICAR-KVK DAVANAGERE

Off campus training on ICM in Banana



ICAR- Taralabalu Krishi Vigyan Kendra Conducted off campus training on integrated crop management in Banana at Basavanalu village of Davanagere taluk. Mr. H. M. Sannagoudra, SMS (Soil Science) provided information on role of micronutrients in production of Banana. Spraying of IHR Banana special @5 g/l of water can increase the yield up to 20 per cent and increases resistant to pest and diseases, he added.

Dr. Avinash T. G., SMS (Plant Protection) explained about how to identify the diseases and pest and their management in Banana. He also told that spraying of fungicides like Hexaconazole or Propiconazole @1 ml/l of water along with Banana special can reduce sigatoka leaf spot significantly.

Follow up field visit to the Summer Finger Millet FLD Plots



Follow up field visit to the FLD plots on integrated crop management in Finger millet at Hireharakere village of Jagalur taluk. Mr Mallikarjuna B.O., SMS(Agronomy) interacted with farmers and suggested to go for seed production of finger millet variety instead of seeing the produce commercially in market. Crop is at seed filling stage and irrigation through sprinkler will help in saving water. 90 percent of our FLD farmers method of irrigation is Sprinkler. Mr Mallikarjuna B.O., SMS(Agronomy) interacted with farmers and suggested to go for seed production of finger millet variety instead of seeing the produce commercially in market.

Crop is at seed filling stage and irrigation through sprinkler will help in saving water. 90 percent of our FLD farmers method of irrigation is Sprinkler.

Follow up field visit to the Summer Finger Millet FLD Plots

Attended the mechanized threshing of the NFSM-CFLD Bengal gram plots at Kattegehalli of Jagalur taluk. Farmers expressed that manual threshing takes time and more costlier than mechanized threshing. For one hour threshing charges are Rs. 2000/- and nearly 8 quintals of grains can be obtained. Manual threshing charges for 8 quintals nearly Rs. 6000/-, farmers can save Rs. 4000/-.



Mr. Mallikarjuna B.O., SMS(Agronomy) suggested that farmers should go for mechanized activities to reduce the loss and grains will be ready for market as there was no admixture of soil and crop waste materials.

Implementation of Front Line Demonstration on Arecanut

Diagnostic field visit was made to Arecanut plots in Hirekogalur village by Horticulture Scientist Mr. Basavanagowda M.G. Information on Management of sucking pests and inflorescence die back were given to Farmers. Cultivation of green manure crops during summer months as intercrop in Arecanut will help to reduce the accumulation of internal heat in the garden. However it also helps in reducing the nut drop incidence as well said by the scientist.



ICAR-KVK DHARWAD

Training Programme on “Production Technologies in Spices”



A training programme on “Production Technologies in Spices” was organized at ICAR-Krishivi Vigyan Kendra, Dharwad under Centrally Sponsored Scheme-Mission for Integrated Development for Horticulture (CSS-MIDH) on 17.02.2023. Dr. Bharati Sabarad, District Coordinator of Mahila Samakhya inaugurated the program and addressed about women's empowerment and equality. Dr. R. V. Hegde, Professor of Horticulture, UAS, Dharwad in his presidential address gave information about the production techniques of spices like tamarind, curryleaf, black pepper, coriander etc.



Dr. Akkamahadevi D. Agasimani, ICAR-Krishivi Vigyan Kendra, Dharwad gave introductory remarks and information about production techniques of spice crops, post-harvest technology, processing, value addition, packing and branding. Curryleaf and tamarind plants were distributed to the trainees. Dr. Praveen T. Goroji and Dr. Punita B. C. explained about soil fertility and soil sampling. About 45 farmers and farmer women from Kalaghatagi taluka participated.

Training Programme on “Production Technologies in Spices”

Office of the Karnataka State Department of Agriculture, Hubballi organized two training programmes on production, processing and value addition of millets at District agriculture training centre Dharwad. Dr. Geeta S. Tamgale, Scientist (Home Science), ICAR- Krishivi Vigyan Kendra, Dharwad participated as resource person on 14.02.2023 and 16.02.2023. The importance of millets, nutrients present, nutritional benefits, processing and value addition of millets were explained in detail to the participants. More than 60 farmers and farm women participated in these training programmes.



Dr. Geeta S. Tamgale, Scientist (Home Science), ICAR-Krishivi Vigyan Kendra, Dharwad and contact scientist of Raita Samparka Kendra, Dharwad participated in the field day on Nutri cereals on 17.02.2023 at Lakkamanahalli village of Dharwad taluka. Dr. Sushma Malimath, Asst. Director of Agriculture, KSDA, Dharwad and Dr. Mahadev Sarashetti, Agriculture Officer, RSK, Dharwad organized and also participated in the programme. Production technology, nutritional importance of cereals were discussed during the field day and more than 30 farmers participated.



ICAR-KVK ERNAKULAM

Field Day conducted



The KVK conducted a field day on 23rd February, 2023 in connection with the harvest of KAU Shubhra, white coloured salad cucumber demonstrated as part of the FLD project. White salad cucumber has high preference in Ernakulam district. The production potential of KAU Shubhra was compared with Snowwhite variety.



The field day was conducted at the farm of partner farmer Smt. Beena Varghese, Pollayil house near Alangad. Agriculture officer Smt. Chinnu Joseph Kattoor, Assistant Agriculture Officer Shri ShinuChenkhal and progressive vegetable farmers participated. Shri. Shoji Joy Edison, Subject Matter Specialist described scientific cucumber farming practices.

Mahila Kissan Sashaktheekaran Pariyojana (MKSP) training

KVK Ernakulam has been associating with Mahila Kissan Sashaktheekaran Pariyojana (MKSP) in Ernakulam district as technical partners of different Agro-entrepreneurial projects for the last 3 years.

On February 22nd, KVK Horticulture Subject Matter Specialist Shri. Shoji Joy Edison conducted a training on Nursery management and establishment of Nutrigardens for ICDS supervisors and Anganwadi workers of Koovappady block Panchayath at Kuruppumpadi, Ernakulam. 175 participants attended.



Live webcasting of Hon'ble Prime Minister's programme.



The KVK Ernakulam organized live webcasting of 13th release of PM Kisan Samman Nidhi on 27.02.2023 at Kisan Service Society Hall, Karumaloor. Shri Jayakumar, Secretary of the District Kisan Service Society and member farmers were present. Dr Vikas P.A, SMS (Fisheries) introduced the importance of this programme while Dr K Smita Sivadasan, SMS (Animal husbandry) explained in local language the points conveyed by the Hon'ble Prime Minister. Progressive farmers and KVK staff participated.



ICAR-KVK GADAG

TRAINING ON CASHEW AND DISTRIBUTION OF AGRICULTURE INPUTS TO SC FARMERS



ICAR-Directorate of Cashew Research, Puttur and ICAR-K. H. Patil Krishi Vigyan Kendra jointly organised distribution of agricultural inputs to the SC farmers on 17-02-2023. Dr. Eradasappa, Senior Scientist (Plant Breeding), ICAR-DCR, Puttur inaugurated the programme and provided information on various aspects of Cashew nut cultivation and then provided details of inputs to be provided mainly sickles, kurupi, rake, sprayers, nutri-garden seed kit, plastic butti, gwari, hand fork, pick axe, etc.,



Further, he briefed about the subsidy provided to the SC farmers for the establishment of Cashew orchards. Dr.Manjunath G.N., Scientist (Horticulture), ICAR-DCR, Puttur spoke on the value addition of Cashew fruit and Cashew nut could help in increasing the income of farmers. Dr.Sudha Mankani, SMS (Home Science) spoke on importance of nutri-garden and nutritional deficiency and malnutrition among children and women.

Dr.L.G.Hiregoudar, Senior Scientist briefed about the cultivation of cashew crop in Gadag district. He requested the farmers to submit applications to KVK for the development of cashew orchards. The agriculture inputs were provided to 100 SC farmers.

SEMINAR ON CASHEW CULTIVATION

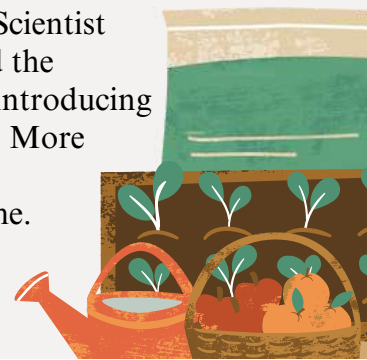
To expand the area under Cashew and to increase the income of farmers under dryland and drought prone area a Cashew Seminar was organised at KVK in collaboration with Directorate of Cashew and Coco Development, Cochin on 17-02-2023.



Dr. Eradasappa, Senior Scientist (Plant Breeding) and Dr.Manjunath G.N., Scientist (Horticulture) from ICAR-DCR, Puttur participated in the Seminar. Both Scientist briefed about the cultivation, plant protection measures, harvesting, post-harvest technology and value addition to cashew and cashew fruit. Shri G.R.Odugoudar, President, Gadag District Cashew Growers Organisation and Shri Ishwarappa Hanchinal, Vice-President, Cashew Growers Organisation, Gadag expressed their views and feedback on cashew cultivation.



Further, they said that farmers need to take up organic practices for cashew cultivation. Dr.L.G.Hiregoudar, Senior Scientist briefed about the history and the experiments taken up before introducing the cashew in Gadag district. More than 185 Cashew Growers participated in the programme.



ICAR-KVK HASSAN

Skill Training for Rural Youth



ICAR Krishi Vigyan Kendra, Kandali, Hassan organized 6 days Skill training programme on “operation and maintenance of Tractor and farm machineries” MANAGE, Hyderabad sponsored from 13-18th February 2023 at KVK Hassan and the closing function of this training was organized on 18th February 2023. Dr. Rajegowda, Senior Scientist and Head, KVK, Hassan has chaired and inaugurated the programme and in his inaugural address he mentioned that youths participating in the programme should learn the skills of repair and maintenance of tractor and farm machineries so that they can repair their machineries and thereby can reduce the expenses incurring on repair and also earn additional income by starting repair center in the rural area.



Dr. Srinivas Deshpande, Scientist (Agricultural Engineering), KVK, Hassan has organized the programme and during his introductory remarks he mentioned the status of farm mechanization in Karnataka and India. Further, he mentioned the problems of farmers in maintenance of farm machineries and also, he said this skill training will provide solution to the above problems.



Dr. Pallavi, N., Scientist (Crop Physiology), KVK, Hassan, Dr. Sakamma, S. Farm Manager, KVK Hassan, Supritha, DASEI Facilitator, KVK, Hassan, trainees were participated in the programme and the programme was anchored by Dr. Sanketh, C. V., Scientist (Agricultural Extension), KVK, Hassan.

Dr. M. Shivashankar, Scientist (Home science) KVK, Hassan said that farmers should use custom hiring centers for adopting mechanization in their farm so that they can minimize labour cost and can increase their income.





ICAR-KVK HAVERI

NICRA activities at Rahutanakatti village



During kharif 2022 there was excess rainfall (35 %) in NICRA adopted village Rahutanakatti, Ranebennur taluk. Since last two years the situation is similar due to which the crops are failed or partially successful. The rain water and soil run off have been seen due to intense rainfall. In order to sustain crops to changed climatic situation, Dr. Ashok P, Nodal Officer (NICRA) and Senior scientist and Head, Dr. Rajakumar G R, Soil scientist and Co-PI, ICAR- Krishi Vigyana Kendra, Haveri along with other staff visited Rahutanakatti. They demonstrated and taken up soil and water conservation measures such as trenches, bunds, ran off convey channelsto common streams which runs to check dams for storage of rain water and its utilization in off season.



These soil and water conservation measures were taken up through convergence with line departments. Demonstrations on nutrient management, new variety introduction and integrated crop management practices in maize, Bt.cotton, redgram (GRG-152) groundnut (Dh-256, Kadari Lepakshi) and rabi sorghum (SPV-2217).



In order to have long term benefit to farmers, horticultural planks viz., coconut, sapota, drumstick, curryleaf and forest plants mahogany have been given to selected farmers to plant in their agricultural fields. The crops demonstrated (integrated nutrient management, new variety and integrated crop management) have performed well and gave 10-25 % higher yield as compared to previous year farmers practice.

To provide feed to the sheep (one of the major farming activity in the village) Subabul seedlings have been provided to selected farmers. Growth and development of sheeps performed well by feeding the Subabul choppings.



ICAR-KVK IDUKKI

Exposure visit to ICAR- IIHR Bengaluru in respect of National Horticulture Fair – 2023



ICAR-KVK(BSS), Idukki from 1995 onwards works for the empowerment of farming community in Idukki district. To widen up the group dynamics among the farmers a mass range awareness training, campaigns and meetings were organized. As a part of this, An Exposure visit and participation in National Horticulture Fair-2023 organized by ICAR-Indian Institute of Horticulture Research, Bengaluru during 22nd to 25th February 2023.



In this regard, KVK Idukki mobilized 120 contact farmers to ICAR-IIHR, NHF-2023 by team coordinators of KVK staff Dr. S. Jayababu, SMS (Animal husbandry), ICAR-KVK, Santhanpara and Mr. Sudhakar Soundarajan, SMS (Plant Protection), ICAR-KVK, Santhanpara and briefed about agriculture exhibition and a visit was organized to various stalls, The farmers were visited many Exhibition stall arranged by Karnataka KVKs as well as Indian Institute of Horticulture Research, Bengaluru.

In the first stall, various technologies and information related to cultivation practices of agriculture & horticulture crops, soil and water conservation practices, Integrated Farming System, micronutrients, vermicomposting, earthworms were showcased. The information and inputs such as Jeevamrutham, Neem soap, Pongamia soap related to Natural Farming and live samples grown under natural farming system were exhibited in the second stall. The technologies related to Animal Husbandry like fodder crops suitable for dryland, enrichment of dry fodder, etc., were exhibited in third stall.



In the fourth stall the technologies related to farm women like improved Chula's, drudgery reduction equipment's, various home products prepared by women entrepreneurs, Nutri-Garden etc., were showcased. In the next stall various Millets and its nutritional composition, its importance of Millets in daily diet and the value-added products of millets were exhibited on a large scale. The various millets that can be grown under drylands such as Foxtail Millet, Little Millet, Barnyard Millet, Kodo Millet, Bajra, Ragi, etc., were exhibited. The various value-added products of millets suitable for daily consumption created an alarming awareness. The farmers expressed their willingness for growing and consumption of millets in their daily diet.





In the next stall various pickles displayed from byproducts of Banana flower, Colacasia leaf, Drumstick leaf etc. The various agricultural equipment like mini tractor, tractor operated straw mulcher, groundnut digger, chaff cutter, cotton mobile shredder, rotavator, tractor operated grain grader, solar operated Night lamps, spiral separator and various hand tools. The Entrepreneurs promoted by KVK participated in exhibition and made sales of various value added products and millets.

The various literatures like books, brouchers, leaflets etc., related to agriculture crops, natural farming and agro enterprises were distributed to farmers, farm women, rural youths and school children. On the whole, the agriculture exhibition made good impact on farming community.

ICAR-KVK KALABURAGI-I

Pre Action Plan 2023-24 of KVKs held at UAS, Raichur

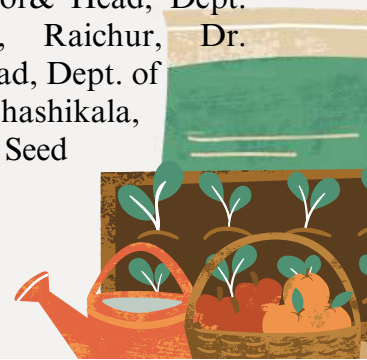


University of Agricultural Sciences, Raichur was organised pre-action plan 2023-24 for 7 KVKs of University of Agricultural Sciences, Raichur jurisdiction and Director of Extension, UAS, Raichur in collaboration with ATARI, Zone XI, Bengaluruat ICAR-KVK, Raichur, University of Agricultural Sciences, Raichur.

The programme was inaugurated by Dr. M. K. Naik, Director of Extension, University of Agricultural Sciences, Raichur. In this occasion Dr. Prahlad, Senior Scientist & Head, ICAR-KVK, Raichur welcomed, Dr. B. M. Dodamani, Associate Director of Research, UAS, Raichur participated in the programme. Expert panel (University department heads) of UAS, Raichur and provided valuable suggestions were given by them to improve the Action plan 2023-24 and welfare of the farming community to the Senior Scientist & Heads and Scientists of all seven KVKs of UAS, Raichur.

Dr. Raju G. Teggelli, Senior Scientist & Head presented Kalaburagi district Agro-climatic situation, rain fall data of 2022 and previous years of Kalaburagi district, KVK staff position and different demo units, cluster villages, major agriculture problems faced by farmers and identified thrust areas. Scientists of ICAR-KVK, Kalaburagi- I presented their respective action plans for the year 2023-24 in the above sequence mentioned. The suggestions given by Director of extension, Dr. M. K. Naik and expert panel at university headquarters were noted. The details with respect to each scientist have been presented discipline wise to the forum.

As a part of this programme, Dr. Prabhuraj, Professor & Head, Dept. of Agriculture Entomology, UAS, Raichur, Dr. JagaJiwan Ram, Professor & Head, Dept. of Animal Science & Fisheries, UAS, Raichur, Dr. Ayyanagoudar, Professor & Head, Dept. Agriculture Engineering, UAS, Raichur, Dr. Amaregouda, Professor & Head, Dept. of Crop Physiology, UAS, Raichur, Dr. Mahadev Swamy, Professor & Head, Dept. of Microbiology, UAS, Raichur, Dr. Nidgundi, Professor & Head, Dept. of GPB, UAS, Raichur, Dr. Shashikala, Professor & Head, Dept. of Seed Technology,





Raichur, Dr. Yanjeerappa, Professor & Head, Dept. of Plant Pathology, UAS, Raichur, Dr. Bhavani, Professor & Head, Dept. of Home Science, UAS, Raichur, Dr. Ramesh, Asst. Professor (Rept.), Dept. of Horticulture, UAS, Raichur, Dr. Vijaykumar Palled, Asso. Professor (Rept.), Dept. of Farm Machinery, UAS, Raichur, Dr. Raghavendra B T, Assistant Professor and Technical officer to DE office, UAS, Raichur and Dr. Hadimani, Assistant Professor and Technical officer to DE office, UAS, Raichur were participated as a subject resource persons and gave valuable suggestions to the scientists. In this programme All 7 KVKs Senior Scientists & Heads, Scientists and staffs were participated.

ICAR-KVK KALABURAGI-II

Kalaburagi district schedule caste farmers to National Horticultural Fair-2023 at IIHR, Hesaraghatta, Bengaluru



There was National Horticultural Fair-2023 from 22-25th February 2023 at IIHR, Hesaraghatta, Bengaluru under the theme of "Innovative Horticulture for Self-Reliance". In this regard ATARI, Bengaluru has funded for one day trip to IIHR, Hesaraghatta Bengaluru.

ICAR-KVK, Kalaburgi-II selected 54 interested horticulture farmers from schedule caste community of Kalaburgi dist. Travelled and visited on 24th February 2023 by hiring KSRTC, Bus along with Dr. Chethan T, Scientist (Horticulture) and Mr. Sanjeevkumar Patil, Technical officer (Computer) as a coordinators.

Visited and explained different demonstration plots, technologies viz., Solar powered vending carts, Minimal processing units, Fruit harvesters, sorting machines etc., and also different varieties of fruits, vegetables and flowers after seeing all these some farmers' given feedback about IIHR and NHF as Kashi of Horticulture farmers and must visit place for farmers like this they were inspired. Grateful to ATARI, Bengaluru for making this opportunity to farmers and amazing moments.



ICAR-KVK KANNUR

Training on Natural Farming



KVK Kannur organized 2-day training programme on natural farming at Pilathara on 24 and 25 February 2023 in collaboration with Department of Agriculture Development and Farmer's Welfare. Inauguration of the programme was done by Sri. Vijin, MLA, Kalliassey in a function chaired by Sri. Sreedharan, President, Cheruthazham Gramapanchayath.

In farmer-scientist interaction session Dr. Jayaraj P., Sr. Scientist and Head, KVK Kannur, Dr. Yamini Verma, Professor and Head, Pepper Research Station, Panniyur, Dr. Manju K. P., Assistant Professor (Entomology), KVK and Smt. Divya K. K., Assistant Professor (Entomology), PRS, Panniyur discussed field problems with farmers. Sri. Kuryachan Theruvukkunnel and Sri. Aneesh P. B., farmers who bagged state awards shared their experiences.

Kisan mela cum exhibition was also arranged as part of the training programme. More than a hundred farmers from Kalliassey and Thaliparamba Blocks participated in the training programme.



ICAR-KVK KASARAGODE

Capacity Building Programme and Krishipadashala



A capacity building programme and Krishipadashala were conducted at Badiadka Panchayat, Kasaragod on 22.02.2023. A total of 15 selected farmers participated in the training programme on “Integrated crop Management in Banana”. In this connection, diagnostic field visits to arecanut gardens was also organized to address the management practice of leaf blight and inflorescence blight outbreak in the district.

An orientation and importance on farm plan scheme of Department of Agriculture & Farmers Welfare, a shift to focus from the individual crop-based approach to an integrated farm plan an effort to increase agricultural production and sustainability was imparted to these selected 15 farmers. The main objective of this approach is to move away from individual crop-based approach towards integrated multiple cropping-farming systems-based development of holdings. Adoption of scientific selection of components and suitable agro-management practices based on agro-ecological units (AEU) would minimise crop loss risk and maximize income per unit area through multiple cropping and farming systems.



ICAR-KVK KODAGU

Training on scientific cultivation of Black pepper



A one-day training program on scientific cultivation of black pepper was organised by Department of Horticulture in collaboration with Krishi Vigyan Kendra-Gonikoppal on 27th February 2023 at Devarapura village, Ponnampet taluk. Thirty-two farmers participated in the training programme.

Training programme on scientific dairy farming



Dr.Harish, Subject Matter Specialist from KVK delivered a lecture on scientific procedure for collection of soil sample for further analysis for its physical and chemical properties. Later he spoke about aspects like selection of varieties, irrigation scheduling, mulching, shade management and nutritional aspects for pepper cultivation. He also emphasized that soil and plant health should be maintained for better productivity.



(ICAR-KVK Gonikoppal, Kodagu organized one day training programme on scientific dairy farming for the benefit of Twenty-one farmers from the Kodagu district on 21st February 2023.

Dr. Suresh S.C, Subject Matter Specialist (livestock) gave a lecture on Breed selection, balanced feeding and clean milk production in the modern dairy farming followed by farmer scientist interaction. The farmers were later taken to the KVK farm at Athur for practical demonstration at the dairy unit.



ICAR-KVK KOLAR

Conducted the demonstration on pesticide spraying using Agri Drone in the potato fields



K . Thulasiram, SS&H, Dr. Sadanand K. Mushrif, Scientist (PP) and Dr. JyothiKattegoduar, Scientist (Horticulture) conducted the demonstrations on pesticide spraying using Agri Drone in potato fields in different villages viz. Shillangere on 23.2.2023, Ekamballi village on 24.2.2023. Gurupanajall, Thippasandra village on 24.2.2023. Abbani village on 25.2.2023 and Mittamalahalli village on 27.2.2023. An area of 42 acres was sprayed using Agri drone.

Off campus capacity development program on integrated crop management practices of tomato



KVK Kolar organized an on-campus capacity development program on integrated crop management practices of tomato with special reference to summer season and seasonal practices of mango in collaboration with Department of Horticulture, Kolar and Vokkaleri FPO at Shettiganahalli village on 24.2.2023.

Dr. JyothiKattegoduar, Scientist (Horticulture) gave information on Nutrient management and fertigation techniques. A total of 45 farmers participated in the program.



Live telecast of PM KisanSamman Nidhi release program



KVK Kolar webcasted PM KisanSamman Nidhi release program on 27.02.2023 at KVK, Kolar. Besides, lectures were also given by Dr.Naganna, Chief veterinary officer, Department of Animal Husbandry on hygienic milk production and nutrient management for quality milk production, Dr. JyothiKattegoduar, Scientist (Horticulture) on Good Agricultural Practices in Horticulture crops were also arranged. Around 46 farm women and 10 farmers have participated.

Trimonthly workshop for KSDH Officers



KVK Kolar webcasted PM Kisan Samman Nidhi release program on 27.02.2023 at KVK, Kolar. Besides, lectures were also given by Dr.Naganna, Chief veterinary officer, Department of Animal Husbandry on hygienic milk production and nutrient management for quality milk production, Dr. Jyothi Kattegoduar, Scientist (Horticulture) on Good Agricultural Practices in Horticulture crops were also arranged. Around 46 farm women and 10 farmers have participated.



ICAR-KVK KOLLAM

Bajra Napier fodder variety “Susthira” in Dairy cattle for improved production performance



Green Fodder is an economic roughage for dairy cattle which having good palatability and digestible nutrients required for better milk production and for efficient breeding management. Usage of good quality green fodder with higher crude protein content is inevitable in daily ration of milch animals in order to reduce the cost of milk production.

For ensuring year round green fodder production use of improved varieties with multi cut nature and high yielding fodders should be popularise among dairy farmers.



As a part of Frontline Demonstration of Animal Husbandry for the year 2022-23 ICAR- Krishi Vigyan Kendra, Kollam, Demonstrated KAU- Bajra Napier fodder variety “Susthira” for dairy farmers of Kalluvathukal panchayat in Kollam District. Aim is to assess the efficiency of “Susthira” variety fodder for the daily production performance in dairy animals. As a part of demonstration 2500 stem slits of fodder susthira variety and organic manures were supplied to dairy farmers and initial planting was implemented in 50 cents.

Observations were recorded in cross bred Jersey cattle 1 month after calving under 2nd lactation period maintained under intensive system of management. Result revealed that the daily intake of 20 kg Bajra napier fodder variety susthira for a period of 1 month in dairy cattle increases an average of 1.5litre/day in lactating indicating that susthira is ideal for milch animals for better production performance in Kollam district.



Dr. D.V.S Reddy Principal Scientist and Nodal officer, ICAR-ATARI, Bengaluru, visited the plot on 21.01.2023 as a part of field visit organized by KVK Kollam on 18th Scientific Advisory Committee meeting. He interacted with dairy farmers of Kalluvathukal panchayat and appreciated them for best management practices followed in cultivation under the guidance of KVK, Kollam.

Currently the dairy farmers extended the plot from 50 cents to 1 acre and stem cutting were sold from demonstration field @ Rs. 1 /stem slit. For the SAC meeting conducted on 25.1.2023 it is recommended to popularize the Susthira variety fodder among Dairy farmers at Kollam District in association with Dairy Development Department.





ICAR-KVK KOPPAL

Live video conference on “Kisan Samman Nidhi”



ICAR-KVK, Koppal organized live telecast of “Kisan Samman Nidhi” to farmers of Koppal district on the occasion of 13th instalment release at Belagavi by honourable Prime Minister of India. The programme was inaugurated by member of parliament Sri. Karadi Sanganna. in his inaugural address, he mentioned that Kisan Samman Nidhi benefitted 11 crore farmers with 2.25 lakh crore.

Gangavathi Member of legislative assembly Sri. Paranna Munavalli expressed that the scheme is corruption free because it is reaching the beneficiary account directly. Kanakagiri Member of legislative assembly addressed that government is eagerly ready to help the farmers in each and every step for the farmers development.

Field day of Bengal gram under NFSM



On 23.02.2023 ICAR-KVK, Koppal organized field day of Bengal gram under NFSM in Kataraki village of Koppal district. The beneficiaries provided with the Bengal gram var. BGD-103 and created awareness about seed treatment with bio-fertilizes (rhizobium and PSB).

Micronutrient mixture chickpea magic was also provided to all the beneficiaries. During the field day programme, farmers expressed that with integrated crop management, we are expecting higher yield.



ICAR-KVK KOTTAYAM

Entrepreneurship development programme in value added products from banana



KVK, Kottayam organized three days EDP training on value added products from banana in collaboration with BRS Kannara, from 22.02.2023 to 24.02.2023. The focus of the EDP programme was to initiate and support small scale value addition units based on banana. Banana cultivation is very common in Kottayam district and is an all-season crop.

Novel products from banana fetched good demand among consumers owing to its nutritional quality and variety in taste and preparations. Hands on training was given in preparation of banana cake, banana jam, pulp preparations, masala chip, vattals, sharkkaraperatti, rhizome pickle, banana flower cutlet, ripe banana cutlet, banana bud pickle etc. The technical support for the training programme was given by Banana Research Station, Kannara. Sessions were also conducted on licensing and registration for new entrepreneurs, FSSAI guidelines, packaging and labeling of foods. Two groups named “Niravu Green Leaf Organic Society” and “Cluster members of Kudumbashree Vechoor unit” attended the programme.

ICAR-KVK KOZHIKODE

Natural farming training conducted with farmers having native breeds of cow



Two days training on natural farming was conducted at KVK along with lectures on principles, vision and mission on natural farming. Mr. Omana kumar Ambadi, Pathanthitta was the expert handled sessions on natural farming principles, practices and importance in this present scenario. Dr K.M. Prakash, SMS (Agronomy) and Dr P. Ratha Krishnan, Programme Coordinator conducted interaction sessions and demonstrations of Jeevamirtham making.



The programme was attended by progressive farming who are the owners of native breed cows. During the event Smt. Indira, R, Vatakara, a natural farming practicing farm women and recent awardee of State Biodiversity Board for the conservation of medicinal plants and environment was also felicitated.





Seminar on “Small Scale Enterprises in Agricultural Sector”



The webcasting of PM Kisan Samman Nidhi was held at KVK, Peruvannamuzhi. During the event the award-winning farmers Smt. Bidu Joseph, Mr. K.T. Francis and Mr Jojo Jacob were shared their experiences and farmers from Maruthonkara and Perambra block was attended the event along with KVK staff.



Considering the importance of Agri-enterprises in the present scenario and orienting prospective farmers and youth towards a successful enterprise, KVK-Alappuzha joining hands with leading media publishing house

National Science Day celebrated with demonstration and field visit of students



National Science day was celebrated on 28/02/23 by KVK with the involvement of students from St Marys School, Mullankunnu. The students made aware about agricultural Science, recent developments in farming, practicals of propagation including grafting using clips.

The students and teacher were also visited KVK demo units viz., vermicomposting, Apiculture, Aquaponics, rain shelter, wick irrigation facility, ornamental fish unit, etc





ICAR-KVK LAKSHADWEEP

Farmers Exposure visit to IIHR and felicitation of Farmer



ICAR-Indian Institute for Horticulture Research organized the National Horticulture Fair from 22-25 February 2023 in Bengaluru. Five farmers from Lakshadweep were selected jointly by KVK and State Department of Agriculture to undergo the exposure visit. Five farmers were represented from Kavaratti, Agatti and Kadmat islands. The farmers witnessed the live demonstrations and other technological innovations in vegetable and fruits.



The cocopeat technology of making soil less medium was specially demonstrated by the inventor scientist to the farmers with the intention creating entrepreneurship. During the fair Mr. C. Mohammed from Kadmat islands was felicitated as the innovative farmer from Lakshadweep by ICAR-IIHR. Mr. Mohammed is one of the farmers benefitted from the joint efforts of IIHR and KVK-Lakshadweep in improving the vegetable cultivation in terrace gardens.

ICAR-KVK MALAPPURAM

ICAR ARYA training programme on value addition of fruits and vegetables



ICAR ARYA training programme on value addition of fruits and vegetables was organized by KVK Malappuram from 14.02.23 to 16.02.23.

In connection with this, training sessions on value added products from tuber crops and value-added products from coconut were taken by Dr. Sajeew M. S, Principal Scientist, CTCRI and Dr. Manikandan, Principal scientist, CTCRI respectively on 14.02.23. The session on value added products from banana was taken by Dr.P.B.Pushpalatha, former HoD, Banana Research Station, Kannara, KAU on 15.02.23.





A hands on training of fruits and vegetables processing was also conducted on 16.02.23 by Dr. Lilia Baby, SMS (Community science), KVK, Malappuram. Around 100 number of participants were attended the programme

RKVY ASCI skill training for Garden Keeper

Skill training course sanctioned under RKVY ASCI programme on the Job Role Garden keeper was started at the KVK and was inaugurated by the Hon Vice chancellor of KAU Dr. Arya K. along with the opening of Technology week on 12th February 2023.



Among 165 candidates appeared for selection, 25 were selected based on written test, practical exercises and interview.



The skill training of Garden Keeper as per the new guidelines comprises of 210 hours of instruction with more of practical classes. In addition to the objective of technical training on various aspects of gardening and nursery management, the curriculum gives more weightage on overall development of the candidates with more emphasis on employability skills.

Capacity building programme on summer season vegetable cultivation



A training programme on summer vegetable cultivation was organised by the KVK in collaboration with ATMA Malappuram and Krishibhavan, Vattamkulam.

The event was inaugurated by the Vattamkulam panchayath president in presence of Assistant Director, Agriculture Department and other block level officers. Around 30 farmers were trained. Hands on sessions on plant-based pesticide preparations were also carried out. The classes were handled by Dr. Prasanth, K, SMS (horticulture)





Project development seminar on entrepreneurship opportunity for the establishment of rural trichocard unit



KVK Malappuram participated in project development seminar of Kondotty block to detail the collaborative project of KVK Malappuram and NABARD, “Rural trichocard unit” to be established in Agro Service centre of the block.

Dr. Najitha Ummer, SMS(Entomology) , KVK Malappuram and Principal investigator of the project detailed the objectives and intimated the requirement to include the same in project development of LSGD for further expansion and sustainability of the trichocard production.

The participants were familiarized with the schemes to which the activities can be converged for financial assistance, the need for convergence of panchayath schemes for the successful run of enterprise etc. she also briefed the background led to the initiation of project and various activities undergone as part of the same.

ICAR-KVK MANDYA

20th Scientific Advisory Committee (SAC) meeting on 14.02.2023 at KVK, VC Farm, Mandya



The 20th scientific advisory committee meeting of KVK, VC Farm, Mandya were held on 14.02.2023. Chairman of SAC, Hon’ble Vice-Chancellor of University of Agricultural Sciences, Bangalore, Director of Extension, UAS, Bangalore, Dean (Agri.), College of Agriculture Mandya, Associate Director of Extension and Associate Director of Research, Zonal Agriculture Research Station, VC Farm, Mandya, Nodal Officer, ATARI, Bangalore, Joint Director of Agriculture, Mandya and Officers from other line departments, members of Scientific Advisory Committee and progressive farmers from the district have participated.





Dr. Naresh, N. T, Senior Scientist and Head, welcomed the gathering, Dr. Narayanagowda, K, Director of Extension, UAS, Bangalore briefed about the purpose of organizing the SAC and its importance in preparing the action plan of KVK to help the farming community of the district. Dr. Naresh, N. T, Senior Scientist and Head, has presented the action taken report of 19th SAC meeting and action plan for 2022-23 to the house.



The SAC members and other Officers from other line departments were expressed their suggestions to implement the action plan for the 2022-23 by the KVK.



Dr. S. V. Suresha, Hon'ble Vice Chancellor of University of Agricultural Sciences, Bangalore, appreciated the activities conducted by KVK and provided valuable suggestions for better technology transfer, demonstrations and interventions in the farmers' field. Progressive farmers discussed about the farm problems.



The programme was narrated by Dr. Suresh, D. K., Scientist (Agricultural Extension). The meeting was concluded by the vote of thanks delivered by Dr. Kamalabai Koodagi, Scientist (Home Science).



ICAR-KVK MYSURU

Celebration of National Girls' Child Day



On 24th January 2022, ICAR JSS Krishi Vigyan Kendra, Suttur has celebrated the National Girls' Child Day. The objective of the day is to raise awareness on gender equality, education of girls, health, and nutrition of girl child, to prevent female feticide, to eliminate gender discrimination and violence against girls. Mrs. Mamata A., a Protection Officer of the Mysuru District Child Protection Unit, spoke about changes in adolescents, problem faced by adolescents and the rights of girls.

Mrs. Netravathi Yattinamani, Home Scientist at ICAR JSS Krishi Vigyan Kendra, Suttur spoke about the anaemia, causes of anaemia, symptoms and problems with anaemia, nutrients that are important for increase in haemoglobin in the body. She also talked about ways to prevent anaemia through food, such as iron-rich foods. Mrs. Mamata M., a consultant of the Mysore District Child Protection Unit, spoke about the activities of the Child Protection Unit.

Mrs. H.V. Divya, Senior Scientist and Head (I/C) of ICAR JSS Krishi Vigyan Kendra, Suttur spoke about the purpose of National Girls' Day and government's scholarships for girls' education and schemes namely Sukanya Samurdhi, Bhagya Lakshmi and others. The event was attended by 50 girl students of the JSS High School, Suttur and Mrs. Yashoda, JSS high school teacher. After the program, the students were visited the KVK Demo units.



Banana processing and value addition training



Training on Banana processing and value addition was held on 29th January 2022 at ICAR JSS Krishi Vigyan Kendra Suttur. Mr. H. M. Naveen, beneficiary of Atma Nirbara Yojana, Mysuru District was participated as a Resource Person and shared his experience on Banana Powder Making, products from Banana powder and marketing of these products.



Mrs. Netravathi Yattinamani, a Home scientist at the ICAR JSS Krishi Vigyan Kendra, Suttur, explained the nutritional value of Banana flour (Bakahu) and demonstrated the value added products from banana powder namely Badam puri, Chakkuli, Payasa, Ladu, Parota. 30 Self Help Group women were participated in the training.





Scientific sheep and goat rearing training



ICAR JSS KVK conducted 3 days of residential training program on sheep and goat farmers for about 52 farmers of Mysuru and Chamarajanagar district. Field trip was arranged for farmers to sensitize farmers on the routine activities of farm and its management. Progressive farmer and Bandur sheep conservation specialist Sri P Ramesh of Ranga Samudra of T Narasipura participated as resource person. Dept. Of AHVS, Mysuru also supported the training program by arranging expert veterinary doctors as resource persons.

Best farmer award felicitation program



ICAR JSS KVK Suttur in collaboration with Yelanduru Duggahatti Smt. Sundramma Veerabadrappa Pratheeshtana has been honoring the best farmer award to selected farmers from Mysuru and Chamarajanagar districts during Suttur Jathra Mahotsava every year.

In the event of Suttur Jathara restricted to religious program on 30 January 2022, in presence of His Holiness Shree Shivarathri Deshikendra Swamiji, Duggahatti Smt Sundramma Veerabadrappa Pratheeshtana president Shree P Veerabadrappa honoured the best farmer award to progressive farmers of Mysuru and Chamarajanagar districts at Suttur Shree Skeshthra, Progressive farmers are selected by a committee constituted with scientists of KVK Mysuru and Chamarajanagar, officials of Department of Agriculture and Horticulture in the districts. Selection is mainly based on use of new improved crop variety and highest yield got in crops like banana, sugarcane, tomato, maize, and pole beans in Mysuru and Chamarajanagar districts.

Visit of KVK Kanneri scientists to JSS KVK Suttur and Natural Farming Farms in Mysuru district



On 29th January 2022, KVK Kanneri scientists visited to JSS KVK Suttur under KVK cross learning program, JSS KVK scientist and staffs coordinated the visit of KVK Kanneri scientists, Smt. H V Divya, SSH (I/c) has explained about the Mysuru district and Major activities in the KVK, KVK Kanneri scientists visited to demo units of KVK and appreciated about Agri. clinic at Suttur, nursery and polyhouse, seed production in paddy and pulses.





KVK Agronomy Scientist Shree Shamaraj and other scientist coordinated visit of KVK Kanneri scientist to Natural Farming farm at Indraprastha near Mysuru, the farmer AP Chandrashekhar has explained about more than 3500 varieties of medicinal, fruits and aromatic plants in the farm and high density planting in the farm avoided evaporation and taken care of weeds,

He is preparing 30 products from medicinal plants and other plant extract like soap, chavaparash, honey etc. and visited to another natural farming farm at Chavadikatte, a farmer thamiaha is practicing natural farming in one acre where he is getting income from coconut, sapota and banana and maintained goshala.



ICAR-KVK PALAKKAD

Entrepreneurial possibilities in agricultural mechanization



Women within the age limit of 18 and 50, from different areas of Palakkad district, participated in the programme. Skill development training on various topics, viz., mechanization, micro irrigation, protected cultivation, and processing of fruits, vegetables, millets, etc., was given to them. This was the initial phase of the network project.

A three-day capacity building programme on Entrepreneurial possibilities in agricultural mechanisation was conducted at KVK Palakkad as part of a state plan project entitled "Networking for promotion of employment avenues for women in agricultural mechanization in Kerala" co-ordinated at the Agricultural Research Station, Mannuthy.

KrishiVigyan Kendra Palakkad released five value added products from millet on 24th February 2023. Millets play an important role and contribute to empower smallholder farmers, achieve sustainable development.





Krishi Vigyan Kendra Palakkad released five value added products from millet on 24th February 2023. Millets play an important role and contribute to empower smallholder farmers, achieve sustainable development. On the occasion of “International millet year2023”, the products were released by Dr. Venkatasubrahmaniam (Director, ATARI Bangalore) at KVK Palakkad, in the presence of Dr. Jacob John, Director of Extension.

Value added products released were millet mixture, millet laddoo, millet halwa , millet cake and millet cookies. The products were prepared by SHG members and Ms. Sheena of KVK Palakkad under the guidance of Dr. Resmi R, Assistant Professor (Community Science).The products were displayed in Kisan Mela conducted at Pattambi, Palakkad and VAIGA at Thiruvananthapuram

ICAR-KVK PATHANAMTHITTA

VEROTTAM: AN E-PLATFORM FOR TECHNOLOGY DIFFUSION



KVK in collaboration with Malayala Manorama the leading news paper in Kerala has brought out an exclusive column named “Verottam” meaning “Root runners” on every Sunday covering entire Pathanamthitta dist. The Column cover successful technologies identified by KVK for the district based on the Technology assessment and Front-line Demonstrations that are suitable to the situation of the district. The 1st column appeared on 23rd Oct 2023. The reach included 1.65 lakhs families covering over 40 percent population of the district. On every Sunday technologies and present issues encountered by the farmers are addressed which also includes reply to queries raised by the farmers.





FIELD VISIT BY DR. B.T.RAYUDU., PRINCIPAL SCIENTIST, ICAR-ATARI, BENGALURU

DR. B.T. Rayudu, Principal Scientist, ICAR-ATARI, Bengaluru and the nodal officer of ICAR- KVK, Pathanamthitta visited the fields of KVK’s farmersto monitor the activities of KVK in the district and to understand the problems faced by farmers. The highlight of the visit includes the visit to Amrithadhara Gaushala owned by Sri. Ajayakumar, Vallauzhathilat Ezhamattoor Panchayat.

The Gaushala was started in the year 2010 and is the only cow shelter in Kerala. The Gaushala aims at protecting, conserving and preserving the indigenous breeds of cows. At present the Gaushala has over 350 indigenous cows such as Vechur, Gir, Sahiwal, Punganur etc. As part of the visit, a cabbage harvest mela was also organised to promote the concept of Natural farming.



ICAR-KVK RAMANAGARA

Field Day on “Improved Agronomic & Pest Management Practices in Coconut Orchards”



Coconut, a major commercial crop cultivated earlier as a source of farmer’s income. But in recent past due to irregular rain, lack of irrigation facilities, severe infestation of insect pest and loss due to major diseases, yield of per tree is decreasing drastically.

In this context, ICAR – Krishi Vigyan Kendra, Ramanagara conducted a Field Day on “Improved Agronomic & Pest Management Practices in Coconut Orchards” at M. Gophalli village, Ramanagara taluk on 21-02-2023 sponsored by Coconut Development Board, Bangalore.





Preparation of vermicompost and demonstrated use of *Trichoderma viridae* with farm yard manure (FYM) and also explained about major pest and diseases of coconut and their integrated control measures and with the demonstration of sex pheromone traps installation for control of Rhinoceros beetle at community level.

Dr. Rajendra Prasad, B. S., Scientist (Plant Protection) briefed about the improved cultivation practices in coconut, drip irrigation benefits, concept of integrated farming system and importance of integration of different components for realizing higher yields in coconut based cropping system.

In this context, ICAR – Krishi Vigyan Kendra, Ramanagara conducted a Field Day on “Improved Agronomic & Pest Management Practices in Coconut Orchards” at M. Gophalli village, Ramanagara taluk on 21-02-2023 sponsored by Coconut Development Board, Bangalore.





ICAR-KVK SHIVAMOGGA

Awareness and Capacity development programme on “Use of energy efficient pump sets and water conservation technologies in agriculture”



ICAR-Krishi Vigyan Kendra, Shivamogga conducted Awareness and Capacity development programme on “Use of energy efficient pump sets and water conservation technologies in agriculture” on 26th February 2023. Dr. Hanumanthaswamy, B. C., Senior Scientist and Head, Krishi Vigyan Kendra, Shivamogga welcomed the dignitaries and given the primacy address on the programme.

In his speech he mentioned the purpose and importance of water and energy conservation in agriculture for future generations. In remarks he educated and suggested the farmers to know the information about energy and electricity saving methods.



He also suggested farmers to create the awareness on importance of using energy efficient pump sets and urge farmers to adopt the renewable energy sources like solar power generators.

Devaraj Reddy, State Planning Commission Member and Hydrologist Specialist, Chitradurga participated as resource person and delivered the lecture on “Importance of water conservation in Agriculture with aims to raise awareness on importance of maintaining healthy ecosystems and human well-being by encouraging societies to conserve soil and water through efforts to tackle water scarcity which cause serious problems for future generations. Dr. Basavarj, M., Scientist (Agronomy), KVK, Shivamogga, he delivered a lecture on different ways of water conservation.

Capacity development programme on nursery techniques in horticultural crops



ICAR- Krishi Vigyan Kendra, Shivamogga conducted three days skill-oriented capacity development programme on “Nursery Techniques in Horticultural crops” under the project Attracting and Retaining Youth in Agriculture (ARYA) from 14-02-2023 to 16-02-2023. The inauguration and closing ceremony of the programme was organized on 14-02-2023 and 16-02-2023 at Krishi Vigyan Kendra, Shivamogga.






In his speech, he explained in detail about the ARYA programme and the topics covered during the three days skill development programme such as Importance, benefits and layout planning of horticultural nursery, nursery management, production of quality seedlings, methods of plant propagation in various horticultural crops, symptoms and management of nutrient deficiencies in nursery plants, marketing strategy of nursery seedlings/saplings and integrated pest and disease management in horticultural nursery etc.

The programme was inaugurated by Dr. B. Hemla Naik, Director of Extension, KSNUAHS, Shivamogga. In his inaugural speech he guided the trainees to develop the skill from this capacity development programme so that, they can increase their quality of work.

ICAR-KVK THRISSUR

A motivator par excellence

He gave information on the main objective of good nursery management that is to supply elite planting material of the highest possible quality for establishment of new orchards.

Production and supply of poor planting materials will lead to low yield and causes severe economic losses to planters. So, the selection of good planting materials and proper management of nursery are the two important steps. The presidential speech was given by Dr. S. U. Patil, Associate Director of Extension, KSNUAHS, Shivamogga.

He explained the importance of nurseries which is having a great demand for the production of plants, bulbs, rhizomes, suckers and grafts. Hence, one who having a skill of handling propagation and nursery techniques can go for this avenue as an agro-business in future. During the programme Dr. Dushyant Kumar, B. M., Dean (Campus Head), College of Agriculture, Shivamogga, Scientists and Staff of KVK Shivamogga were also present. Totally 19 rural youth attended and got benefitted from this programme.

Dr. V. Venkatasubramanian, Director, ATARI Zone XI visited KVK Thrissur to discuss on the ongoing activities of KVK. Dr. V. Venkatasubramanian along with the Director of Extension, Dr. Jacob John met the SMSs and all staff members of KVK Thrissur. It was very inspiring to have Dr. V. Venkatasubramanian with us and his valuable reflections are sure to make us all better servants of the country. The experience and sincerity with which he deals matters were a new beacon for us to follow.





The Director also addressed the participants of Coconut Development Board sponsored “Friends of Coconut Tree” training programme. In his address the director talked on the importance of diversification in coconut sector. Product diversification offers varied business opportunities and through collective participation, the CDB task force must tap the benefits of this sector which has been opened to them now. He narrated several success stories to the trainees, and they were given an opportunity to interact with him.

State Level Coconut Farmer's Mela 2023



The Coconut Development Board in association with KrishiVigyan Kendra Thrissur organized the State level farmer's mela at Central Auditorium, Main Campus, Vellanikkara, Thrissur, Kerala Agricultural University on 17th February 2023. The mela was inaugurated by Dr. A. Sakeer Husain, Registrar, Kerala Agricultural University. The keynote address was given by Dr. Jacob John, Director of Extension, KAU, and the presidential address was given by Dr. B. Hanumanthe Gowda, Chief Coconut Development Officer, CDB. Around 800 farmers attended the programme. The inaugural session was followed by technical sessions and farmer scientist interactions on various problems and prospects related to coconut farming. The first session was on cultivation practices of coconut handled by Dr. Subramanian P, Principal Scientist, CPCRI. The session dealt with the integrated development of coconut holdings and the need for maximizing income from the unit area through better agro management practices and promotion of multi-species cropping and farming systems.

The director concluded that diversification of coconut-based production system and adoption of coconut-based subsidiary enterprises are the ideal strategies for sustaining productivity and rural upliftment in terms of income generation. Dr. V. Venkatasubramanian distributed the course completion certificates, coconut Olympiad awards and climbing machines to the trainees.

Dr. Joseph Rajkumar, Principal Scientist, CPCRI dealt with the session on plant protection which covered the integrated pest and disease management in coconut cultivation.



Dr. Sujatha, R, Professor, HoD (Plant Breeding & Genetics) & Associate Director of Research (Coconut Mission), Padannakkad handled the next session on “Coconut Mission -Value addition”. The session stressed the importance of entrepreneurship development through value addition, in each grama panchayath of the state for improved marketing of coconut products, generating better income from coconut farming. The mela concluded with the session on the Role of CDB for promoting value addition by Smt. Resmi DS, Deputy Director, CDB



ICAR-KVK THIRUVANANTHAPURAM

Njangalum Krishiyilekku campaign

ICAR-KVK Mitraniketan in solidarity to the State Agriculture Development and Farmers' Welfare Department, launched the campaign Njangalum Krishiyilekku in KVK campus on 28th June 2022. The campaign was launched with the objective of attaining household self-sufficiency in vegetable cultivation and safe to eat vegetable production in homesteads through homestead nutrition garden. All the KVK staff and the labourers in the KVK campus joined hand in raising a nutrition garden in about 30 cents of land.



Amaranthus, Bhindi, Chilly, Brinjal, Tomato, Bittergourd, Cucumber etc were planted in the prepared land. Weeding, manuring, watering, spraying etc were done during the evening hours. Every person in the campus used to spend half an hour a day for the works in the vegetable garden from 5.00 pm to 5.30 pm.



Our enthusiasm reaped rich dividends and we were able to harvest a bumper crop from our nutrition garden during the Onam season. During the Onam celebration in KVK, the Onam feast which is known as the sadhya was prepared using the vegetables harvested from our own garden.



In addition to this we were able to give a vegetable kit to each of our labours utilizing the vegetables harvested from our nutrition garden as a token of appreciation for their sincere efforts in the progress of KVK. The smile and laughter that spread on their faces remains in our hearts as a fond memory which made Onam 2022 very special for us.

“Drip Drops” An Innovative Startup Model



Vocational trainings by Agriculture Skill Council of India through KVKs have paved way for many unemployed youths to venture into vocations of their own interest and gain handsome income. Twenty rural youths were trained for 200 hours on micro irrigation activities by KVK in the year 2021- 2022 under ASCI. Practical skill-development training on survey, design and installation of drip irrigation, sprinkler irrigation and mist irrigation systems were imparted to them.





Low cost hydroponics green fodder production system



Coordinated by KVK, the technicians were involved in the installation of different micro-irrigation schemes in Thiruvananthapuram district. The technicians install automatic drip irrigation systems, sprinkler irrigation systems, rain hose spray irrigation systems, mist irrigation systems etc at farmers' fields based on specific requirements. During the year 2021-2022, 111 works were successfully completed by the technicians.

Sri.Sabari M.P, a rural youth trained in the field of micro irrigation by KVK, has ventured into a startup "Drip Drops". Dr. V.Venkatasubramanian, Director-ATARI, Zone XI, Bengaluru was kind enough to officially launch his startup company by electronically unveiling the emblem on 25th May 2022 at ICAR –KVK, Mitraniketan, Vellanad, Thiruvananthapuram.



Hydroponics technology is emerging as an alternative to grow fodder for farm animals. Fodder maize can be grown in low-cost green houses, a prototype of which was designed by KVK. This is a small structure consisting of 8 trays. Dairy farmers with one/two cows can make use of such a structure in their farm. Farmers opined that hydroponics fodder production system is useful, viable and improves the quality of milk from animals by increasing the fat content.



Sri.Sabari acknowledges that the skill acquired, and the experience gained during the practical sessions of the training at KVK. With continuous technical support and motivation extended to him even after the training had urged him to start the Drip Drops Company on his own.



KVK installed 10 model units of low-cost hydroponics green fodder production system at Thiruvananthapuram district which enables the farmers to produce greenfodder organically. The fodder can replace a portion of paddy straw from their routine feed ratio. Compared to conventional green fodder cultivation practice, the production rate is high for HGF.





The cycle of production completes in 7 days and from the 8th day the fodder can be fed to milch animals. The average capacity of the structure is approximately 6 kg/day.



The cycle of production completes in 7 days and from the 8th day the fodder can be fed to milch animals. The average capacity of the structure is approximately 6 kg/day.

Ready to Fruit (RTF) Bags - A novel concept to enhance house hold nutrition through Oyster Mushroom



Mushroom production provides an ideal opportunity for conversion of agro-waste into wealth, quality food and organic manure and leads to high range of reduction in environmental pollution. Mushroom being an indoor crop, its cultivation can be done within the house itself after making minimal arrangements. This provides vast opportunity for women to take up mushroom cultivation and its value addition as an income generation activity.



It was brought to the notice of KVK that the procurement of materials for the preparation of mushroom beds as well as the time and physical labour required often remains as a constraint for many of the women to venture into mushroom cultivation. Hence KVK Mitraniketan initiated the production of “Ready to Fruit” (RTF) Bags for those who would like to take up mushroom cultivation for income generation as well as for household consumption.



The ‘Ready to Fruit’ (RTF) Bag technology developed at ICAR-IIHR addressed to bring mushrooms to every rural and urban home; the joy of growing their own mushrooms where there is space, skill and resource constraints.

The RTF bags produced can either be sold to urban or rural homes for homestead production or can be extended into cropping phase at the incubatees own facility and the harvested mushrooms can be sold.





Simple, efficient & cost effective technology to protect field crops, vegetables crops and nursery seedlings

Trichoderma cake: One of the latest technologies developed by ICAR-CPCRI, commercial production of a dry formulation of *Trichoderma harzianum* utilizing coir pith. Application of Trichoderma cake to the crown of coconut palms in leaf axils adjacent to spindle leaf before the onset of southwest monsoon and thereafter at bimonthly intervals till December is very effective prophylactic treatment for the integrated management of bud rot disease.



Apply 2-4 cakes per palm depending on age and crown size of palm. Apply 3-6 cakes soaked in water at equidistance in the soil around the palm at a distance of 30 cm from the base of palm. Cover the cakes with small pieces of dried and moistened arecanut leaf sheath, if available, or a mixture of dried cowdung and neem cake to enable the fast multiplication of Trichoderma.



Continuous application of TC for 3-4 years is expected to help in the build of Trichoderma population in the palm crown and soil at the base of palm inhibiting or suppressing the pathogens even without further application. Trichoderma cake is also effective against leaf rot and stem bleeding of coconut.



Trichoderma cup: It is one of effective prophylactic treatment of nursery beds or bags against pre and post emergence of fungal diseases of seedlings. Seeds can be sown in the cup and can be covered with a thin layer of potting mixture or cowdung powder.

- ✓ Long shelf life with high population of Trichoderma
- ✓ Easy to store and transport
- ✓ Useful for management of many fungal diseases





Ecofriendly technologies for the disposal of bio waste



Proper disposal of bio waste, whether it be from farm or homestead or kitchen needs proper disposal to ensure a clean and healthy surrounding. In our KVK campus we resort to various low cost and ecofriendly technologies for the disposal of bio waste and its recycling. The dried leaves and plant debris generated in our ecofriendly campus are collected insitu in the collection bins placed at various points in the campus.

The bio waste generated in our staff canteen is collected in a specially designed dump pot and composted using microbial inoculum developed by Kerala Agricultural University. It takes about 45 to 60 days for the composting process to complete in the dump pot.



The compost thus prepared is used for vegetable seedlings production in protrays. This serves as yet another demonstration for the proper disposal of kitchen waste for urban folks who lives in multistoreyed apartments.



When these bins are filled this is being used for vermicomposting. We have three vermicomposting tanks in our campus where these dried leaves and plant debris are composted in about two months' time. The vermicompost thus produced is utilized for milky mushroom cultivation. The spent mushroom waste is utilized for soil less vegetable cultivation, which serves as a demonstration for the proper disposal of bio waste generated in the mushroom production units across the district.



ICAR-KVK TUMAKURU I

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 20th feb – 25th feb 2023 The program was inaugurated by Dr. V. Govinda Gowda, Senior scientist and head, KVK, konehalli and address the importance of FoCT in this present situation and also mentioned the schemes available under CDB.

The resource person from KVK, konehalli, Ghosaale, CN Halli and FPO, Tiptur trained the participants regarding Coconut climbing techniques, Coconut harvesting operations and crown cleaning aspects, Spraying and pest control operation, 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.

Celebration of Coconut Field day at Tadasuru



ICAR-KVK, Konehalli, Tiptur organized Graduation day for 4th batch of Diploma in Agricultural Extension Services for Input Dealers and 7th batch was inaugurated on 28th Feb 2023 in collaboration with SAMETI, UAS Bangalore, MANAGE Hyderabad and Department of Agriculture, Tumakuru District. Dr. K. Narayan Gowda, Director of Extension, UAS Bengaluru inaugurated the Programme and addressed that Agricultural Input Dealers should make this Diploma course compulsory and also he mentioned about the vital role played UAS Bengaluru and in bridging the identified technological gaps existing with the farmers.

Celebration of Graduation Day for 4th batch of Diploma in Agricultural Extension Services for Input Dealers

ICAR-KVK, Konehalli, Tiptur organized Graduation day for 4th batch of Diploma in Agricultural Extension Services for Input Dealers and 7th batch was inaugurated on 28th Feb 2023 in collaboration with SAMETI, UAS Bangalore, MANAGE Hyderabad and Department of Agriculture, Tumakuru District.





Skill training program for rural youths on Friends of Coconut Tree



Dr. K. Narayan Gowda, Director of Extension, UAS Bengaluru inaugurated the Programme and addressed that Agricultural Input Dealers should make this Diploma course compulsory and also, he mentioned about the vital role played UAS Bengaluru and in bridging the identified technological gaps existing with the farmers. Mr. H. Ravi, Joint Director of Agriculture, Tumakuru mentioned the impact happened on input dealers after the implementation of DAESI programme followed by Dr. B. Kalpana, State nodal officer, SAMETI, UAS Bangalore, addressed the guidelines to be followed by students during one year DAESI programme,

Dr. V. Govinda Gowda, Senior Scientist and Head, KVK-Konehalli, Tiptur said that agricultural input dealers are the grossroot extension activists and they will have greater representation in future at the Government level to collaborate with farmers in Extension work in addition he advised them to be constant touch with KVK scientists to deliver better advisory. Mr. Chennakesh wamurthy, Assistant director of agriculture, Tiptur, and KVK Scientists, Mr. Darshan M. E., DAESI coordinator and Agriculture Extension Scientist, Dr. Padmanabhan SMS Agrometeorology, Dr. Satish, Farm manager and Dr. Nithyashree, K., Home Scientist were participated in the programme. Total 37 students were received Diploma certificates and 40 members were get admission for 7th batch.



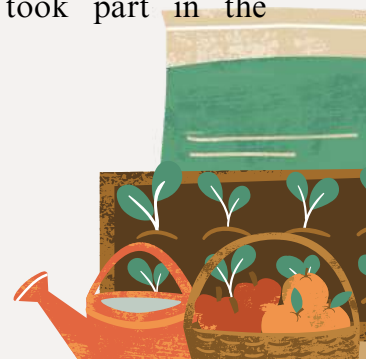
ICAR-KVK TUMAKURU II

Inauguration of Course - Diploma in Agricultural Extension Services for Input Dealers (DAESI) at ICAR-KVK Hirehalli, Tumakuru



One year Course- Diploma in Agricultural Extension Services for Input Dealers-DAESI programme was inaugurated at ICAR-KVK, Hirehalli, Tumakuru on 16th February, 2023 in collaboration with SAMETI, UAS Bengaluru,

MANAGE, Hyderabad and Department of Agriculture, Tumakuru District. This is the fifth batch to be organized at this center. The programme started with ICAR & IIHR Theme Song. Sri K.H. Ravikumar, Joint Director of Agriculture, Tumakuru, Smt. B.Kalpana, State Nodal Officer, SAMETI, UAS Bengaluru and Dr. T. Nagesh Kumar, Assistant Director, Sheep Board, Tumakuru took part in the Programme as chief guests.





Dr. N.Loganandhan, Principal Scientist and Head, KVK, Hirehalli presided over the programme. Smt. B.Kalpana described every important aspect of the DAESI programme to be utilized by the input dealers. Sri K.H. Ravikumar requested input dealers to value the ethics of the business, rather than profit making.

Dr. T.Nagesh Kumar briefed the schemes under sheep board for their benefits. Dr. N.Loganandhan asked them to utilize the support of KVK staff in improving the livelihood of farmers. Sri S.C.Chandraiah, Felicitor, compered the programme. Mr. P.R.Ramesh, SMS, Soil Science, Nodal Officer, DAESI organized the programme. About 40 input dealers were attended the programme.

In order to develop a professional group of youth for harvesting and plant protection operations in coconut, a one week, Friends of Coconut Tree (FOCT) Training programme on “Coconut Tree Climbing and Plant Protection Measures” was inaugurated at ICAR-KVK, Hirehalli, Tumakuru on 20th February, 2023, sponsored by the Coconut Development Board, Bengaluru.

Dr. Raghu, Deputy Director of Horticulture, Tumakuru took part in the programme as chief guest and inaugurated the programme. In his inaugural address, he shared various schemes under ODOP and other insurance policies.



Dr. N.Loganandhan, Principal Scientist and Head, KVK, Hirehalli in his presidential address spoke about the Coconutt ask force to be established in the district. Twenty trainees were participated in the programme, which was coordinated by Sri Prashanth J.M., SMS, Horticulture, KVK, Hirehalli. All the scientists of KVK, Hirehalli participated in the programme.

ICAR-KVK UDUPI Training on Natural Farming



Keladi Shivappa Nayaka University of Agricultural and Horticultural Sciences, Iruvacki, Shivamogga, ICAR-New Delhi, ICAR-Krishi Vigyan Kendra, Brahmavar, Udipi Dist organized awareness and training programme on Natural farming at ICAR-KVK, Brahmavara on 23.02.2023. Shri. Shailesh Bhat, Senior Research Fellow, Natural Farming, ZAHRS, Brahmavar, explained about the principles of Natural Farming and its history.





She also trained the farm womens by explaining them about preparation of Jeevamrutha, Ghanajeevamrutha, Neemastra, Brahmastra etc and also their usage. Farm womens and activities of SKDRDP, Udupi dist were participated.

Awareness Programme on Natural Farming



Keladi Shivappa Nayaka University of Agricultural and Horticultural Sciences, Iruvakkki, Shivamogga, ICAR-New Delhi, ICAR-Krishi Vigyan Kendra, Brahmavar, Udupi Dist, conducted one day awareness programme on Natural farming on 25.02.2023 at KVK, Brahmavar.

Dr. B. Dhananjay, Senior Scientist and Head, KVK Brahmavar explained about the activities of KVK and cultivation aspects of Black pepper and its management. Shri Shailesh Bhat Senior Research fellow, Natural Farming , ZAHRS, Brahmavar explained about preparation of different astras in Natural farming and also nutrient management in Natural farming. Miss. Swathy Shetty Y, research Associate (Plant Pathology), Natural farming , ZAHRS, Brahmavar, trained farmers about management of pest and diseases in coastal crops through Natural farming and organic farming. FPO farmers from Sagara district were participated in the programme.

ICAR-KVK UTTARA KANNADA

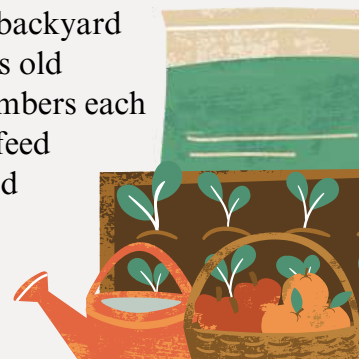
Subsidiary income generation backyard poultry farming for SC communities under SCSP programme



ICAR-Krishi vigyan Kendra, Uttara Kannada has organized training programme on Backyard poultry farming Under SCSP project at Shanbalagadde village of Siddapur Taluk on 10.02.2022.



The Scheduled caste families were trained on Management of backyard poultry farming and 5 weeks old Vanashree chicks (25-30 numbers each family), Vegetable kits and feed supplements were distributed among 15 families.



ICAR-KVK VIJAYAPURA I

On line market set up to double farmers revenue



The central government has been working to provide better marketing facility for the farmers to double their revenue, said minister of State for Agriculture & Farmer's Welfare Shobha Karandlaje on the occasion of ICAR-Krishi Vigyan Kendra farmer's hostel foundation stone layout at Hittinahalli farm, Vijayapur on 22.02.2023. She said that the government has been ensuring the development of various new technologies in agriculture for the development of farming community.



She also said that seeds development and supply are being done as per the changing weather conditions. Discussions were held on implementing programme to provide agriculture machinery in each Raitha Samparka Kendra to support farmers. This would be materialized soon.

She said the farmers should stress on the cultivation of best quality crops. The government has been giving priority for the packing, processing and transportation of agricultural goods, which would ensure better price for agriculture products. All the market yards are linked to the online marketing network to provide an international level marketing facility for the farmers. The new technologies invented in the agriculture science centers should not be limited to the experiments in the university, but they should reach the farmers and benefit them.



University of Agricultural Sciences, Dharwad Vice Chancellor Dr. P.L. Patil said that the university has been making every effort to provide good quality seeds and agriculture equipments to farmers. It has been imparting training for the farmers on growing best quality seeds. On this occasion ATARI, Bengaluru director Dr. V.Venkatasubramanian, KSSOCA Chairman Shri.Vijugouda Patil, Shri.Y.N.Patil, P.Mallesh, Srinivas Kotyan, Dr. A.S.Vastrad, Dr. I.M.Sarwad, Dr.Shripad Kulkarni, Dr.Ashok Sajjan, Dr.R.B.Belli, Dr.M.V.Manjunath, Dr.Shubha.S, Dr.Prema Patil, Dr.M.R.Kammar and other were also present.



ICAR-KVK VIJAYAPURA II

Foundation stone laying and inauguration of farmers hostel of KVK Vijayapura-I and Vijayapura-II (Indi) on 22.02.2023



The foundation laying ceremony of KVK Vijayapura-I and unveiling of farmers' hostel building of KVK Vijayapura –II (Indi) was inaugurated on 22.02.2023 at Krishi Vigyan Kendra, Hittinahalli farm, Vijayapura by Ku. Shobha Karandlaje, Hon'ble minister of state, Agriculture and farmer welfare, Govt. of India and in her inaugural speech she mentioned that the government has been ensuring the development of various new technologies in agriculture. She also mentioned that the government has been giving priority for packaging, processing and transportation of agricultural goods.

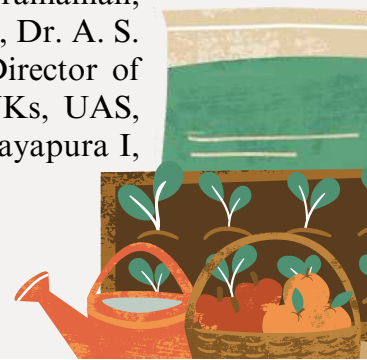


This would ensure better price for agricultural products. Shri Vijugouda Patil, Chairman, Karnataka State Seed and Organic Certification Agency, Dr. P. L. Patil, Hon'ble Vice Chancellor, University of Agriculture sciences Dharwad, Dr. Venkatasubramanian, Director ATARI, Bengaluru, Zone XI, Hon'ble Board Members, UAS, Dharwad, Dr. A. S. Vastrad, Director of Extension, UAS, Dharwad, Dr. R. B. Belli, Associate Director of Extension, AEEC, Vijayapura and Dr. Shreepad Kulkarni, Nodal officer, KVKs, UAS, Dharwad, Senior Scientist and Heads and all staff of Krishi Vigyan Kendra, Vijayapura I, Vijayapura II and Bagalkot were present on the occasion. Nearly 500 farmers participated in the inaugural function.

Capacity building of women in dairy farming sector



ICAR Krishi Vigyan Kendra, Indi organized training programme on Capacity building of women in dairy farming sector sponsored by National commission for women (NCW), New Delhi from 21.02.2023 to 25.02.2023 (05 days). Dr. Prema B Patil, Senior Scientist and Head, inaugurated the programme. Dr. Ravishankar, Biardar, Veterinary office, Tamba d delivered lecture on importance of dairy animals in enhancing the income of farmers and further suggested the trainees to rear the desi animals like Gir, Sahiwal etc.,. Dr. Santosh Shinde, Scientist(Animal Science), KVK, Indi delivered different topics like breeds, breed selection, feeding management, azolla cultivation, disease management etc., to the farmers during these days of training. The farmers were taken to the field of Sri Raghavendra, Ahirsanga village who is a successful dairy farmer and he narrated the his success pathway to the farmers. Nearly, 35 women participants were benefitted by the programme.



ICAR-KVK WAYANAD

Honouring of Padmasree Cheruvayal Raman by Dr. V. Venkatasubramanian, Director, ICAR- ATARI Bengaluru



ATARI Director, Dr. Venkatasubramanian honouring Padmasree Cheruvayal Raman

ATARI Bengaluru and Krishi Vigyan Kendra Wayanad felicitated Padmasree Cheruvayal Raman on 17/02/2023. As per the scheduled programme, Dr. V. Venkatasubramanian, Director, ICAR- ATARI Bengaluru honoured Mr. Cheruvayal Raman who has been conserving 55 indigenous rice varieties, different species of trees, herbs and spices in his three acres plot. He is popularly known as the rice man of Kerala, who had won many prestigious awards including National Plant Genome Saviour award instituted by the Protection of Plant Varieties and Farmers Right Authority in 2016.

The second programme was inauguration of Rural marketing mall of KVK Wayanad. The mall was jointly inaugurated by Dr. Venkatasubramanian, Director, ATARI and Padmasree Cheruvayal Raman. All the inputs produced by KVK like biofertilizers, biocontrol agents, entomopathogens, sampoorana, Eka, seeds, value added products and planting materials are made available to farming community through this mall.

The Director also inaugurated distribution of farm implements and equipments to SC beneficiaries at village Puthenkunnu, Wayanad under 'SCSP programme -SC farmers implements and equipments utility centre'.



Dr. Venkatasubramanian inaugurating the distribution of implements under SCSP programme



KVK Mall inauguration by Dr. Venkatasubramanian and Padmasree Cheruvayal Raman

The second programme was the release of KVK products like virgin coconut oil and Liquid Pseudomonas by the Director and 5 leaflets (Greenpeas, Chiya cultivation, ginger growbag cultivation, pest management of coconut and rice)



ICAR-KVK YADGIR



The inauguration of first batch of DAESI programme at ICAR – KVK Yadgir



The inauguration of first batch of DAESI programme at ICAR – KVK Yadgir was organised. Dr. M.K. Naik, Director of Extension, UAS, Raichur inaugurated the programme and advised the input dealers to learn and disseminate the new technologies in Agriculture field. He also advised to reduce chemical usage and promote biological control methods for healthy life.

Shri. Basanagouda Mali Patil, President, Krishik Samaj, Yadgir graced the occasion and said the farming community should be benefited by the extension activities. Further he also emphasized on efficient utilization of chemicals and to reduce indiscriminate usage. Dr. Jai Prakash Narayan, Senior Scientist and Head briefed about the DAESI programme. Scientists of KVK Yadgir, staff and 40 input dealers were present for the programme.





**©2023 ICAR-Agricultural Technology Application Research Institute,
Bengaluru**

All rights reserved. Materials contained in this publication may not be reproduced
in any form without the prior permission of the Publisher.