

KVK TIMES

A Window to KVKs of ICAR-ATARI, Zone-XI, Bengaluru
Vol. 02 Issue 36,16-31 December, 2022



ICAR-Agriculture Tecknology Application Research Institute Zone-XI, Bengaluru
University of Agricultural Sciences, ICAR-Krishi Vigyan Kendra, Raichur



KVK TIMES

A Window to KVKs of ICAR-ATARI, Zone-XI, Bengaluru
Vol. 02 Issue 36, 16-31 December, 2022



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Dr. Hanumanthappa. M
Vice-Chancellor

FOREWARD

Krishi Vigyan Kendras are the agricultural science centres established as innovative institutions that impart vocational trainings to the practicing farmers, school dropouts and field level extension functionaries. They play a vital role in providing support to the farming community and create awareness about the improved location specific-agricultural technologies.

It's my immense pleasure to say that Krishi Vigyan Kendras have been functioning as the knowledge and resource centre of agricultural technology supporting initiatives of farmers, public, private and voluntary sectors for improving the agricultural economy of the district.

They are also working in real-time transfer of the technologies developed by the agricultural research scientists to the farmers in a fast and effective manner through showcasing the frontier technologies by demonstrations and other extension activities such as trainings to farmers, frontline demonstrations, on farm trials, capacity-building among stakeholders which are crucial in fulfilling the target of doubling farmers income in the near future.

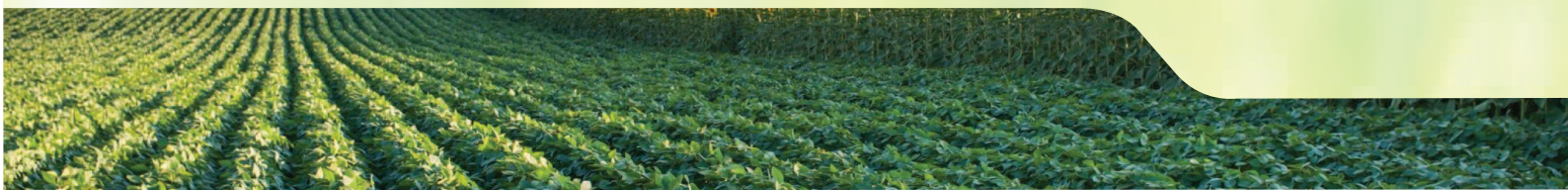
I appreciate the team effort of ICAR-KVK, Raichur for their profound service to the farming community and wish that their efforts will benefit the farmers in enriching their livelihood.

Raichur
06 January 2023

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MESSAGE

I am pleased to pen a few words for “KVK Times” at a time when India has occupied Presidency of G-20. The Honourable Prime Minister remarked G-20 Presidency of India as a Presidency of healing, harmony and hope. That means we have to work together to shape a new paradigm of human centric globalisation. The G-20 Presidency will work to promote the universal sense of oneness which means One Earth, One Family and One Future. Here comes role of KVK. Over the years, the KVKs are evolved as a Power House of Knowledge to empower farming community. The very nature of designing KVK is to place multi-disciplinary team of experts working for uplifting of farmers. Therefore KVKs have a greater role to play in India's G-20 Presidency at grass roots level than ever before. Apart from conducting routine activities namely, frontline demonstrations, onfarm trials, location specific technologies, need based trainings; ultimately dissemination of agricultural technologies to stakeholders, KVKs have been playing a pivotal role even in supply of quality inputs, namely; seeds, planting materials, organic products, bio-fertilizers, livestock breeds etc. In recent years, the KVKs have gained popularity at the rural ecosystem mainly because of several campaigns such as natural farming and soil health cards (soil health), nutri cereals (poshak abhiyan) and vaccination for foot and mouth diseases (animal health) etc. as well as setting up of agri war room to protect the farmers during covid-19 pandemic and also market linking through social media to protect distressed sale by the farmers. Of late, roles and responsibility of KVKs are changing in the changed context of farming situation. Farmer now needs an intensive knowledge and the skill in post-harvest handling viz; processing, storage and value addition and export rather than more production oriented campaign. Hence, KVKs are to be well equipped and resourceful in these aspects rather than production centric technologies. The target before the nation is very clear in front of KVK to bring in cultivation of 26 mha of degraded land, to reduce carbon footprint by 40%, water footprint by 20%, fertilizer usage by 20% still keeping the production enhanced. I wish KVK shall be able to endure these pressures in meeting the targets. I compliment wholeheartedly and congratulate **Dr.V. Venkatasubramanian**, Director ATARI, Bengaluru for conceiving this idea of KVK times. A special word of appreciation to the Head and team of ICAR-KVK, Raichur for brining KVK times well in time, encompassing the activities of 2nd fortnight of December 2022.

Raichur
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Dr. V. Venkatasubramanian
Director, ICAR ATARI, Zone XI, Bengaluru

MESSAGE

Krishi Vigyan Kendras being “The light houses of the farmers” provide insights and light on the newer agricultural technologies to the farming community by undertaking various frontline extension activities like frontline demonstrations, onfarm trials and capacity development programmes. The concept of KVKs in each district throughout the country has helped in reaching the technologies to the farmer’s door steps and its effective implementation has led to enhanced production and productivity and there by showed the way to double the farmers’ income.

I am grateful to Dr. M. Hanumanthappa, Vice Chancellor and Dr. M. K. Naik., Director of Extension, UAS, Raichur for guiding the KVKs of their jurisdiction for better serving of the farming community. I congratulate Dr.Prahlad., Senior Scientist and Head and team ICAR-Krishi Vigyan Kendra, Raichur for bringing out this impactful issue of “KVK times”.

It is my utmost pleasure to share the KVK Times compiled by KVK, Raichur for the period of second fortnight of December 2022. I appreciate the entire team of ICAR-KVK, Raichur for their teamwork in bringing out this last issue of the year 2022.

Dr. V. Venkatasubramanian
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Dr. Pralhad
Senior Scientist & Head, ICAR-KVK, Raichur

ACKNOWLEDGEMENT

Krishi Vigyan Kendras play a major role in uplifting the economic status by educating the farmers to take up better farming practices which in turn reduce their cost of cultivation and increase their income. KVKs work very hard to achieve these objectives by conducting various activities which are getting highlighted in the form of the success stories in the KVK times. It is indeed my great privilege to compile the December second fortnight edition of KVK times.

My profound gratitude for the immense support extended for the compilation of this issue of KVK times by Dr. V. Venkatasubramanian, Director, ICAR-ATARI, Bengaluru. I also express deep sense of gratitude to, Dr. B.T. Rayudu, Principal Scientist ATARI, Bengaluru and nodal officer of ICAR-KVK, Raichur. Dr. M. J. Chandre Gowda, Principal Scientist, ATARI, Bengaluru, Dr. D.V. Srinivasa Reddy, Principal Scientist, ATARI, Bengaluru, Dr. K. Thimmappa, Principal Scientist, ATARI, Bengaluru, Dr. D.V. Kolekar, Scientist, ATARI, Bengaluru and Dr. Mallikarjun B. Hanji, Chief Technical Officer, ATARI, Bengaluru for their constant support to our Krishi Vigyan Kendra in carrying out these mandate activities.

I am highly obliged to our beloved Vice Chancellor, Dr M. Hanumanthappa and Director of Extension, Dr. M. K. Naik and for their encouragement and immense support extended towards our Krishi Vigyan Kendra.

It's my duty to whole heartedly thank all my fellow Scientists who have extended their never ending support and valuable suggestions for the betterment of the farming community. I thank my entire team ICAR-Krishi Vigyan Kendra, Raichur including Scientists and non-technical staff who have invested their valuable time in bringing out this issue of KVK times.

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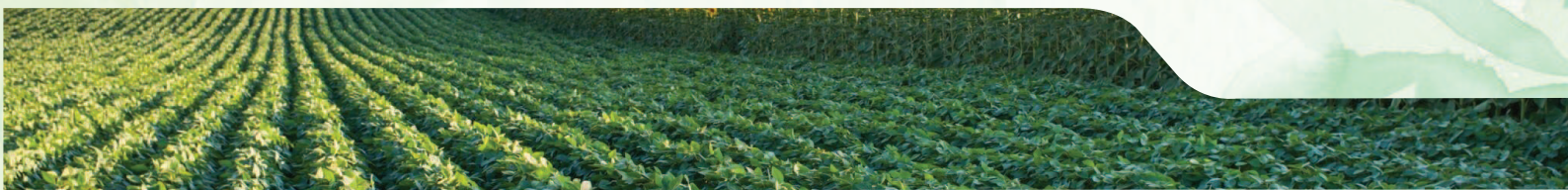
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ICAR- KVK, Raichur

Agricultural Crop Seminar

Agricultural Crop Seminar was held at ICAR-Krishi Vigyan Kendra, Raichur in collaboration with Department of Agriculture, Raichur and FACT Company Pvt. Ltd., Raichur on 27th December 2022.

More than 60 farmers from Sirwar were participated in the seminar. In this technical session the scientists from KVK and Organic farming institute delivered lectures on Organic farming, Integrated Farming System, Soil health management, Integrated pest and disease management, Horticulture, Food processing & value addition to the farmers.

At the end there was farmers and scientists open interactive session was conducted, which helped farmers to find solution for their particular crop related problems.

Dr. M.K. Naik, Director of Extension, University of Agricultural Sciences, Raichur inaugurated the programme, Sri. Nahim Hussain Deputy Director of Agriculture, Department of Agriculture, Raichur, gave a key note address to the farmers. Dr. Pralhad, Senior Scientist and Head and other Scientist of KVK, Raichur were participated in the programme.



Field day on “Integrated management of Pink bollworm in Bt Cotton”

A field day was conducted at Jakkaldinni village of Sirwar taluk wherein around 88 farmers of Jakkaldinni and Adkalgudda villages participated. Bt cotton has no doubt managed the bollworms for a better period of time, but as a twisted trajectory of Bt cotton, pink bollworm, earlier a minor pest has become serious pest in Bt cotton growing areas and has led to increase in use of variety of pesticides. This has led to increase in cost of cultivation and reduced yields along with increased insect resistance have worsened the plight of cotton farmers. In this regard, a frontline demonstration on “Integrated management of Pink bollworm in Bt cotton” was taken up by ICAR-Krishi Vigyan Kendra, Raichur. The demonstration included good agronomic practices in Bt cotton, use of good varieties, specific management strategies for pink bollworm, community approach in managing the pink bollworm and adoption of integrated management for tackling the menace of pink bollworm in Bt cotton. In the field day, the lectures by the Scientists Dr. A. G. Sreenivas and Dr. Shreevani G N covered various topics related to crop protection viz., the use of pheromone traps (2/acre) for monitoring, mass trapping of the moths of PBW using pheromone traps (12/acre), timely sowing, use of ovisides and need-based application of insecticides. Dr. M.K. Naik, Director of Extension, UAS, Raichur advised the farmers to complete the cotton picking as early as possible and not to continue the crop by providing fertilizers and irrigation which may increase the possibilities of survival of pink bollworm even for the forthcoming season. The cotton shredder was also demonstrated by the Dr. Sushilendra and Dr. Sunil Shirwal, Farm Machinery department, which was also a part of Integrated pest management of pink bollworm. Finally, Dr. Pralhad, Senior Scientist and Head, ICAR-KVK, Raichur advised farmers to follow community approach in effective management of pink bollworm.





ICAR- KVK, Raichur

Off campus training on "Integrated Crop Management in Mango"

Off campus training programme on "Integrated Crop Management in Mango" was conducted at Burdhipad, Raichur (Tq & Dist.). Awareness on crop management of mango comprised of planting methodology, training, pruning techniques, integrated nutrient management, integrated pest management and post harvest handling of the produce. Special emphasis was given through demonstrations viz., pruning techniques, micro nutrient management through spraying of mango special, fruit fly management by installation of pheromone traps 8-10 per acre, stem borer management by applying healer cum sealer in five farmer's field of Burdhipad. Dr. Hemalatha, Scientist (Horticulture) suggested not to take up any spraying activities as the crop is in peak flowering stage and provided scientific knowledge on fruit management for higher and quality yield. Dr. Shreevani, Scientist (Entomology) discussed about the pest menace of mango and effective integrated management strategies.



Field day on "Paddy Baler and Demonstration"

Tractor operated paddy baler developed to help the farmers in combining the paddy straw make it into bundles. After harvesting the paddy, the left over paddy straw will be collected manually by many labors which is time consuming and sometimes will be burnt which in turn affects condition of soil, so to conserve the soil, save labor cost & time farmers can use paddy baler.

Dr. Devanand Maski, Assistant Professor (Farm Machinery), College of Agriculture Engineering, Raichur, has briefly explained about use and advantages of paddy baler to the farmers. Organizer of the programme Smt. Veena, T., Scientist (Processing and Food Engineering), Dr.Hemalatha, K. J., Scientist (Horticulture) KVK, Raichur, Smt. Rekha, Agriculture Officer, Gabbur and 60 farmers from gabbur village has benefitted with this technology.



World Soil Day

World Soil day programme was celebrated on 5th of December, 2022 at University Auditorium by ICAR-KVK, Raichur in collaboration with Department of Soil Science, SUJALA – IV Reward Project, Department of Agriculture and IAT, Raichur under the theme "Soils: where the food begins". At outset, Dr. K. Narayana Rao, Professor and Head, Department of Soil Science welcomed the audience and dignitaries; Dr. S.N. Bhat, Scientist (Soil Science) made introductory speech. This Programme was inaugurated by Dr. B.K Desai, Director of Research, UAS, Raichur by watering and adding vermicompst to the plant. During inaugural address, he proclaimed the importance of soil in increasing the productivity of crop; soil health can be improved by adopting organic farming practices and cow based farming. But now-a- days, farmers are using chemical fertilizers and pesticides indiscriminately which are causing detrimental effect on soil health. Hence, there is an urgent need to protect our planet earth and handover to the next generation without any deterioration in its quality. The guest speaker was former professor of Soil Science and Director of Extension, UAS, Dharwad : Dr. N. A. Yeledhahalli, who gave detailed speech on this occasion narating various dimensions of soil health management. The life begins and ends in soil and hence it is considered as mother earth. Soil is the only natural resource which can supply 13 elements needed by crop plant and 90% of food comes only by soil. One more guest speaker shri. Shivakumar Patil Gudiyal of Maski taluka shared his experiences in integrated farming system.

Shri. Kotreshappa Kori, Board member of University of Agricultural Sciences, Raichur highlighted the importance of soil by remembering words of 32nd U.S President Franklin Roosevelt that 'The nation that destroy the soil will destroy itself' and also urged that there is an urgent need to halt increasing soil deterioration and erosion. The presidential remark was done by former Vice Chancellor and present Director of Extension, UAS, Raichur, Dr. M.K. Naik , who reiterated that earth is the only planet feasible for human livings and now-a-days, this planet is being polluted and degraded due to various activities. Hence this planet should be preserved and protected so as to ensure nutritional security and healthy life.

Shri Sunilkumar Verma, Board member of UAS, Raichur; Dr. M. Veeranagouda, Registrar; Dr. Gururaj Sunkad, Dean (PGS); Dr. Jagrati Deshamanya, Administrative officer, UAS, Raichur graced the function. Besides, Shri Nahim Hussain, Deputy Director of Agriculture; Shri Siddareddy, president of IAT, Raichur were present during the occasion.

Dr. Rajesh N. L; Assistant Professor of Soil Science gave introduction of guest speakers and vote of thanks by Dr. Prahlad Ubale, Senior Scientist and Head, KVK, Raichur. This programme was anchored by Dr. Hemalatha, K. J. and Dr. Shrivani G.N., KVK, Raichur. About 250 people including input dealers, farmers and students participated. All the post graduate students and staff of Dept. of Soil Science as well as KVK's staff were actively involved in successful completion of the event.





ICAR- KVK, Alappuzha

Skill Training for Rural Youth (STRY) conducted

A seven days' skill training programme on "Dairy, Goatary and Poultry management" for Rural Youth (STRY) sponsored by ATMA-Alappuzha was organized at the KVK between 19th and 27th December, 2022. In this hands-on-training programme, practical sessions and method demonstrations on various skilled activities viz., poultry vaccination, debeaking, brooder management, fish silage feed preparation, fodder cultivation and use of chaff cutter, manure pulvariser etc. were conducted in addition to the class room sessions on enterprise management and various Govt. schemes implemented in the sector. Exposure visit to progressive farmers' units at Muttar and Edathua was also conducted for a full day. Fifteen rural youths including 5 men and 10 women who have already initiated dairy, goatary and poultry farming activities were the participants. Participants expressed their happiness and knowledge gain in attending the training programme and how it could be useful in expanding their farming activities scientifically and economically. Dr. S. Ravi, SMS (AH) coordinated the programme.



ICAR- KVK, Bagalkote

Joint organization of Farmer scientist interaction meet and Bimonthly workshop

KVK Bagalkote participated in farmer scientist interaction programme and Bimonthly workshop in joint collaboration with Department of Agriculture at Chikkalaki village of Jamakhandi taluka at Shri Pandu Madik's vineyard on 21.12.2022. The programme was a unique in the sense in combined both interaction as well as exposure visits to the selected farmers field who have established processing centres and agripreneurs. Inaugurating the programme Dr Chetana Patil Joint Director of Agriculture explained about the programmes available with Dept of agriculture, crop survey, crop insurance and requested farmers to avail these facilities. She also urged to make use of Sanjivini vehicles. Dr R B Belli Associate Director of Extension, Vijayapur coordinated the technical session and informed the farmers about the Mela to be arranged at Hittinahalli farm of Vijayapur during first week of January. Dr Mouneshwari Kammar Senior Scientist and Head, answered the crop specific problems and explained the services available at DAMU project at KVK regarding weather based agriculture tips. Dr Vidyavathi Yadahalli Scientist (Soil science) delivered lecture in importance of soil and water testing, Dr Dineshkumar spoke on sugarcane cultivation practices and management of striga and grub in sugarcane. Dr Airadevi informed about the grape cultivation practices, Dr Venkanna Balaganur explained about the management practices of Lumpy skin disease in animals. Dr Sudha explained about the biological control of disease. After the lunch field visits were arranged to witness the advanced spraying machines for grape, a big farm pond, layer poultry farm, Grape processing and wine making unit, sweet corn processing unit, and sugarcane juice bottling unit at different farmers fields.





ICAR- KVK, Ballari

Celebration of 'National Farmers Day 2022' at KVK, Ballari

National Farmers Day to commemorate birth anniversary of former Prime Minister of India, Sri Chaudhary Charan Singh was celebrated at KVK, Ballari on 23.12.2022. Dr. Mallikarjuna, K, Joint Director of Agriculture, Ballari inaugurated the programme and recalled the programmes initiated by former PM for the welfare of farmers of the country. Dr. Ramesh B K, Senior Scientist and Head, ICAR - KVK, Ballari in his presidential address highlighted the importance of switching over to organic farming and natural farming to tackle adversaries of climate change and to achieve sustainability in farming. India with nearly 85 percent of small and marginal farmers has enormous opportunity to adopt these practices, he added. During the event, progressive farmers of Ballari District chosen by Dept of Agriculture in team with KVK Scientists were honored for their contribution and excellence in the field agriculture. Dr C. R. Chandrashekar, DDA Ballari, Sri Laxmikantha Reddy, President of Zilla Krishika Samaj, Scientists of KVK and 72 farmers from different parts of district and Diploma students participated in the programme. Dr. Anand Kumar, Scientist (Entomology) gave his deliberations on re-emergence of PBW in cotton and strategies for its control. Also interactions on black thrips menace in chilli were held with farmers. Dr. Ravi S., Scientist (Soil Science) welcomed the gathering and Dr. M R Govindappa, Scientist (Plant Pathology) proposed vote of thanks.



ICAR- KVK, Belagavi-I

Field day on Groundnut + Pigeon pea (3:1)

ICAR-BIRDS Krishi Vigyan Kendra, Belagavi-1 (Tukkanatti) organised field day on demonstration of Ground nut + Pigeon pea (3:1) intercropping system for popularization of intercrops in groundnut growing area. Programme organised at Chamakeri village of Athani taluk. During the programme Shri. R. M. Patil, Chairman, ICAR-BIRDS Krishi Vigyan Kendra, addressed the farmers about importance of intercropping system reduces the cost of cultivation and increases the net returns. Dr. D. A. Mhetre, Senior Scientist and Head, briefed about the cropping system. Shri. M.S. Gunjigavi, Agriculture officer, highlighted the facilities of Agriculture department and other line departments. Shri. M.N.Malawadi, Scientist (Agronomy), gave more emphasis on varietal characteristics of groundnut (G2 – 52) and pigeon pea (TS – 3R). Intercropping avoids the risk of farmers, additional income, increases the soil fertility status and also reduces the pest and disease problem. Totally 63 farmers were participated and benefited from field day programme





ICAR- KVK, Belagavi-II

Demonstration of Drone for spraying of crops

KVK demonstrated drone technology for spraying of Nutrients, Micro-nutrients and Pesticides on 28.12.2022. Drones are powerful tool to the farmers for spraying of pesticides. Manually spraying will always pose for a health hazard and is time consuming and labour intensive by employing the drone technology one acre of area can be sprayed in a time of 6-8 minutes and quantity of water requirement is also less as compared to the manual spraying, ten liters of water is sufficient for covering a one acre area. The demonstration of the drone was witnessed by Shri. B. R. Patil, Chairman, ICAR-KLE KVK, Mattikopp and staff of the KVK along with rural youths and farmers of the region.

CADA Training Programme

KVK organized training to the farmers of command area of Malaprabha and Ghataprabha in two batches for two days on "Recent Technologies in Agriculture". A series of lectures were arranged on management of problematic soils, integrated nutrient management, method of soil sampling, integrated crop management in field crops, integrated crop management in horticulture crops, integrated pest and disease management in field and horticulture crops, use of drudgery reducing equipment's for ease of farm operations, importance of processing and value addition in field and horticulture crops. At the end of the training feed back from the participants was sort. A total of 100 farmers were benefitted by the training programme. As part of the training programme farmers also witnessed the demo units at the KVK instructional farm.



ICAR- KVK, Bengaluru Rural District

Field day on Redgram and maize

ICAR-Krishi Vigyan Kendra, Bengaluru Rural District organized the field days on Integrated crop management in Redgram BRG-3 and Management of Potassium in maize through Bio-K at Kammasandra village, Hosakote Taluk in the field of Sri Pillegowda and Sri Ramachandrappa on 16th December 2022. Dr. J. Venkate Gowda, Senior Scientist and Head briefed about Integrated management of Redgram by following the practices like use of Blast and Sterility mosaic disease resistant variety BRG-3, seed treatment with Rhizobium (400 gm), sowing in the month of June, for getting good number of branches and higher yield nipping should be done in 60 days after sowing, for reducing the flower drop and for getting more number of pods spraying of pulse magic should be done at the time of flowering and pod formation stage (10 gm/litre of water), to contro l the pod borer use of pheromone traps (10/acre) and spinosad (0.25 ml/l) Dr. P. Veeranagappa, Soil Scientist highlighted the use of bio -K for reducing the cost on potassium fertilizers and increase the disease resistance with high yield. Dr. V.L. Madhuprasad, Head, Farmers Training Institute, GKVK, Sri Chandrashekar, Assistant Director of Agriculture, Hosakote, ATMA staff, Sri Devaraj and Sri Gopalappa, Grama Panchayath members, Sri Pille Gowda, Keshavaiah, Nagesh and 50 other farmers and farm women from neighboring villages were participated and benefitted from the programme.





ICAR- KVK, Bidar

FRAGRANCE FOR SANDALWOOD THROUGH SCIENTISTS AND FARMER INTERACTION ON CULTIVATION PRACTICES

One day Sandalwood grower and Scientists interaction programme on Improved Cultivation and Marketing aspects was organised at ICAR-KVK Bidar on 27th December 2022. The programme was sponsored by the Institute of Wood Science and Technology, Bengaluru. In this event the detailed cultivation aspects viz. land preparation, selection of seedlings, selection host plant, suitable companion crops, agronomical practices and finally marketing aspects were explained. The scientist Dr. M.V. Dorai has explained about practical aspects of orientation of the plant geometry, pit size, pit filling and planting with water and nutrient management. Further he explained about litter management of the crop. In the next session Dr. B.N. Diwakar has thrown light on estimation of heart wood and economics of the crop cultivation. At the end in the discussion many questions posed by the farmers were answered by the scientists. Some of the experienced farmers have shared their knowledge and experience regarding cultivation aspects. After the technical session Dr Sunilkumar N M, Senior Scientist and Head of KVK Bidar has urged the growers to form Bidar district Sandalwood farmers association in order to update the knowledge and trouble shoot the hurdle with finding easy channel for the marketing. Totally 118 farmers were participated in the event.



ICAR- KVK, Chamarajanagara

Inauguration of DAESI Programme - V Batch

Diploma in Agricultural Extension Services for Input Dealers (DAESI) programme – Batch V under the collaboration of MANAGE, Hyderabad, UAS, Bengaluru, ICAR - KVK and Department of Agriculture, Chamarajanagara was inaugurated by Dr. B. Kalpana, State Nodal Officer (DAESI), UAS, Bengaluru at KVK Chamarajanagara. Dr. Kalpana emphasized that the programme should form a chain link between the farmers, input dealers and scientists. She also stressed that doubling farmers income (DFI) can be achieved by means of proper information, knowledge, maintenance of soil and water resources, crop diversification with improved varieties, right seed selection and through sustainable agricultural practices. Mr. Madhusudhan, JDA, KSDA, Chamarajanagara highlighted that the purpose of DAESI is to bridge the gap between farming community and scientists/extension personnel, to provide farmers the practical knowledge and work together to achieve sustainability. He also provided information about the opportunities available and the duties to be followed after the completion of the programme. Dr. Chandrashekar S Kallimani, Scientist (Sericulture) urged to identify the gaps in agriculture and work towards goal oriented objectives. Dr. C. Doreswamy, Special Officer, College of Agriculture, highlighted the significance of the course. Dr. Mohan Kumar A. B., Scientist (Horticulture) briefly explained the general instructions to be followed throughout the course to all the participants and a brief introduction to the programme was delivered by Ms. Supriya N. S., Scientist (Agril. Extension).





ICAR- KVK, Chikkaballapura

Farmers Day

Farmers Day was celebrated at Kootarajanahalli village of Chintamni taluk. Dr. Papireddy Senior scientist and Head emphasized on role of farmers in economic growth of country and also explained about importance of natural farming for sustainable agriculture. Dr. Sandhya K, Scientist (Soil Science) highlighted about Soil test based fertilizer management. Dr. Tanweer Ahmed, Scientist (Agricultural Extension) explained about different schemes related to agriculture. 60 farmers participated in the programme.

Training programme

ICAR-KVK, Chikkaballapura organized training programme for extension functionaries on information communication technology, soil and water conservation techniques and natural farming on 24.12.2022. Dr. Papireddy, Senior scientist and Head along with Miss. Anuroopa, Deputy Director of Agriculture, Chintamani inaugurated the programme and urged to make use of the training programme in effective way. Dr. Tanweer Ahmed, Scientist (Agricultural Extension) delivered a lecture on ICT in agriculture and communication skills. Dr. Sandhya, Scientist (Soil Science) emphasized on soil and water conservation technologies. Mr. Vishwanath, Scientist (Agronomy) explained about natural farming.

Off campus training

Off campus training on management of fall army worm in maize was organized by KVK, Chikkaballapura on 29.12.2022. Dr. Swathi, Scientist (Plant Pathology) explained about symptoms and control measures for the management of fall army worm in maize.



ICAR- KVK, Chikkamagaluru

Krishi and Horticulture Mela-2022

ICAR Krishi Vigyan Kendra, Chikkamagaluru has organized Krishi Mela-2022 under the title of "Agriculture innovation for Sustainable livelihood" in collaboration with Zonal Agriculture and Horticulture Research Science, Mudigere and College of Horticulture, Mudigere at Krishi Vigyan Kendra Farmland on 23.12.2022. The programme was inaugurated by Mr. Kumaraswamy, Member of Legislative Assembly, Mudigere taluk, in his inaugurated speech briefed that the use of chemical fertilizers should be reduced and emphasis should be placed on conventional and natural farming and climate is now against the farmers who provide food to the country. Farmers are suffering due to untimely rains, farmers should take guidance from the scientists. Only if the farmers of the country are good, this country will be prosperous. So the government has implemented many schemes to benefit agriculture and advised to make use of these benefits. Dr. R. C. Jagadeesh, Vice Chancellor, Keladi Shivappa Nayaka University of Agriculture and Horticulture Sciences, Shivamogga, explained that this programme majorly focused on the farmers how to get remunerative price and also advised the farmers to practice multi-cropping and integrated farming system. Further briefed that farmers should apply the fertilizers based on soil analysis results and for any technical information, farmers should take guidance from the Scientist of KVK, Progressive farmers and industries, then only farmers can make their lives sustainable livelihood. Dr. J. Venkatesh, Former Directorate of Education, University of Horticulture Sciences, Bagalkot, briefed about technologies and new innovations developed in Cashew and other Horticulture crops. Dinesh Devrunda, National Executive Member of Kisan Morcha, briefed about new innovations and technologies in Agriculture and Horticultural crops, and about Agri startup programmes. During this programme 5 Technical Bulletins were released and also felicitated farmers, Mr. Chandrashekar, Natural farmer and Karnataka Rajyotsava award-2022, Mr. Amar D'souza, Progressive Farmer and Inland Fishery award-2022 and Mr. Krishnegowda, Progressive farmer. On account of Kisan diwas, Dr. Krishnamurthy, A.T, Senior Scientist and Head, Krishi Vigyan Kendra, Chikkamagaluru briefed that, every year December 23rd as celebrated as Kisan Diwas to honored the birth of the fifth Prime Minister of India, Chaudary Charan Singh, who started as a farmer and also this day aims to promote awareness of the importance of farmers and their valuable contribution to overall social and economic development of the nation. Further briefed about the extension activities and capacity development programmes are conducting by the KVK. On this occasion Dr. Hemla Naik, Directorate of Extension, KSNUAHS, Directorate of Research Dr. Mruthunjaya. C. Wali, KSNUAHS, D. L. Balakrishna, President, Taluk Growers Association, Mr. Shivananda, President, Taluk Panchayat, Old Mudigere, Halase Shivanna, President, PLD Bank and Dr. Shivaprasad, ADE, ZAHRS, Mudigere, Dr. Naraya. S. Mavarkar, Dr. Krishnamurthy, A.T, Senior Scientist and Head, KVK, Mudigere chaired as chief guests and address the gathering. During this programme about 75 stalls were installed and the programme was witnessed by Scientist, Staffs and Non teaching staffs and total 5000 farmers were participated and benefitted out of it.





ICAR- KVK, Chitradurga

National Kisan Diwas

National Kisan Diwas was celebrated in collaboration with department of Agriculture, Chitradurga at Mr. Jnanesh's organic farm, Doddasiddavvanahally village, Chitradurga tq. on 23-12-2022. The programme was inaugurated with feeding fodder to cow by the Joint Director of Agriculture, Chitradurga, Mr. P. Ramesh Kumar. During his inaugural speech he focused on organically grown food products, that are fetching good price in the market. People now a days are very much health conscious and ready to pay more for good quality food products. He also suggested the farmers to adopt organic farming practices. And he also assured to provide government facilities to install organic food stall at Dodda siddavvanahally. Dr. O. Kumara, Sr. Scientist and Head was the chief guest for the programme and during his speech he discussed about the importance of soil health and the importance of organic farming practices in improving the soil health. Farmers have to adopt growing green manure crops which are then incorporated into the soil. Usage of organic manures like compost, Vermicompost, FYM need to be adopted by the farmers for reduction of usage of inorganic fertilizers. Farmers leaders, officials from line departments of Chitradurga along with 150 farmers were present in the programme.



ICAR- KVK, Mangaluru

Demonstrations on Integrated Pest and Disease Management in Coconut and Arecanut

ICAR-Krishi Vigyan Kendra (Dakshina Kannada) Mangaluru organized demonstrations on Leaf Spot Management in Arecanut, Red Palm Weevil and Rhicoceros Beetle Mangement in Coconut and Root Grub Management in Arecanut for Pingara Horticulture Producer Farmers Company Limited, Vittal on 15-12-2022, 20-22-2022 and 22-12-2022 respectively at Vitlapadanur, Manchi and Kepu villages of Bantwala taluk in convergence mode with Karnataka State Horticulture Department, Bantwala, Dakshina Kannada and ICAR-CPCRI, Kasargod. Mr. Ramakishore, President, Pingara HFPC, Vitla inaugurated the programme. **Shri. Mahalinga Naik, Padma Shri Awardee presided over the programme.** Dr. T. J. Ramesha, Senior Scientist and Head addressed the farmers to adapt integrated management practices for Pest and Disease Management in Horticultural crops. Dr. Rashmi, R., Scientist (Horticulture) coordinated the programmes and delivered lecture on Production Technology of Arecanut and Coconut. Dr. Kedarnath, Scientist (Plant Protection) participated as resource person and briefed about integrated pest and diseases management in Arecanut and Coconut and Dr. Rajkumar. Scientist, ICAR-CPCRI, Kasargod participated in method demonstration on use of EPN for Root Grub Management in Arecanut. A total of 75 FPO farmers were benefitted from the three programmes and critical inputs were provided to the 36 selected farmers. Mr. Krishnamoorthy, Director, Mr. Pradeep, CEO, Pingara FPO, Mr. Janardhan and staff of Pingara FPO graced the occasion.





ICAR- KVK, Davanagere

Introduced Mango Special through FLD

Follow up visit to FLD, Integrated management in Mango plots were conducted at Doddabbigere village of Channagiri taluk. Dr. Devaraja T. N. Senior Scientist and Head addressed Mango growers on Integrated Nutrient Management practices. Application of Mango special @ 5 g/l during pre-flowering and flowering stage along with 13:0:45 @ 5 g/l will enhance flower to fruit ratio. Dr. Avinash T. G. SMS (Plant Protection) suggested farmers to use Neem oil 5000 ppm @ 3-4 ml / l to manage the incidence of leaf hopper and to manage Powdery Mildew spraying of Azoxystrobin @ 1 ml/l will manage. Advised farmers not to use pesticide on calendar basis, which deter pollinators. Provided Neem oil and Mango special to FLD Mango growers as critical inputs.

Celebrated National Farmers Day

ICAR-Taralabalu KVK in collaboration with Department of Agriculture, ATMA Project, IAT, District Krishik Samaj, IFFCO and Coromandel International Ltd. celebrated National Farmers Day. Dr. Devaraja T. N. Senior Scientist and Head addressed farmers on significance of farmer's day celebration. Further, opined that farmers need to focus on income, health, happiness and they must read and keep books related to agriculture to update their knowledge. Mr. Srinivas Chinthal JDA, Davanagere said, that farmers need to focus more on Natural farming. Special seminars on Integrated Farming System and Natural farming were organized; and best farmers awards were presented under Davanagere taluk level ATMA project. Mr. Sannagoudru H. M. SMS (Soil Science) delivered a lecture on natural farming and Mr. Murugeshappa progressive farmer shared his integrated farming practice experience with farmers. Mr. Maheshwarappa, H.D. Member TRDF delivered presidential remarks. 146 farmers participated in the program.



ICAR- KVK, Dharwad

Sugarcane(CoSnk-13436) Field Day and visit to Integrated Farming System fields

Directorate of Extension, UAS, Dharwad, ICAR-KVK, Dharwad, Agricultural Research Station, Sankeshwar and NABARD jointly organized Field Day on Sugarcane (CoSnk-13436) in the field of Shri. Basanagowda Patil at Honnapura village and arranged visit to Integrated Farming System fields of Shri. Ramappa Nandanawadi and Smt. Nagavva Marihala of Honnapur village of Alnavar taluka on 22.12.2022. Shri. Y. N. Patil, Member, Board of Management, UAS, Dharwad participated as the Chief Guest in the program, shared his experiences with sugarcane and mango cultivation. Shri. Shrinivas Kotyan, Member, Board of Management, UAS, Dharwad said that farmers can get assured income through integrated farming system approach and farmers should adopt new technologies in agriculture and Israel model of farming practices to earn more income. Shri Mayur Kamble, District Development Manager of NABARD, Dharwad created awareness about about facilities and schemes of NABARD for the benefit of farmers. Dr. Shripad Kulkarni, Nodal Officer (KVKs), UAS, Dharwad and Principal Investigator of NABARD's Integrated Farming System Project welcomed the gathering and gave introductory speech about the programme and explained about the activities implemented under Integrated Farming System Project in Honnapura village. Dr. Sanjay Patil, Head, Agricultural Research Station, Sankeshwar explained about the characteristics of Sugarcane variety CoSnk-13436. CoSnk-13436 is a new sugarcane cultivar suitable for malnad areas. Is capable of yielding 70-80 tonnes per acre and also gives good income as seedling nursery. It is early to mid variety with resistant to disease and insect attacks. Shri. Parappa Nayaka, Member, Gram Panchayat, Honnapur presided over the programme. Shri. Ramappa Nandanawadi, Shri. Veeresh Dharwad, Shri. Basanagowda Patil and Smt. Nagavva Marihal shared their farming experiences. Dr. I. K. Kalappanavar, Associate Director of Research, UAS, Dharwad explained the importance of integrated farming system. Dr. Geeta S. Tamgale, Scientist (Home Science), ICAR-KVK, Dharwad compered the programme and Dr. S. A. Biradar, Senior Scientist and Head, ICAR-KVK, Dharwad gave vote of thanks. More than 120 farmers/ farm women of Honnapur village, KVK staff, extension workers of NABARD and extension workers of Deshpande Foundation, Hubballi participated in the programme.





ICAR- KVK, Ernakulam

KVK celebrated Kisan Diwas

KVK Ernakulam celebrated Kisan Diwas at Karumaloor on 23rd December 2022 by honoring prominent farmers. As part of the programme, Karimeen (Pearlspot) harvest and fest showcasing its delicacies was also arranged by KVKs Pearlspot farmers group in Karumaloor. Shri Ullas Thomas, District Panchayat President inaugurated the programme while Smt. Devi Sudhi, Ward member, Karumaloor Grama Panchayath presided over. Dr Vikas P A, Subject Matter Specialist (Fisheries) explained the activities done by the farmers' group and KVKs role in technology backstopping. Shri Bose, Fish farmer, Smt Ratnavally Sreedharan, Dairy farmer and Shri T V Sabu, Vegetable farmer were felicitated by the District Panchayat President. Total 70 farmers including KVK officials and ward members participated.



Training on Manure production from fish market waste conducted.

The KVK Ernakulam conducted a training programme on Manure production from fish market waste to women self help group members as part of Swachhta Pakhwada on 28th December 2022. The fish waste manure made through aerobic decomposition of fish waste in coirpith medium contains all essential nutrients for plant growth. This KVK has been producing branded fish waste manure and supplying to farmers.



ICAR- KVK, Gadag

POST HARVEST TECHNOLOGY IN RED CHILLI

Red Chilli is an important spice crop and is predominantly cultivated in Gadag district owing to suitable soil and climate situations. Under "One District-One Product", Byadagi type Chilli has been identified. Farmers have been cultivating Byadagi Dabbi and Byadagi Kaddi type of red chilli which are known for their flavour, colour and pungency. Improper post harvest management results in high content of aflatoxin, high per centage of white fruits and unhygienic method of drying of chillies. All these lead to less market value for the produce. To overcome this problem, Front Line Demonstration on Solar Drier was organised in Asundi village of Gadag block and Halligudi village of Mundaragi block. On-farm training and group discussion on drying of chillies in solar drier was organised and demonstrated to the farmers. In solar drier, drying is faster, reduction in labour requirement and aflotaxin content and it is possible to get clean and dark red colour chillies. The farmers expressed happiness about the technology.



DEMONSTRATION OF BATTERY OPERATED ONION DETOPPER

Battery operated onion detopper was demonstrated under FLD on ICM in Onion at Halligudi village of Mundaragi block in Gadag District. There was positive response from the farmers about the performance of the machine. Farmers opined that the battery operated onion detopper reduced the labour, time and cost of operation when compared to manual onion detopping operation. Further, they expressed that the machine is more suitable for small and marginal farmers for detopping of onions.





ICAR- KVK, Hassan

Farmers Day

ICAR-KVK, Hassan in collaboration with College of Agriculture Hassan, Institution of Agricultural Technologists, Hassan chapter has organized the 'Farmer's Day' on 23/12/2022 at Hassanamba Auditorium, College of Agriculture, Karekere, Hassan. Prof. J. B. Shivaraj, Trustee, Kasturaba Gandhi rashtriya samraka trust, Arasikere has inaugurated the programme and during his inaugural speech he said that farmers are the back bone of our country and they were working hard to feed the nation so celebrating a day in the name of farmers is very meaningful. Mrs. Kavitha, M., Canara bank state level award farm women, Holenarsipura taluk has said that women should involve more in agriculture to become self-sustain financially. Further, she also shared his experience and techniques in farming which followed in his farm. Mr. Manjegowda, Progressive farmer, Baladare, C. R. Patna taluk has said that the farmers who were practicing integrated farming system were getting more income and also the percentage of loss was very less in case of integrated farmers when compared to other farmers. Further he shared his 10 years of experience in integrated farming. Dr. Rajegowda, Senior Scientist and Head, KVK, Hassan during his introductory remarks mentioned the history and motto behind the celebration of national farmers' day and he also mentioned the KVK activities which were helpful for farming community. Dr. Vasudevan, S. N., Dean (Agriculture), College of Agriculture, Hassan has chaired the programme and during his presidential remarks he said that maintaining soil health will maintain farm health and in turn helps to earn more income for the farmers. Further, he mentioned that farmers should adopt new and innovative technologies and also practice integrated farming system to get sustainable income. Scientists KVK, Hassan, Students, teaching and non-teaching staff, College of Agriculture, Hassan and Farmers of Hassan district were participated in the programme.



ICAR- KVK, Haveri

FPO inauguration done by Chief Minister of Karnataka at Huralikuppi

ICAR-KVK, Haveri Participated in Savanur FPO inauguration with was done by Chief Minister of Karnataka Shri. Basavaraja Bommai at Huralikuppi of Savanur Taluk. He said that an organization has been started to give better prices to all the products of the farmers to give power to the farmers of agriculture-based rural areas and avoid the menace of middlemen. He spoke while inaugurating the newly started Savanur Farmers Producers Company in Huralikuppi village of the taluk. The life of a farmer who owns agricultural land is in a field of uncertainty. To get a vision for this, it is necessary to be scientific. Farmers have made our country a food secure self-sufficient country by increasing its economic productivity. Honourable Vice-Chancellor of University of Agricultural Sciences, Dharwad Dr. P.L.Patil, said that farmers have to take up scientific farming for raising their income. They have to utilize KVK, Haveri (Hanumanamatti) for getting technology information. The KVK, Haveri also participated in the programme by exhibiting technology information suitable to Savanur taluk particularly on millets. The Scientist Dr. Ashoka P, Dr. Rajakumar G.R, Dr. Santosh H.M and Dr. Mahesh Kadagi gave lectures during technical sessions before the programme. The Associate Director of Extension, Dr. P. S. Hugar, was present in the programme and guided the KVK Staff in exhibition of technologies and specimens for Savanur farmers. The soil health cards prepared by KVK, Haveri distributed to member farmers of Savanur FPO by Hon'ble Chief Minister of Karnataka and Hon'ble Vice-Chancellor of UAS, Dharwad. In the programme Gram Panchayat President Kakimani, and other dignitaries, Gangadhar Banada, such as Meenakai, Subhas Gadeppanavar, Mohan Patil, Directors Rudragowda Patil, Ramesh Aragola, S.Y. Ashoka Eligara, Company CEO Marigowda Lakkanagoudra and staff including farmers and farm women were present. There were more than 90 thousand farmers in the programme.





ICAR- KVK, Idukki

METHOD DEMONSTRATION OF JEEVAMRITHAM APPLICATION IN NATURAL FARMING PLOT BY KVK IDUKKI

ICAR-Krishi Vigyan Kendra(BSS), Idukki conducted an awareness and Method demonstration of Jeevamritham application in plot of Natural Farming in small cardamom on 22nd December 2022 at Thekkinkanam, Rajakkad Village. The Farmers were made aware on Natural farming and its importance. The role of Krishi Vigyan Kendra in promoting Natural farming in Idukki District was showcased via the programme and maintaining natural farming for sustaining the soil Health in Idukki District. The farmers were made also aware on the importance of natural farming for improving the soil health. The Natural farming concept was made aware to the farmers by demonstration major component application in the farmers field at Thekkinkanam village. Jeevamritham Solution was prepared in farmers field of natural farming. The plot was applied with Jeevamritham solution as part of the natural farming in small cardamom. The demonstration and programme was conducted by Ms. Manju Jincy Varghese, SMS (Soil Science) and Preethu K Paul, SMS Ag. Extension, KVK Idukki

Swacchta Pakhwada 2022

Swacchta Pakhwada awareness training as well as Quiz competition for school children was conducted at Mar Basil Higher secondary school on 21-12-2022 by Dr. S Jayababu, SMS Animal Science, ICAR KVK(BSS), Idukki. 35 School children participated in the event and also prize distribution were conducted. And also Swacchta sanitation and cleanliness drive of office premises and Library room was conducted at Senapathy thottikanam Upper primary school on 22-12-2022. During the event 25 school children as well as staff members were participated.



ICAR- KVK, Kalaburagi-I

Workshop on Millets and Products

One day workshop on millets under agriculture based programme was jointly organized by Bhootayi FPO Company limited, Tadkal, IIMR, Hyderabad and Krishi Vigyan Kendra, Kalaburagi-I at Tadkal, Aland taluka on 29.12.2022 on the eve of International Year of Millets-2023. Scientists from IIMR, Hyderabad explained about the importance of FPO, its objectives and activities and appreciated the work of Bhootayi FPOs collaborative works, capacity of the team and also highlighted the beneficial uses of millets and its products for sustainable health. In this programme Dr. Zaheer Ahamed, Scientist (Pathology) ICAR-Krishi Vigyan Kendra, Kalaburagi participated and highlighted the importance of millets and its nutritive values. Also highlighted about the different millets production and processing technology and also suggested to the farmers make use of these technical programmes of KVK for your good health and wealth. In this programme, different types of millet products exhibition, provide the information and facilitated to the millet growing farmers. The malnutrition is the major problem in Kalyana Karnataka region nutritive rich food need of hour chemical free cultivation of crops told by Progressive farmer Sharanabasappa Patil Halsultanpur. Finally, CEO Kum. Rakshita welcomes and IIMR, SRF Sri. Kailash thanked to all the participants. More than 150 farmers were participated in the programme.





ICAR- KVK, Kalaburgi-II

Swachhta Pakhawad awareness program conducted

ICAR-Krishi Vigyan Kendra, Kalaburgi-II conducted Swachhta Pakhawad awareness program at Bhanavi village of Kalagi talukas Dist. Kalaburgi on 17-12-2022. During this event Dr. Basavaraj K, Scientist (Agri. Entomology) explained about importance of Cleanliness drive including cleaning of school, offices, corridors and premises. Bring about an improvement in the general quality of life in the rural areas, by promoting cleanliness, hygiene and eliminating open defecation. Dr. Chethan T, Scientist (Horticulture) briefed about the maintaining of housekeeping service with high cleanliness standards, weeding out, safe disposal of old records/ furniture's/ junk materials. There were 47 farmers and farmwomens participated in the awareness program and discussed various problems pertaining to swachhat Pakhawada in the school, Primary health centers, village surrounding and other Govt. office premises.



Off campus capacity development programme on ICM of Groundnut under NMOOP on oilseeds

ICAR-Krishi Vigyan Kendra, Kalaburgi-II conducted off campus capacity development programme on ICM of Groundnut at Annikera village Tq. Chittapur Dist. Kalaburgi on 21-12-2022. During the event Dr. Manjunath N, Sr. Scientist & Head explained about improved and advanced production technology of groundnut crop to get higher productivity in the farmer's field and also suggested timely and judicious use of foliar micro nutrient application in the groundnut crop. Dr. Chethan T, Scientist (Horticulture) briefed about importance of Zinc sulphate application and irrigation management practices in groundnut. There were 35 farmers participated in this event.



ICAR- KVK, Kannur

Training Programme on Value addition of Banana

A one day training programme was conducted at Krishi Vigyan Kendra Kannur on 22nd December 2022 on value addition of Banana. Session on value added products of banana was handled by Smt. Elizabeth Joseph, Assistant Professor (Home Science), KVK Kannur. A discussion on business plan of FPO and prospects of processing and value addition of banana was led by Dr. Parvathy A., Assistant Professor (Agricultural Extension), KVK Kannur. Board of directors of the Krishika Patiam FPO and banana farmers participated in the training programme.





ICAR- KVK, Kasaragod

Kisan Diwas Celebrations 2022

Kisan Diwas was jointly organized by ICAR-Krishi Vigyan Kendra, Kasaragod and Green Chandragiri FPO, at Padne Village, Nilleshwar, Kasaragod on 23rd December 2022. Mr. B Anil Kumar, CEO, Green Chandragiri FPO welcomed the gathering. The Kisan Diwas was inaugurated by Dr. Muralidharan K, Director, ICAR-CPCRI, Kasaragod. During his inaugural address he briefed the importance of Kisan Diwas and motivate the farmers for the active participation in the FPO through sustainable entrepreneurs through locally potential ventures. He also extended all technical supports and cooperation in the upcoming programmes of FPO from CPCRI and KVK. After the inaugural function there was a productive and healthy interaction with participating farmers on potential ventures can take up in the FPO and other clarification on FPO functioning. Dr Manojkumar TS, Head, ICAR-KVK, Kasaragod clarified the doubts and suggested the potential entrepreneurship can take up for the sustainable functioning of FPO. The session was moderated by Dr. Benjamin Mathew, SMS-Horticulture, ICAR-KVK. During the programme Mr. P.V Mohd Aslam, Pandne GP President; Mr. B Rathnagar Nambiar, Chairman, GCFPO and Mr. Sheikh Abdul Jabar, MD, GCFPO are also shared their views for the sustainable functioning of the FPO. A total of 85 farmers participated in the programme.

Value addition training for FPO members:

Kasaragod provided handholding support to the FPO by providing training on value addition of mussels during 27-30th of December 2022 at Padne Village, Nilleshwar, Kasaragod; 46 members from the FPO participated in the programme. The members were trained in making various products like cutlets, frozen cutlets and pickles from green mussels, pickles and fried products from black mussels, shrimp pickles and lemon, mango, amla and mixed vegetable pickles.



ICAR- KVK, Kodagu

Training programme on Agro Ecological Practice for Community Resource Persons (Krishi Sakhi's) of Farm Livelihood

ICAR- Krishi Vigyan Kendra, Gonikoppal in collaboration with the National Rural Livelihood Mission-Sanjeevini, Government of Karnataka conducted six day training programme on Agro Ecological Practice for Community Resource Persons (Krishi Sakhi) of Farm Livelihood from 19-24th December 2022. The programme was inaugurated by Joint Director of Agriculture Smt. Shabana Sheikh. Dr. Venkatesh, State Programme Manager highlighted the objective and importance of the programme (Joined online) in the introductory note. In the programme District Programme Manager Mr. Kumar, District Manager Mr. Jagannath, Mr. Yogesh Taluk Programme Manager, KVK Head Devaiah and scientists were present. During the six days programmes the various topics covered were: Importance of women in agriculture, Communication skills, soil management, water management, different schemes and facilities available in the district for empowerment of SHGs, important crops pests and their integrated management, methods of seed treatment, value addition in turmeric and drumstick crops, packing, labelling and branding of value added products, mushroom production, etc. Field visits and Arka microbial consortium bio-fertilizer production unit lab, soil lab, KVK farm visits were also organized for the participants. The programme was coordinated by Mr. Prabhakara B, SMS (Horticulture). A Total of forty farm women participated in the training programme.

Field day on paddy conducted at Ayursuli village

ICAR-KVK Gonikoppal, Kodagu conducted a field day for paddy crop at Ayursuli village, Thitimati on 21st December 2022. KVK Head and Subject Matter Specialists from KVK were present. They briefed the farmers about the crop varietal characteristics and the farmer in whose field the Front line demonstration was conducted, also shared his views on different paddy varieties and explained in detail about various farmer field school sessions which was conducted by ICAR-KVK Kodagu throughout the phenological stages of crop and how it helped the him in achieving higher yields in paddy crop. A Total of thirty-two farmers from the village were present during the field day.





ICAR- KVK, Kolar

Awareness programme on Natural farming

ICAR- KVK Kolar organized Awareness programme on Natural farming at Honnenahalli Village of Kolar taluk on 16.12.2022 and Seethampalli village of Bangarpet Taluk on 22.12.2022. Dr. Anil kumar, Scientist (SS&AC) delivered lecture on Natural farming. A total of 125 farmers and Farm Women had benefitted from the program.

Campaign on Swachhata Pakwada programme

ICAR- KVK, Kolar organized Campaign on Swachata Pakhwad Programme at KVK, Kolar on 19.12.2022, all KVK staff had participated and clean the premises & KVK farm. Swachhata pakhwad campaign was organized for FFS farmer's in Gadhekannur village of Kolar Taluk on 20.12.2022 and taken Swachhata pledge. Scientists delivered lecture on waste utilization for production of organic manure and created awareness on sericulture, 25 farmers had participated in the programme. KVK organized Swachhata pakhwad programme to school children in Chadhumanahalli, Kolar Taluk and taken swachhata pledge on 21.12.2022. Scientist delivered lecture on an Importance of cleanliness for maintaining good health. 55 students had participated in the programme.

National Farmers Day (Kisan Diwas)-2022

KVK, Kolar organized Farmers day (Kisan Diwas) in collaboration with KSDA Kolar and ZUARI Farm hub Bengaluru on 23.12.2022 at KVK, Kolar. The programme was inaugurated by Sri. Kuldip Sharma, Joint General Manager, Adventz group and Sri Ashoka, Deputy Director, KSDA, Kolar was the chief gest. The function was presided over by K. Thulasiram, Senior Scientist & Head. Lectures were given by KVK Scientists on Natural Farming, Good Agricultural Practices in Horticultural crops and created awareness on Swachata pakwada. Ten awardee farmers were facilitated on the occasion. 80 farmers and 30 officials had participated in the programme.the programme.



ICAR- KVK, Kollam

KISAN SAMMAN DIWAS CELEBRATION

National Farmers Day, also known as Kisan Samman Diwas, is celebrated at KVK Kollam on December 23rd to commemorate and recognize farmers as the country's backbone. This day was chosen to commemorate the birth anniversary of Choudhary Charan Singh, India's fifth Prime Minister. Farmers work around the clock and year-round to guarantee people do not starve to death or die of hunger, yet they struggle to consume at least two square meals every day. Every year, Farmer's Day is observed to raise awareness of and thank farmers for their contributions to society. KVK Kollam conducted Awareness campaign programme on natural farming on 23-12-2022 as part of "National Farmers Day" celebration 2022. A session on "Natural Farming and good Agricultural Practices" was handled by Smt. Neeraja C R Assistant Professor; Agronomy. Desi cow is one of the inevitable components in Natural Farming. Dr. Parvathy S Assistant Professor, Animal Husbandry handled the class on Indigenous cow breeds in Kerala and its importance in Natural Farming. Preparation of Panchagavya was also demonstrated for the farmers. A Session on "Scientific Vegetable Production in Homesteads" was handled by Dr Saroj Kumar V Assistant Professor, Horticulture. A total of 60 farmers were attended the KISAN SAMMAN DIWAS CELEBRATION. Organic inputs like Enriched Coir pith compost, Paecilomyces, Nanma and Raksha were also distributed to the farmers.





ICAR- KVK, Koppal

Field day on demonstration of Sunflower hybrid RSFH-1887 under NMOOP

In recent years sunflower has emerged as a potential oilseed crop in both rainfed and irrigated farming. It is a major source of vegetable oil in the world. In India it has gained popularity due to the national priority of vegetable oil production. But due to pest and disease attack and use of local seeds in sunflower, there was huge yield gap in the sunflower. Sunflower hybrid RSFH-1887 has a yield potential of 25 q ha⁻¹ seed (11-29 %) and oil (15-34 % over check hybrids). RSFH 1887 is moderately resistant to necrosis, sunflower leaf curl disease and Alternaria disease. Realizing this problems ICAR Krishi vigyan kendra ganagavthi conducted cluster front line demonstration on sunflower hybrid RSFH-1887 in Konasagar and vajrabandi villages. On 28.12.2022 ICAR KVK gangavtho organized field day on demonstration of Sunflower hybrid RSFH-1887 under NMOOP in konsagar village. Programme was inaugurated by the Sri. Pranesh ADA, Yelburga, he explained in detail about the importance of new hybrids in oilseed crops. Dr. Fakirappa Scientist (Agro meteorology) explained in detail about the integrated crop management in sunflower. Smt Farznana korabu Senior technical assistant (Soil Science) narrated about the importance of soil testing. Dr. Kavitha.Y.Ullikashi Scientist (Home Science) explained in detail about the processing and value addition to oil seeds. Sri Kanteppa Progressive farmer konasagar explained his experience in cultivation of sunflower RSFH-1887 with other farmers. More than 60 farmers participated in the programme.



ICAR- KVK, Kottayam

Technology clinic on "Food Processing and Value Addition"

KVK, Kottayam in collaboration with District Industries Centre (DIC), Kottayam conducted two days technology clinic on "Food Processing and Value Addition" at Common Facilitation Centre, Krishi Vigyan Kendra, Kottayam. Jack and Coconut, the major crops available in the homesteads of Kerala were selected for value addition. Value addition technologies in Jack fruit Jam, sip-up, squash, dried Jack, tender jack cutlet, coconut chutney powder, virgin coconut oil, tender coconut shake and tender coconut shake were demonstrated in the two days programme. The programme was presided by Dr. G. Jayalekshmi, Programme coordinator, KVK, Kottayam and inaugurated by Smt. Lauly M. V., General Manager, DIC, Kottayam. Sri. Ajimon K. S., Manager, DIC, Kottayam and Dr. Navya R., SMS, KVK Kottayam coordinated the programme. Smt. Vinuja Vijayakumar (Research Assistant), MS. Monisha V. M. (Skilled Assistant), KVK, Kottayam handled the sessions of the technology clinic. 30 entrepreneurs selected by the DIC attended the

Kisan Diwas celebration

Kisan diwas was celebrated at KVK Kottayam on 23rd December 2022. As a part of the programme, organized awareness training on natural farming to the students of Govt. vocational higher secondary school, (VMBSGVHSS) Thalayolaparambu. Fifty students participated in the programme. In addition, a demonstration on collection of aquatic weeds like Salvinia, Pistia, Eichhornia etc. from water bodies near the office premises was conducted for keeping the water bodies weed free and for organic recycling by compost making. 200 students from SN College, Kumarakom and BCM College Kottayam along with their teachers participated in collecting aquatic weeds using weed collectors.





ICAR- KVK, Kozhikode

Special Swachhta Pakhwada (16 days programme) Celebrated

16 DAYS programme of special Swachhta Pakhwada was celebrated by KVK with oncampus and off campus activities. On 16th December 2022 the programme was inaugurated by Dr. K Thimmappa, Nodal Officer & Principal Scientist, ATARI Bengaluru by planting of seedlings at KVK IFS unit. KVK Staff in association with experimental farm staff were involved in Activities like cleaning of hostel terrace, collection and disposal of plastic waste from KVK campus: Awareness programmes about of cleanliness and plastic avoidance to students and farmers: establishment of vegetable garden at experimental farm and renovation of wick irrigation demo model.

Kisan Diwas celebrated at KVK

Awareness seminar on natural farming and training on pepper planting material production were conducted for the farmers from different parts Kozhikode. Demonstration on Jevamrutham preparation and bush pepper making were conducted by Dr. K M Prakash, SMS, KVK. On the day, the nutria-garden beneficiaries were distributed with vegetable seeds and seedlings, while the NICRA project beneficiaries were distributed with cashew grafts for immediate planting.



ICAR- KVK, Malappuram

Panel discussion on sustainable dairy farming

AS part of District level ksheerasangamam(the dairy farmers meet), organized by the dairy development department, a panel discussion was conducted on Sustainable and profitable dairy farming, wherein around 150 progressive dairy farmers were participated. The lead presentation on the topic was performed by Dr. C. Ibraheem Kutty, Programme coordinator, KVK, and deputy director of the department from Malappuram district and two successful dairy entrepreneurs from Wayanad district were the other speakers. There was active exchange of ideas based on the various issues come across by the farmers subsequent to the shift for rearing high yielding cross bred cows in the state and import of such animals from the nearby states. Deputy Director of dairy development department from Kasaragod district, Smt Sheeba Khamer was the moderator for the discussion.

Impetus to the tuber village: Aerial Spraying of Micronol in cassava fields using Drone

Alipparamba, the tuber village of Malappuram district is endowed with richness of diverse tuber crops cultivated on commercial scale and KVK Malappuram has made extensive efforts to upkeep the quality of tuber crops and trigger the livelihood opportunities of tuber growers. On the facet, Frontline demonstration on aerial spraying of cassava special micronutrient mixture – ‘Micronol’ solution developed by CTCRI was carried out with the collaboration of ICAR-CTCRI, Trivandrum using drone. Micronol solution is a promising technology to combat micro-nutrient deficiency induced problems and improve the quality of tubers. The demonstration was inaugurated by Mr. Afsal K., Gram Panchayath president and peoples’ representatives witnessed the programme. Drone covered 7 ha of cassava crops in an hours time.





ICAR- KVK, Mandya

National Farmers Day – 2022 celebration

ICAR – KVK, VC Farm, Mandya and J Farm Services in collaboration organized National Farmers Day on 23rd December, 2022 at KVK, VC Farm, Mandya. In connection with National Farmers Day two progressive organic farmers and two farm women who are involved in production of millets based value added products and have emerged as entrepreneurs from the training provided at Krishi vigyan Kendra were invited to the programme so that the farmer prevailing from other regions could get inspired from their achievements. Programme was inaugurated by pouring water to plant by dignitaries. Dr. Kamalabai Kudagi, Scientist (Home science) welcomed the dignitaries and farm gathering, Mr. Chauhan, District Head, J Farm services briefed the platform created by J Farm through App based farm to the farming community in his speech. Progressive farmers Mr. H. S. Niranjana, Mr. Chandrashekar, Mrs. Sakamma and Mrs. Manjula were facilitated on this occasion. Dr. Naresh, N. T., Senior Scientist and Head, briefed about the importance of creating own brand in farming and advantages of natural farming and also contribution of farming community for the country's development in his presidential remarks. Dr. Suresh, D. K. Scientist (Agricultural Extension) host the programme. Scientists and non technical staff of KVK, VC, Farm witnessed the programme. 69 farmers participated and benefited by this programme



ICAR- KVK, Mysuru

Celebration of Farmers Day

Command Area Development Authority (CADA), Mysore, Department of Animal Husbandry and Veterinary Services, Mysore and Mangalore Chemicals and Fertilizers, Hassan under the joint auspices of ICAR JSS Krishi Vigyan Kendra, Suttur celebrated Farmer's Day on 26.12.2022. Mrs. H.T.Chandrakala, Joint Director of CADA, Mysore, who participated in the function as the chief guest. Chandrakala said that the farmers should not rely on a single crop but adopt integrated agriculture to become economically empowered. Mysore Deputy Director of Animal Husbandry and Veterinary Services Department Dr. B.N. Shadaksharamurthy said that animal husbandry is an integral part of farmers. Farmers cannot be imagined without cattle. Farmers were therefore called upon to take special interest in animal husbandry along with agriculture. He said that if the cattle rearing area is kept clean, diseases can be prevented. He informed that more than 340 cows were treated for barren cows and health check-ups for other diseases were given free of charge in Tumnerale village of Nanjangud taluk. Mr. Omkaramoorthy, Chief Sales Officer of Mangalore Chemicals and Fertilizers, Hassan said that a 45 kg bag of chemical fertilizer costs Rs 2340/-. Union government is giving Rs 2060/- as subsidy and farmers are getting Rs 280/-. He told the farmers that it is advisable to give fertilizer based on the soil test to maintain the health of the soil. Mrs. H.V. Divya said that Farmers' Day is being celebrated on December 23 in the memory of Chaudhary Charan Singh, the fifth Prime Minister of India. 20% GDP contribution of the country's is from agriculture. She said that the farmers should adopt the new technologies invented in the agriculture sector and make more profit. She called on farmers to use more Nano urea to reduce fertilizer Dependency. Mr. Narayana Rao Shinde of Hulyalu village of Hunsur taluk, Mr. Chinnabuddhi of Danayakanapura of T. Naraseepur taluk, and Mr. Sundaraswamy of Bannahalliundi were honored at the same time.





ICAR- KVK, Palakkad

Tribal subplan project at Attappady in collaboration with IIHR

Indian Institute of Horticulture Research, Bangalore in collaboration with Krishi Vigyan Kendra Palakkad and Agriculture Department started a tribal sub-plan project at Kadambara hamlet in Attappady, in joint venture with Department of Agriculture under the auspices of Indian Institute of Horticultural Research, Bangalore. As part of this, 8 IIHR varieties of vegetable seeds (French beans, chillies, tomatoes, brinjal, beetroot, spinach, lentil, spinach), seeds of 10 exotic vegetable varieties and papaya seeds (Arka Prabhat), Arka Vegetable Special and Arka Microbial Consortium were distributed to tribal farmers to conduct demonstration in their gardens. Agali Assistant Director Mrs. Lata Sharma welcomed the dignitaries and KVK Programme Coordinator Dr. Sumiya KV explained about the technical implementation of the project. Block Panchayat President Smt. Maruti Murugan inaugurated the program under the chairmanship of Sri. Ramamurthy, Sholayur Panchayat President. Block Panchayat Member Sri. S. Sanoj, Gram Panchayat Member Sri. C. Ravi, Orumooppa Nanchan, Dr. Israel Thomas, RARS Professor, Shri. Nizam, Deputy Director of Agriculture, Dr. Resmi. J, Asst. Professor KVK also participated in the programme. IIHR scientists Dr. Kalaivanan Dr. Venkatakumar, Dr. Selvakumar, and Dr. Anil Kumar gave trainings to the farmers on tribal sub plan demonstrations, soil conservation development, other projects and advanced vegetable farming respectively. Around 150 farmers from Kadambara and nearby ten villages and agriculture department officials participated in the programme. Mrs. Selvi, Agriculture Officer, proposed vote of thanks. This was followed by a unique agricultural festival called Vithu Kambalam at Kadambara Panchayat.



ICAR- KVK, Pathanamthitta

Kissan samman diwas celebration and natural farming awareness programme

ICAR -Krishi Vigyan Kendra, Pathanamthitta celebrated Kissan Samman Diwas (National Farmers Day) on 23rd December 2022 to commemorate the birth anniversary of the legendary former Prime Minister Sri. Chaudhary Charan Singh. On the eve of Kissan Samman Diwas, the district level awareness program on 'Natural Farming' was also launched. The program aims to popularise the principles of natural farming among the farming community. As part of this, chain of activities such as awareness programmes, method demonstrations will be conducted at block level to popularise the concept of natural farming among the farming community. The Kissan Samman Diwas was presided over Ms. Giji P Abraham, President, Ezhumatoor Grama Panchayat and inaugurated by Mr. Unni Placheri, Vice President, Koippuram Block Panchayat. Dr. C. P. Robert, Senior Scientist and head, KVK, Pathanamthitta delivered the keynote message and Mr. Louis Mathew, Deputy Director (Credit), Department of Agriculture Development and Farmers Welfare spoke on various agricultural schemes. Mr Omanakumar, a natural farming expert conducted method demonstration on preparation of different bio inputs like beejamruth, jeevamruth and ghana jeevamruth related to natural farming. Sri. Vinod Mathew, SMS (Agronomy) and Dr. Rincy K Abraham, SMS (Horticulture) of KVK, Pathanamthitta delivered speech on Natural Farming concept.





ICAR- KVK, Ramanagara

Field day on Groundnut variety - Kadri Lepakshi

ICAR-Krishi Vigyan Kendra, Ramanagara organized field day on groundnut variety Kadri lepakshi (K-1812) during technology week celebration (12th to 17th December, 2022) at Pemmanahalli, Magadi taluk and Vargerahalli village, Kanakapura taluk in collaboration with department of agriculture, Ramanagara. ICAR-K.V.K., Ramanagara introduced this variety under front line demonstration of K.V.K. and CFLD oilseeds under NFSM programme in Ramanagara district. During this programme Dr. Dinesh M. S., Scientist (Agronomy) briefed the farmers about salient features of Kadri lepakshi and improved cultivation practices of groundnut. The K-1812 is high yielding groundnut variety which matures in 115-120 days having fully matured pods of 50-60 per plant and oil content of 48-49% in the seeds, which is very much suitable for oil extraction rather than table purpose groundnut. He also emphasized the use of micronutrients (Zinc sulphate & borax) and gypsum application for getting higher yield in groundnut. Dr. Lata R. Kulkarni, Senior scientist and Head highlighted about use of decorticator for shelling of groundnut and improved harvester in groundnut for drudgery reduction in groundnut cultivation. Mr. R ajashekhar from Kartavya Foundation informed the farmers about schemes available for micro processing units for processing of agricultural products. Mr. Manjunath and Shanandaiah shared their experiences about cultivation of Kadri Lepakshi variety and they were happy about the performance of this variety. During the programme more than 50 farmers, KSDA department and ATMA officials were participated in the programme.



ICAR- KVK, Shivamogga

Field day on Tomato

ICAR - Krishi Vigyan Kendra, Shivamogga organized the Field Day on Tomato on 16-12-2022 at Yadawala, Shivamogga Taluk. During the programme, Dr. B. C. Hanumanthaswamy, Senior Scientist and Head, KVK, Shivamogga given introductory speech and welcomed everyone. In his speech he explained the importance, significance and need of field day in tomato and its benefits to the farming community. In detail he gave the information on major pest and diseases in tomato and its effect on yield and quality. The programme was inaugurated by Dr. B. Hemla Naik, Director of Extension, KSNUAHS, Shivamogga and in his inaugural speech, he gave information on production technology of tomato and suggested the farmers to adopt integrated farming system so that they can improve their financial status by getting higher yield. He also advised the farmers to go for value addition in tomato so that they can double up their annual income. Dr. S. U. Patil, Associate Director of Extension, KSNUAHS, Shivamogga in his presidential speech, he advised the farmers to invest less cost and get more profit by adopting integrated farming system. He suggested the farmers to depend less on inorganic fertilizers /chemicals and use more of organic fertilizers/manures. He also told to apply the recommended dose of fertilizers in tomato to get higher yield and quality fruits. The chief guest of the programme Dr. Raghunath, Senior Assistant Director of Horticulture, Shivamogga, he explained in detail about the various schemes that are available for the farmers from horticultural department. He also suggested the farmers to buy certified seeds and seedlings from the horticultural department so that they can get quality seeds and seedlings. During the programme Sri. Jagdeesh Gowdru G. H., State President, Karnataka Jana Spandana Vedike and Farmer Leader, Yadawala, Miss. Smitha G. B., Scientist (Horticulture), KVK, Shivamogga, Dr. Arun Kumar, P., Scientist (Agri. Extension), KVK, Shivamogga and Dr. Pooja, G. K., SRF (ARYA), KVK, Shivamogga were also present. Totally 129 farmers benefitted from this programme.





ICAR- KVK, Thrissur

Citius, Altius, Fortius

In “Keram thingum Kerala Nadu”- the land of coconut trees, coconut climbers are a vital link in the coconut value chain. Nowadays, these tree climbers are a rarity in Kerala. This scarcity faces a threat to the consistent supply of raw nuts for the market as well as for the processing sector. This results in engaging migrant labourers unfamiliar with the art of coconut climbing, particularly tall old palms, causing a loss of income to the growers. As against the general norm of harvesting cycles of 45-60 days, farmers are currently able to harvest only once in three to four months. Thus, to address the acute shortage of trained coconut palm climbers for harvesting and plant protection activities, Krishi Vigyan Kendra took up a residential training sponsored by Coconut Development Board from 19.12.2022 to 24.12.2022. The twenty participants were healthy, underemployed youth and included six women. This is a new beginning after some years of forming a professional group of youth under the banner of “Friends of Coconut Tree” for harvesting and plant protection operations in coconut, with technical skills, entrepreneurship capacity, leadership qualities, and appropriate communication skills. The major sessions covered under the training programme were mechanized coconut climbing, coconut harvesting operations, crown cleaning, spraying and pest control, plant protection measures, identification of tender nut, mature coconut, and seed nut, developing leadership quality and communication skills, and thrift/ savings management. Yoga practice, jogging sessions, health advisory from the doctor of PHC Vellanikkara, etc., made this programme different from other training. The final day was marked with ‘Coconut Olympics,’ and the trainees fulfilled the motto “Citius Altius Fortius.” Dr. Jacob John, Director of Extension Kerala Agricultural University, distributed the certificates and climbing machines in the valedictory session.



ICAR- KVK, Thiruvananthapuram

Kisan Diwas Celebration

ICAR- KVK Mitraniketan, Trivandrum celebrated Kisan Diwas on 23rd December 2022. A kisan mela was organized at Mitraniketan City Centre, West Fort, Trivandrum in connection with the celebrations. The mela was inaugurated by Dr. Reghu Ramadas, Joint Director, Mitraniketan and presided over by Dr. Binu John Sam, Senior Scientist and Head, KVK. Felicitation address was delivered by Sri. Joshi John Mathew, Circulation Deputy Manager, Malayala Manorama. Seminar, Farmer Scientist Interface, exhibition etc were conducted in which 106 progressive farmers from across the district participated. The seminar on Vegetable cultivation in urban homesteads was organized jointly by KVK and Malayala Manorama Karshakasree, a leading agriculture magazine in the state. The seminar had different sessions on Integrated nutrient management in homestead vegetable cultivation, Integrated pest and disease management, Eco friendly disposal of bio waste in homesteads, Micro irrigation techniques, Low cost tools, equipments and machineries for small farm mechanization and Value addition of fruits and vegetables. All the participant farmers were provided a bio input kit so as to acquaint them with various bio pesticides, bio control agents and natural farming products available from KVK, which are to be used for safe to eat vegetable production in homesteads. The participant farmers were also given free subscription of Karshakasree magazine for one year. During the farmer scientist interface, the farmers discussed various problems being faced in homestead crop production and the scientists from KVK suggested remedial measures. The exhibition had the participation of NGOs, entrepreneurs, service providers, plant nurseries etc. The programme got wide publicity through print and social media and was well acclaimed by the farming community of the district.





ICAR- KVK, Tumkur-I

Celebration of National Farmers Day 2022

ICAR Krishi Vigyan Kendra, Konehalli, Tiptur celebrated National Farmers day 2022 in association with Zuari fertilizers ltd and J Farm Sollution, Tumkur at KVK, Konehalli, Tiptur on 23rd December 2022. The programme was inaugurated by Mr. Rudra Pratap Singh, State head, J farm solution and mentioned the facilities and service available under j farm solutions. Mr. Kiran Kumar, Marketing Officer, Zuari addressed the audience regarding products available under company for crop production and on the same time Zuari company launched a new product named Navashakti Microbial consortia along with farmers. Dr. V. Govinda gowda, Senior Scientist & Head, KVK, Konehalli, and Tiptur mentioned the business opportunities available under agricultural sector in his presid ential speech. On the occasion of farmers day KVK identified and felicitated 6 farmers for their achievement in different agriculture sector. Totally 102 farmers were participated in this special day and interacted with scientist



Field Day on Hebbal Avare as a intercrop in nYounger Arecanut garden

ICAR-KVK was conducted a field day was conducted on 23rd December on "Intercropping of Hebbal Avare (HA-4) in younger arecanut garden" at M.V. Halli, Turuvekere Taluk. The inputs given were Hebbal Avare seeds, rhizobium, vegetable special, neem oil and neem cake to the farmers. Intercropping of a pulse crop in a plantation crop will enrich the nutrient status of the soil and also reduces the evaporation losses and controls the weeds in Arecanut garden and also farmers can



ICAR- KVK, Tumakuru-II

International Conference on "Reimagining Rainfed Agro-ecosystems- Challenges & Opportunities (ICRA-2022)"

KVK, Scientist participated in the International Conference on "Reimagining Rainfed Agro-ecosystems- Challenges & Opportunities (ICRA-2022)" at CRIDA, Hyderabad from 22-24th December 2022 and exhibited NICRA KVK activities, products. KVK Scientists presented the research paper on "Climate resilience through inclusive water management over a decade; a successful case study of Yeleramapur Gramapanchyat, Tumakuru district."

Kisan Diwas-2022

In collaboration with Department of Agriculture " Kisan Diwas-2022" was organized at ICAR- KVK, Hirehalli on 23rd December 2022. During the occasion five innovative farmers were felicitated. Mr. Aswath, Assistant Director of Agriculture, Tumakuru highlighted the importance of Kisan Diwas and details about the various schemes for the farming community. Dr. Somasekhar, SMS-Plant breeding, KVK, Hirehalli highlighted the importance of sustainable agriculture. He also gave the information on the various activities being conducted at KVK, Hirehalli. The programme concluded with vote of thanks by Mr. Sridhar of ATMA Scheme. The programme was coordinated by Mrs. Radha R Banakar, SMS Home Science, KVK, Hirehalli, About 50 farmers, ATMA scheme staff and other KVK staff were participated.





ICAR- KVK, Udupi

Block Level Seminar on Scientific Production Technologies in Coconut

Keladi Shivappa Nayaka University of Agricultural and Horticultural Sciences, Iruvakkki, Shivamogga, Indian Council of Agricultural Research, New Delhi, Coconut Development board, Bengaluru, ICAR-Krishi Vigyan Kendra, Brahmavar, Dept of Horticulture, Udupi Kundanadu farmers producers company (Reg) organized Block level seminar on Scientific Production Technology in coconut at Kancharu-Amparu Village on 17.12.2022. Shri. A. Kran Hegde, member and ex-President, grama panchayath, Amparu, inaugurated the programme and congratulated the institution for organizing such good programme and he encouraged the gathering to make use of the programme in effective way. Shri Santhosh Kumar Shetty, Balady, President, Kundanadu Farmers producers company (Reg) Vandse Kundapura, presided over the function . In his presidential remarks, he spoke about use of adaption of Scientific methods to improve yield in agricultures. Shri Dhanashekhar, Senior Field Officer, Coconut development board, Regional officer, Bengaluru, Shri Praveen Masane, Assistant Horticulture officer, Byndoor were chief guests of the programme. Dr. Chaitanya H. S. Scientist (Horticulture), KVK, Brahmavara and Dr. Sachin. U. S, Scientist (Plant Protection), KVK, Brahmavara were resource persons of the programme. Total 59 farmers were participated in the programme.

FLD on Bio intensive Management of Shoot and Fruit Borer in Brinjal

Keladi Shivappa Nayaka University of Agricultural and Horticultural Sciences, Iruvakkki, Shivamogga, Indian Council of Agricultural Research, New Delhi, ICAR-Krishi Vigyan Kendra, Brahmavara in association with Mattugulla Farmers Producers organization Mattu organized FLD On Bio intensive Management of Shoot and Fruit Borer in Brinjal at Mattu village on 24.12.2022. Dr. Dhananjay B. Senior Scientist and Head, KVK Brahmavara, educated the famers about Scientific production of Brinjal to increase the yield of the crop. Dr. Sachin U. S, Scientist (Plant Protection) trained the farmers regarding management of Shoot & Fruit borers and other pest and diseases of brinjal Crop through bio intensive manner. Using different types, bioagets etc. Inputs for implementation of the programme were also distributed after the programme.



ICAR- KVK, Uttara Kannada

Skill Development Training Programme on Processing, Value addition and Goatery

4 Days Skill Development Training Programme was organized at ICAR-KrishiVigyan Kendra, Uttara Kannada, Sirsi on Processing, Value addition and Goat Rearing under ARYA Project (Attracting and Retaining Youth in Agriculture) from 19th to 22nd December 2022. The training programme was inaugurated by Shri. Nataraj T. H., Deputy Director, Department of Agriculture, Sirsi, told about One District One Product (ODOP) and opportunities of entrepreneurship, availability of various schemes and facilities from the line Departments and encouraged the youths to develop entrepreneurship in agriculture fields and ARYA project is one of the scheme to build entrepreneurs in Processing, Value addition and goatery. Dr. Manju M. J, Senior Scientist and Head, Krishi Vigyan Kendra, Sirsi, highlighted on importance and benefits of skill development training programme. With the help of the training and benefits of project interested participant can become entrepreneurs by practicing Food Processing and Value addition and goat rearing as successful entrepreneurship. Dr. Ranganath G. J., Scientist (Animal Science) KrishiVigyan Kendra, Sirsi, emphasized on ARYA guidelines, importance and implementation of the project. The rural youth trained comprehensively on processing, value addition and goatery and also arranged exposure visit to progressive farmers units. Total 41 Participants were attended and benefited from the programme.





ICAR- KVK, Vijayapur-I

Campaign on Save Soil

Soil nutrient loss is a major soil degradation processes threatening nutrition and is recognized as being among the most important problems at a global level for food security and sustainability all around the globe. Save soil day and its campaign "Soils: Where food begins" aims to raise awareness of the importance of maintaining healthy ecosystems and human well-being by addressing the growing challenges in soil management, increasing soil awareness and encouraging societies to improve soil health. To focus attention on the importance of healthy soil and to advocate for the sustainable management of soil resources. Since then, Save soil day has been vital to advocate for sustainable soil management resources. people use the day to inform and inspire. It reminds us to appreciate this incredible natural resource the source of our food, the anchor of ecosystems, and that's merely scratching the surface. Awareness Programme on Soil Health, on the occasion of Save soil day campaign and it was celebrated at Krishi Vigyan Kendra ,Vijayapur in collaboration with District administration, Department of Agriculture, Agriculture extension education, Sadguru Foundation, Rotary club , Siddeshwar foundation and other NGOs of Vijayapur on 05.12.2022 with organizing event like rally and campaign. During rally around 105 people gather together and marched all along the core city area by creating awareness of soil and its health. Rally represented by Honorable Shri Basavangouda R. Patil, MLA,Vijayapura and other political leader, Smt Rupa. L., Joint Director of Agriculture, Dr R.B Belli, Associate Director of Extension and Dr. Shubh S, Senior scientist and Head KVK Vijapur and staff . As campaign we have also organized training programme in colloberation with district agriculture training centre, Vijaypur. Soil scientist and experts. Mr. B C Kolhar ,trained farmers about importance of healthy soil, soil sample collection, soil testing and use of Soil Health Cards to the farmers. Smt. Geeta Bajantri, Agriculture officer, department of agriculture has explained the different schemes available to farmers to establish vericompost unit and organic inputs available under subsidy .Shri Gururaj Project Director Financial Literacy Centre, AMULYA Vijayapur promoted by Canara financial advisory trust Bengaluru has explained financial facilities available to promote the farmers to use FYM, compost and biofertilizer to improve soil health. About 45 farmers were participated in the programme.



ICAR- KVK, Vijayapur-II

Advance Production Technology of Ajwain and seed spices

Training programme on Advance Production Technology of Ajwain and seed spices under MIDH Scheme conducted at Atharga village Indi taluka on 17.12.2022 by ICAR-KVK, Indi. Dr. Prema B. Patil, Senior Scientist and Head, ICAR-KVK, Indi welcomed the dignitaries and gathering. The training programme was inaugurated by Dr. R. B Belli, Associate Director of Extension (ADE), RARS, Vijayapur. During the inaugural address, he expressed that seed spices are high income generating crops they can be cultivated in rainfed areas with minimum cost of production and farmers should try to grow new and high income generating crops other than traditional crops. Farmers should adopt multiple cropping systems for higher and sustainable earning . Smt. Suvarna Kulappa Sooli, President, Gram panchayath, Atharga, Mr. Ashokgouda Biradar, Chairman Cooperative Society, Atharga, Mr. Nagrajgouda Patil, Gram panchayth member, Atharga Mr. S K Loni, Gram panchayth member, Atharga and Mr. S D Patil, Krishi Pandit awardee and Progressive Farmer, Naad KD village participated as chief guests in the programme. Dr. A S Bagali, retired professor (Horticulture) COA, Vijayapura participated as a resource person and delivered the lecture on Advance Production Technology of Ajwain and seed spices. Mr. Siddappa, Shivalingappa Bhoosond, Progressive farmer and ajwain grower, Tikota village, Vijayapura participated as a resource person and delivered the lecture on processing, grading and marketing of Ajwain and seed spices. Dr. Heena M. S., Scientist (Horticulture) gave information on Integrated disease management in seed spices, Dr. Arjun Sulagatti, Scientist (Plant Protection) highlighted Integrated pest management in seed spices Dr. Savita B., Scientist (Soil Science) gave lecture on Importance of soil and water testing in seed spices and demonstrated method of soil sampling during training programme followed by scientist farmer discussion. Smt. Shilparani, Account Assistant extended the vote of thanks. A total of 100 farmers participated and got benefited out of this programme.





ICAR- KVK, Wayanad

Training on Production technology of VAM/Mycorrhizae

ICAR- KVK Wayanad conducted one day training programme on production technology of Mycorrhizae at Pallimukku, Kambalakkad as part of ATMA-Technology demonstration support under Kaniyambetta Krishibhavan of Panamaram block. Faculties from KVK dealt theory on Importance and applications of biofertilisers, production technology of VAM etc. Demonstrations on the productions of biofertilisers were also present. The objective of the training is to give awareness to a farmer group of 10 farmers who are beginners in the biofertilizer production with the financial assistance of Agricultural Department.



Capacity building programme on Value addition of fruits

KVK Wayanad conducted one day training and awareness programme on Value addition of fruits at FTC Vengeri, Kozhikode. There was an active participation of women group of 25. Dr. Safia N.E, Programme coordinator dealt theory and practical sessions on value added products of fruit crops. Various value added products like squash, jam, jelly, pickles were prepared and demonstrated so that they can make a livelihood by the production and sales of these products.



ICAR- KVK, Yadgir

3 days Development Programme on Prospects of Diversified Fish Culture

MPEDA, Mangalore in collaboration with ICAR-KVK, Yadgir and Mata Manikeshwari fish farmers producer company Ltd. Yadgir organised 3 days training programme on prospects of diversified fish culture. Dr. Jai Prakash Narayan R.P inaugurated the programme on 20.12.2022 and requested farmers to have integrated approach of agriculture-horticulture- animal and fish culture for doubling their income and appreciated the efforts of farmers of Yadgir for growth of fish production of the district. Dr. Kotresh Prasad Scientist (Animal Science) advised farmers to productively utilize the land and water and informed about different fish culture systems and their opportunities in Yadgir district. He also advised farmers to use cost effective feeding system to reduce the cost of culture. Mr. Puranik, Ex. Director, FPO briefed about the programme and FPO activities. Mr. Arul Raj of MPEDA thought farmers on improved varieties of fish and their scientific management for 3 days and farmers were taken for exposure visit in collaboration with department of fisheries. In valedictory function 5 progressive farmers were felicitated and Lead bank manager Mr. Narayan Naik advised farmers to utilize all government facilities and bank credits for fish culture. Dr. Sharan Bhopal reddy advised for water and soil testing regularly. Director MPEDA Prem Dev briefed about MPEDA activities 138 farmers were benefited.





Navarang darwaza, Raichur



Panchamukhi Temple, Raichur



Gulndalabandi Waterfalls



Mudgal Fort



Rajalabanda, Raichur



Sugureshwara Temple, Devasuguru



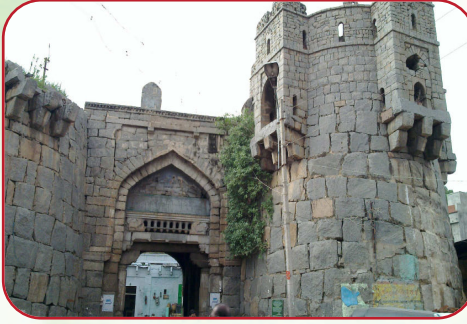
Raichur Railway Station



Panjum Betta, Raichur



Mecca Darwaza, Raichur



Kati Darwaza, Raichur



Hutti Gold Mine,



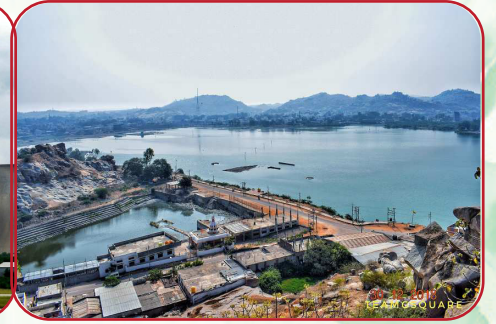
Raichur Institute of Medical Sciences



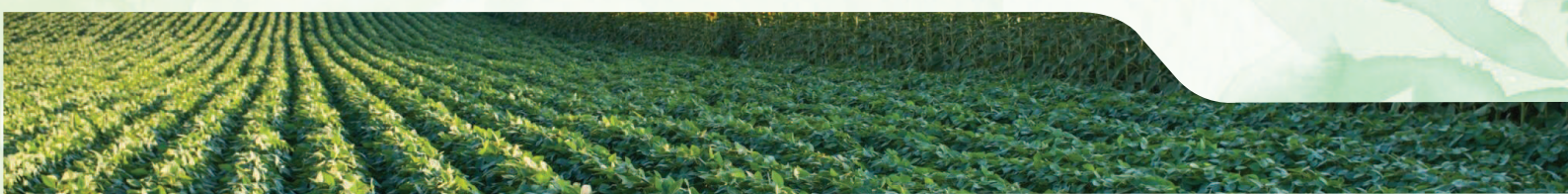
DC Office, Raichur



KPTCL, Raichur



Mavina kere, Raichur





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