

KVK Times

Fortnightly e Publication of ATARI, Bengaluru
Edited and compiled by ICAR-KVK, ICAR-CPCRI, Kasaragod

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KVKTimes

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KVKTimes is a Fortnightly e Publication that covers important activities of KVK's of zone XI

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FOREWORD

Dr. V. Venkatasubramanian
Director
ICAR-ATARI
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Natural Farming is now being projected as one of the most potential crop cultivation methods to drastically cut down production costs by reducing dependence on market for purchase of critical inputs. Even though it may not seem to be a yield enhancing farming practice, it will definitely increase farmers' income through cost reduction and long-term sustainability. Government of India is promoting Natural Farming through a scheme named BhartiyaPrakrit Krishi Padhti (BPKP) by which it will provide support to ICAR for developing KVKs as Technology supporters, centres of capacity building, training and demonstrations in the line of Natural farming. In this backdrop KVKs will have to include more of natural farming related contents in its mandatory activities henceforth.

This biweekly newsletter KVK Times works as a common platform for all the KVKs to observe each other's activities and to take up those suited for their respective ecosystems based on the felt needs of their farming community. I congratulate Dr. Manojkumar T. S., Principal Scientist and Head, ICAR KVK, Kasaragod and all the KVK staff for documenting their activities in a time bound manner and making this edition of KVK Times possible.

My best wishes to all the KVK staff to serve the farmers to your level best. I wish the publication and the whole ICAR KVK Kasaragod team a great success. My hearty congratulations and best wishes to all the KVK staff in the zone for their dedicated service to the farmers in bringing food, nutritional and livelihood security.

(V. Venkatasubramanian)

Bengaluru
13 June 2022

MESSAGE

Dr. ANITHA KARUN
DIRECTOR
ICAR-CPCRI, KASARAGOD



Socio-physio-and climatic-conditions influence farming making it vary from holding to holding. Here comes the relevance of KVKs having mandate to assess and refine technologies appropriate to a region. It also acts as a carrier of Government policies and welfare measures up to the door steps of farmers. Over a period of time, KVKs become an integrated part of the National Agricultural Research and Education System. Beyond disseminating farm technologies, the KVKs have a role to promote entrepreneurship in rural sector through capacity development programmes and hand holding new enterprises. The Tulunadu Ecogreen Farmers Producer Company Limited, FPO formed and promoted by KVK, Kasaragod as CBBO with financial support from NABARD testimonies the opportunities in rural sector for agri-business. Sharing leads in different areas achieved by different KVKs will help to improve the system performance for uniformity and inclusiveness. I appreciate the efforts of ATARI, Bangalore to bring the KVK News letter periodically and complement Dr. T. S. Manojkumar, Head, ICAR KVK, Kasaragod and other staff for compiling information pertaining to all KVKs of Zone XI and bringing out this issue of KVK Times. Best wishes to all endeavors of KVKs and ATARI.

(Anith Karun)

Kasaragod
17 June 2022

ACKNOWLEDGEMENT

Dr. Manojkumar T.S.
Principal Scientist and Head
ICAR-KVK, CPCRI, Kasaragod



I would like to express my heartfelt gratitude to Dr. Trilochan Mohapatra, Hon'ble Director General, ICAR for constantly guiding and supporting the ICAR-Krishi Vigyan Kendra, CPCRI Kasaragod for implementing the programmes of national importance in Kasaragod district for the benefit of entire farming community. I would like to express sincere thanks to Dr. A. K. Singh, Hon'ble DDG (Agricultural Extension), ICAR, New Delhi for constantly interacting and guiding the KVKs for implementing various farmer friendly programmes in the district. The KVK Kasaragod is constantly guided by the eminent leadership of respected Dr. Anitha Karun, Director, ICAR CPCRI for which I would like to express my sincere gratitude.

I would like to express my wholehearted thanks to Dr. V. Venkitasubramanian, Director, ICAR-ATARI, Bengaluru for his immense motivation and support to all KVK activities. I express my sincere gratitude to Dr. Jayasree Krishnankutty M, Director of Extension, Kerala Agricultural University for her guidance and cooperation. I also would like to sincerely thank Dr. Mallikarjun B. Hanji, nodal officer for KVK for his continuous interaction and guidance.

I would also place on record my sincere thanks to all the senior scientist and heads and staffs of KVKs of Zone XI, Bengaluru for providing the contents on various innovative activities. I would also sincerely thank Shri K. Shyama Prasad, CTO, CPCRI, Smt. Jayashree M.P., SMS, KVK Kasaragod and all KVK colleagues and for their sincere efforts in bring out the KVK Times in a time bound manner.

I would like to place on record our gratitude towards Dr. M. J. Chandre Gowda, Dr. D. V. S. Reddy, Dr. B. T. Rayudu, Dr. K. Thimmappa, Principal scientists, Dr. D.V. Kolekar, Scientist, Shri. Shaik Rukman, FAO, Shri J. Mathew, AAO for their constant support and encouragement to team KVK Kasaragod. I would like to once again thank every one wholeheartedly for their contributions in bringing out the 23rd issue of KVK Times for the period from 1-15 June 2022.

Kasaragod
17 June 2022

(Manojkumar T. S.)

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World Environ day celebrations



**ICAR-KVK,
Alapuzha,
Kerala**

Short duration cassava variety found successful to escape water logging in Kuttanad region:

Kuttanad region, where below mean sea level farming is practiced, is susceptible to water logging throughout the year especially during the monsoon months from June to November. Even upland crops are affected during this season and 6-7 months only will be available for crop production normally, other than paddy. Cultivation of cassava practised by the farmers with long duration varieties always ended up in loss and hence they gave up the crop itself. KVK-Alappuzha under the NICRA project tried to address the situation through demonstration of an early maturing

cassava variety released by ICAR-CTCRI, Thiruvananthapuram viz., Sree Jaya having duration of only six months. Sree Jaya is an early maturing cassava variety with purplish rind, white flesh and has excellent cooking quality. Cuttings were planted in December and the crop matured for harvest in May-June, before the heavy monsoon. An average yield of five kg fresh tubers per plant was recorded by ten farmer partners of the demonstration in Edathua Panchayath during 2021-22. The farmers were satisfied with the yield and quality of the tubers. This varietal demonstration has proved as a climate resilient technology to overcome crop loss and earn a definite income in the climatically vulnerable region of Kuttanad.

World Environment Day Celebrated:

ICAR-KVK—Alappuzha in collaboration with NSS Unit, MSM College, Kayamkulam organized the

World Environment Day celebrations in the college campus on 6th June 2022. Dr. K. Sajnanath, SMS, KVK gave an awareness talk on 'Good farming practices for environmental protection' highlighting the relevance of conserving natural resources through different agricultural practices. Later, the NSS Volunteers planted vegetable seedlings for a campus vegetable garden. Dr.A.Muhammad Thaha, Principal, MSM College, Prof.T.Nishad, NSS Programme Officer, Mr. Avant Sen P.S. and Ms. Nafia S. Secretaries, NSS Unit attended and addressed about 75 students who actively participated in the function.



Sree Jaya variety of cassava



**ICAR-KVK,
Bagalkote,
Karnataka**

Celebration of World Environmental Day and Petroleum Conservation Awareness Programme at KVK Bagalkote in collaboration with S. N. Medical College Bagalkote:

On the eve of World Environmental Day planting of trees was undertaken by students from S. N. Medical College Bagalkote. More than 120 students, staff of medical college, staff of KVK Bagalkote participated in the programme. On this occasion students



were made aware about different apps of weather forecasting.

Off Campus training on importance of soil, water and weather information at Kadarakoppa village was organized by KVK Bagalkote in collaboration with Deshpande foundation. Dr. S. C. Angadi, Sr. Technical Officer (Soil lab), KVK Bagalkote demonstrated soil sampling and briefed about the importance of soil and water testing. Dr. Basavaraj Naglekar, SMS (Agromet) introduced different mobile apps on weather forecasting. Sri Sunil Lamani, Agromet Observer,



staff of Deshpande foundation and 30 farmers were present on this occasion. Celebration of world Environmental

Day on 05.06.2022 at KVK Bagalkote by planting trees.



Diagnostic field visit to lime affected with wilt disease on 01.06.2022 at Tulasigeri village.



Diagnostic field visit of Guava fruits infected with fruit borer and rotting at Aladakatti cross on 11.06.2022.





**ICAR-KVK,
Ballari,
Karnataka**

ICAR-KVK, Ballari celebrated International day of action for women's health:

“International day of action for Women's health’ was celebrated by ICAR-KVK Ballari in collaboration with Ballari Business College at Ballari Institute of Technologies and Management (BITM) college auditorium on 31st May 2022. Director of BITM Shri .Prithviraj Mahipal, Director of Ballari Business College Shri. Amaraj Bhopal and other management committee members were present during the programme. Dr. Shilpa H, Scientist, Home Science, ICAR-KVK, Ballari gave lecture on ‘Women's health and Nutrition’ and Dr. Radhika Acharya a renowned Gynecologist from Dwaraka Nursing home, Ballari briefed

the students on ‘women's health and Hygiene’. A total of 700 undergraduate girl students and 20 women staff of both the colleges took part in the programme and benefitted.





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Training on millet based bakery products



Training on millet based bakery products



Training on millet based bakery products:

ICAR BIRDS Krishi Vigyan Kendra, Tukkanatti, Belagavi-1 has organized

two days training programme on millet based bakery products during 7-8th June 2022. In this training various bakery product were prepared such as different types of biscuits, cakes and nan katai, cookies etc., using different types millets like finger millet, foxtail millet, jowar, whole wheat flour, pearl millet demonstrated to the participants by Mr. Mrunal Madali,

Bekary trainer, Gyan Joyti Gramin Abhivrudhi Samsthe, Belagavi. Rekha Karabhari, Scientist (Home Science) monitored two days training program and delivered lecture on importance of incorporation of millets in Bakery products. Total 16 farm women and rural youth were participated and get benefitted through this training programme.



Celebration of World Environment Day:

“World Environment Day” was celebrated on 05 June 2022 at KVK campus in association with ICAR-KLE, Mattikopp, Sumitomo Chemicals Limited and Nunhems India Private Ltd.

The Environment Day was inaugurated by Shri Mahantesh Desai of Brahmakumari Ishwariya Vishwa Vidyalaya. During his inaugural address, he said that every human being has to live with clean mind towards creation of clean environment on the earth.

Speaking on the occasion, S.M. Warad, Scientist (Soil Science) explained that, this year’s World Environment Day is

celebrated all over the globe with the theme “ Only One Earth” and Every life on earth should live in harmony with nature to maintain balanced environment which can support our life. Earth is special because it is only the world in our solar system with liquid water on the surface. Earth atmosphere provides plenty of oxygen to breathe and balanced temperature for our life. These ideal conditions for life are not found in other planets of solar system. In this connection, we need to protect this unique environment reducing the pollution on the earth, he added.

Mr. Prashanth Subbapuramath of Nunhems India Private Ltd. said that, minimum level of chemicals should be used to protect the microorganisms to improve the soil fertility. Mr. Arunakumar of Sumitomo Chemicals Ltd., highlighted that, in order to control the pests on the crops, it is necessary to protect the ecosystem by using only lesser quantity of pesticides. As part of the programme, forest saplings were planted in the campus.

KVK Scientists G.B. Vishwanath, Praveen Yadahalli, Shankargouda Patil and students participated in the event.





Pilot training on “Use of Drone Technology in Agriculture” Distribution of Fingerlings to Idukki farmers as part of Azadi K AmritMaholsav:

ICAR- Krishi Vigyan Kendra, Bengaluru Rural District, Karnataka has conducted a pilot training on “Use of Drone Technology in Agriculture” with a sponsorship of IFFCO, Bengaluru and in collaboration with Department of Agriculture, Bengaluru from 21.05.2022 to 03.06.2022. Shri. Venkataramreddy patil, Additional Agriculture Director, Karnataka State Department of Agriculture inaugurated the programme along with other dignitaries on 21.05.2022. He emphasized that, the programme was aimed to sensitizing the farmers

to overcome problems viz., shortage of farm laborers’ and high input costs, through farm mechanization and precision agriculture. He also told that, the management of invasive pest and diseases would also become economical and easy with the help of drones.

Dr. A. P. Mallikarjuna Gowda, Senior scientist & Head, ICAR - KVK, Bengaluru Rural District was presided the programme and he elaborated that, at a time when the farming sector is facing several challenges, including labour shortage and falling incomes, the use of Unmanned Aerial Vehicles (UAVs), popularly known as drones, has come to the rescue of farmers to aid them in various activities including spraying of pesticides and nutrients. He also pointed that, this demonstration will stimulate the farming community for achieving maximum production from a limited area and solving the lack of availability of farmer laborers’. 25 farmers from different parts of

Karnataka were participated in the programme. The participants were given Hands on Training (HoT) on use of drones with the different payload capacities used for spraying pesticides and nutrients for the crops, using the multi and hyper-spectral sensors installed on the drones and data visualization.

Dr. C. Narayanaswamy, State Marketing Manager, IFFCO, Bengaluru, Smt. Vinutha, Deputy Director of Agriculture, Bengaluru (D), Smt. Sushilama, Assistant Director of Agriculture, Dept. of Agriculture, Doddaballapura (Tq.) and Shri. Chethan, IFFCO, Bangalore were present as a chief guests of the programme.





Cha-Siri programme



Inauguration of CHA SIRI FPO under technical guidance of KVK, Chamrajanagara:

A Sericulture farmers producer company (FPC) by name CHA SIRI (Chamarajanagar Sericulture) got registered on 29th January, 2022. The inaugural programme along with general body meeting of the sericulture farmers of the district was organised in collaboration with Department of Sericulture and MYKAPS, Mysore under the technical guidance of KVK, Chamarajanagara.

Sri. Azmal Pasha, Programme officer, MYKAPS, Chamarajanagara along with Assistant Directors of Department

of Sericulture Sri. Renukesh, ADS, Chamarajanagara taluk, Dr. Saritha Kumari, ADS, Yelandur taluk, Sri. Somanna, ADS, Gundlupete taluk were the chief guests present on the occasion. Newly nominated directors along with the chief director Sri. Shivaraju presided over the programme.

Dr. Chandrashekar S Kallimani, Scientist (Sericulture) of KVK, Chamarajanagara detailed about the purpose and process of genesis of Cha siri FPC. Later Sri. Azmal pasha of MYKAPS gave the information about

the role of MYRADA as resource institute (RI). Sri. Gunashekararadhya, Training officer MYKAPS along with Smt. Lakshmi, Extension officer and two Local Resource Persons (LRP) of Cha siri FPC, Mr. Gireesh and Mr. Prajwal kumar anchored and provided logistics for the conduct of the programme. A total of 156 sericulture farmers across the district actively participated. After the programme membership drive initiated. Presently 175 Sericulture farmers of the district have become the members by paying ₹ 1,100/- as share amount.



Cha-Siri programme



World environment Day:

World environment Day was organized by ICARKVK, Chikkaballapura. Dr. Papireddy, Senior Scientist and Head explained about the importance of clean and healthy environment for better life. School children were oriented about afforestation, waste management and scope of agriculture in future. Tree planting was carried as part of the programme. School teachers and students participated in the programme.





**ICAR-KVK,
Chitradurga,
Karnataka**

World Environment Day was celebrated at the premises of Government primary school, Yalaghatta village of Challakere taluk on 08-06-2022:

Dr. Kumara O., Senior Scientist and Head briefed about the purpose and importance of celebrating World Environment day. Deforestation, Industrialization and conversion of Agriculture lands have resulted in Environmental pollution, as a result of which, the air, water food and the soil have become polluted. He suggested the farmers to take up the planting of more plants in their farms in order

to overcome the harmful effects of Environmental pollution on human life and also for maintaining ecological balance. He suggested the farmers to use higher quantity of organic manures such as compost, FYM and green manures and minimize the use of chemical fertilizers.

The programme was inaugurated by planting the seedlings of Neem, Jamun etc by Mr. Santhosh Naik, ACF, Department of Social forestry, Hiriyyur and he delivered the inaugural speech and opined that in recent years population is growing at higher rate where as the area under forest cover is decreasing considerably day by day. He discussed about the purpose of celebrating the World Environment Day, he also briefed the various programmes of Department of Social

forestry and suggested the farmers to utilize the benefits of these government programmes.

Dr. Prakash Kerure, Scientist (Horticulture), KVK, welcomed



all the guests and participants, Mrs. Geetha Kumari (Programme Assistant) KVK hosted the programme and extended the vote of thanks. Mr. Babu, RFO, Challakere, Progressive farmers of Yalaghatte village Mr. Pujar Jayanna and Mr. Siriyananna and Mr. Mahesh, Vice President, Vedavathi Krishikara Sangha, Yalaghatte and the students were present in the programme.



Prajwal pratheek, Golthamajalu village bantwal Taluk - Biofloc fish culture farmer.CR2

ICAR-KVK, Dakshina Kannada, Mangaluru

On 6.06.2022, Dr. D.V. Kolekar Scientist (Agriculture Extension), ICAR ATARI Zone XI, Bengaluru & Nodal Officer of KVK, Dakshina Kannada visited the ICAR- Krishi Vigyan Kendra, Dakshina Kannada, Mangaluru and interacted with the scientists. Besides this, also visited demonstration units established at KVK Farm and suggested to take up one demonstration of each FLD at KVK Farm, so that it will be highly useful to motivate farmers towards adoption of improved practices during their visit to the farm.

Nodal Officer could also visit to the farm, where Roopchand Fish (PACU

FISH) was maintained under the Biofloc fish culture system. An innovative fish culture system established by a rural youth Mr. Prajwal Pratheek hailing from Golthamajalu village of Bantwal Taluk. Addition to this, visited to farm



Jasmin Aranha Muchur village

of Mr. Suresh Balnadu, a progressive farmer hailing from Balnadu village of Puttur taluk, who had successfully implemented FLD Programmes on ICM in Pepper and OFT on Spindle bug management in Arecanut. This farmer also produces electricity to meet his domestic requirements utilizing water resources. Nodal Officer suggested to implement integrated farming system utilizing available water resources for fish culture. He also visited vermicompost

production unit established by Mr. Prasanth, Budaluru village of Kadaba Taluk. Suggested to brand the produce for commercialisation and instructed KVK scientists to facilitate for the marketing. Senior Scientist



Vermicompost production unit

and Head, Scientists & Programme Assistant (Computer) accompanied the Nodal Officer to farmers plots, where various programmes are implemented at villages.

On 07.06.2022 Nodal officer could also visit the plot of Smti. Jasmin Aranha awardee of best farm women hailing from Muchur village of Moodabidre Taluk, where she has maintained goats, poultry, fruits plants especially Dragon fruit on commercial scale.



Dignitaries visit to ICAR-KVK, Dharwad:

Dr. Yogendra Koushik, a Progressive Organic Farmer from Ujjain, Madhya Pradesh visited ICAR-KVK, Dharwad on 08.06.2022. The contribution made in the field of organic farming



were recognized and UAS, Dharwad awarded Honorary Doctorate during 35th Convocation. On the eve of

World Environment Day planted trees. He advised the students to take agriculture as profession not as an qualification for a job.

Dr. Suresh B. Itnal, Chief Executive Officers of Zilla Panchayat, Dharwad visited ICAR-KVK, Dharwad on 09.06.2022. He interacted with Dr. Shripad H. Kulkarni, Nodal Officer (KVKs), Directorate of Extension, UAS, Dharwad, KVK staff and visited KVK instructional farm, different demonstration units of ICAR-KVK, Dharwad. Dr. Itnal also interacted with FPO members of dairy farming during training on “Scientific Dairy Farming” which was jointly organized by ICAR-KVK, Dharwad, Sahana NGO, Selco foundation, Sumitomo Chemicals, Hubballi, Deshpande Foundation,



Hubballi.

Dr. Pushplata Singh, Acting Director, TERI-Deakin Nano-biotechnology Centre (TDNBC), Gurgaon, Haryana, Mr. Deepak Kumar, Head, Commercial Division, TDNBC, Gurgaon, Mr. Ganesh Hegde, Regional Head, Zuari Agro Chemicals, Hubballi, Dr. Adarsh T.S., DGM, Agro Service and R & D, Zuari Agro Chemicals, Hubballi visited ICAR-KVK, Dharwad on 14.06.2022. They visited instructional farm, different demonstration units of KVK and interacted with the Scientists regarding soil testing, low cost hatchery unit and farm pond based integrated fish cum poultry unit. The staff of SELCO Solar Light Pvt. Ltd., Hubballi also demonstrated battery operated weeder machine in the KVK farm.





Release of publication-ICAR-KVK, Gadag

ICAR-KVK, Gadag, Karnataka

Release of Publication:

The booklet “THE JOURNEY TOWARDS SUSTAINABILITY THROUGH NICRA INTERVENTIONS” published by ICAR-KVK, Gadag was released by Dr. V.K.Singh, Director, ICAR-CRIDA, Hyderabad during Annual Review cum Action Plan Meeting of NICRA held at ICAR-ATARI, Bengaluru on 13-06-2022.

Dr. V. Venkatasubramanian, Director, ICAR-ATARI, Bengaluru Dr. JVNS Prasad, Principal Scientist and Head for TDC Component, NICRA, Dr.B.Hemla Naik, Director of Extension, UAHS, Shimogga, Dr. K. Narayanagouda, Director of Extension, University of Agricultural Sciences, Bangalore, Dr.

Jayashree Krishnan Kutti, Director of Extension, Kerala Agriculture University, and Dr. DVS Reddy, Principal Scientist and Nodal Officer for NICRA Project, ICAR-ATARI, Bengaluru were present during the occasion.

World Environment Day:

ICAR-KVK, Gadag celebrated World Environment Day on 5th June, 2022. Women Self Help Group Members



World Environment Day

under NRLM Programme were trained on waste management in the community premises. Tree planting was done at KVK Campus.

Sheep and Goat training programme:

ICAR-KVK, Gadag in collaboration with SBI-ASF-RSETI, Hulkoti organised 10 days duration training programme on Sheep and Goat



rearing from 6-15 June, 2022. Various topics viz., breeds, construction of



Sheep and Goat training

sheds, food preparation, diseases, vaccination, insurance and banking were covered along with skills. Exposure visit to successful sheep and goat entrepreneurs' unit was arranged. A total of 20 youths participated in the training programme.



Programme on World Environment Day 2022 at Cauvery college, Gonikoppal:

Dr. Saju George, Head KVK attended the world environment day programme as the chief guest, conducted by the commerce department of Cauvery College, Gonikoppal, Kodagu on 6th June 2022. The programme commenced with the planting of medicinal plants over ½-Acre of college area by the dignitaries and degree students. A pledge was taken by the students to conserve and plant more trees. In the later session, a stage programme was organised in the seminar hall where the Head KVK delivered a talk on the theme 'One Earth' designated for the world environment day. The programme was presided over the talk by the Prof. M.B Kaverappa, Pricipal Cauvery college, Gonikoppal. Prof. M.S Bharathy, Associate Professor was the Guest of

honour for the programme.

Samvada Karyakrama with ICAR-KVK subject matter specialist on Kharif Agricultural Measures for farmers:

An interview (Samvadakaryakrama) for ICAR-KVK subject matter specialist was conducted at KVK Gonikoppal by Vijayavani (Kannada) news reporter on Kharif agricultural measures for farmers on 7th June 2022. KVK Head, spoke about the various programmes planned to be held for farmers of Kodagu district during this



monsoon season. Mr. Prabhakar SMS (Horticulture) spoke about agronomic practices and fertilizer application during kharif season. Mr. Veerendra Kumar SMS (Plant protection), spoke about plant protection measures during monsoon season. Dr. Harish M.N SMS (Agrometeorology) spoke

about prevailing weather conditions and rainfall situation.

Farmers Field School on paddy conducted at Ayursuli village

The first session on Farmers Field School on paddy was conducted at Ayursuli village near Thithimati on 13th June 2022. A total of 25 tribal farmers attended the FFS programme. KVK scientist Dr. Saju George, Mr. Prabhakar B SMS (Horticulture) and Dr. Harish SMS (Agrometeorology)



were present and each delivered a talk on importance of paddy seed treatment, seed borne diseases and its importance. Later the seed treatment methodology was practically demonstrated in the field by KVK scientists. The farmers were trained on the technique of separating the chaffy seeds from healthy seeds. A detailed discussion was held regarding the existing farmers practices in paddy cultivation and how it can be improved.



**ICAR-KVK,
Kandali, Hassan,
Karnataka**

World Milk day:

ICAR-KVK, Hassan has organized the world Milk Day on 01.06.2022 at KVK-Kandali, Hassan. Dr. Shivashankar, M., Scientist (Home Science) has inaugurated the programme and during his inaugural address, he mentioned the importance of milk in day to day life of humans and also he explained the motto behind the celebration of world milk day.

Dr. Nagaraja, T., scientist (plant protection) has emphasized the nutritional qualities of milk, history of milk revolution and how Varghese Kurian (Milk Man) has strived hard to establish Amul dairy in Gujarat state.

Mrs. Veena, Manager NRML, Hassan has briefed the good management practices of dairy animals, advised the ladies to use good quality milk themselves rather sale / marketing to others and she also emphasized the formation of SHG groups in order get benefits from the government.

Dr. Preetham, scientist (Animal Science) during his technical session he emphasized the disease management in dairy animals, good practices for quality milk production and information on important breeds for higher milk production. Further, 28 farmers were participated in the programme.





World Environment Day

**ICAR-KVK,
Haveri,
Karnataka**

**World Environment Day
celebrated by KVK, Haveri
(Hanumanamatti):**

The World Environment Day was held on the premises of Government Higher Primary School, Rahuthankatti village in Rannebenur Taluk from Krishi Vigyan Kendra, Haveri (Hanumanamatti). The program was led by Dr. Ashoka P., Senior Scientist and Head of Krishi Vigyan Kendra, Haveri (Hanumanamatti). Speaking Mahatma Gandhi said that nature fulfills the needs of every man and not his greed. World Environment Day is celebrated worldwide on June

5 every year to inspire people around the world by organizing various activities for environmental awareness and conservation, including healthy environmental factors such as light, oxygen, soil, and planted trees. The United Nations established the World Environment Day on the first day of the SACROM Conference on Human Environment. As a result, discussions on human interaction and the integration of the environment took place. Two years later, the first World Environment Day was celebrated with the theme of “just one land”. Although World Environment Day has been held annually since 4, the event was initiated by the World Organization in different host nations. Continue to raise awareness about environmental impacts. ‘The only land we have is the protection of us all.’ Nature is not part of our lives. We are only part of nature.

So now that is our environment, everybody knows what is going to happen if it is not protected.

Soil scientist of Krishi Vigyan Kendra spoke later, Dr. Rajkumar G. R., each person should plant a tree for at least a year to commit to environmental protection. He said that a good environment should be created by planting trees. And a horticulture scientist of Krishi Vigyan Kendra, Haveri (Hanumanamatti) Dr. Santhosh H. M. gave us information on nutritional building in the school.

Shri. M. F. Elayagera, Head of Government Higher Primary School, Smt. V. S. Shidagnal, Assistant Teacher, and Progressive farmer Shri. Neelappa Dillappa Banakar, Shri. Guddappa Mallappa Biral, Shri Chandrappa H. Pooja, Shri. Somalingappa Pooja and the rest of the village were also present.



**ICAR-KVK,
Hirehalli,
Karnataka**

**Training cum Awareness
Programme On Protection of
Plant Varieties and Farmers Right
Act, 2001:**

The Institute Technology Management Unit (ITMU), ICAR-IIHR, Hesaraghatta, Bengaluru through ICAR- Krishi Vigyan Kendra, Hirehalli organized the Awareness Programme on “Protection of Plant Varieties and Farmers Right Act, 2001” on 18.05.2022 at Krishi Vigyan Kendra, Hirehalli to create awareness among the farmers and stakeholders.

The Programme started with welcome address by Shri. K.N. Jagadish ACTO/ SMS Agril. Extension and Programme Organizer, ICAR-KVK, Hirehalli. The Programme was inaugurated by Smt. Bhagya Satish, President,

Hirehalli Panchayat. Dr. K. Hima Bindu, Nodal Officer ITMU and Principal Scientist (Division of Flower and Medicinal Crops), ICAR-IIHR presented the keynote address and Dr. M. Pitchaimuthu, Principal Scientist (Division of Vegetable Crops), ICAR-IIHR gave introduction about the programme. Dr. Shyamala Ranganath, Prof. UAS Bengaluru, Dr. Loganandhan, N., Head, ICAR KVK, Hirehalli, Tumakuru has presided the programme. Dr. Kempegowda, Director, IDF Tumakuru, PPV& FRA Plant Genome Savoir Scout, Shri Gurudath and Shri Rajesh CEO, FPO were the other chief guests. Extension folder on “Protection of Plant Varieties and Farmers Right Act, 2001” and books titled “Jackfruit- Commercial fruit of Future” and “Our Seeds- Hand book of vegetable seed production” were released by Smt. Baghya Satish, President of Grama Panchayat.

The technical session included online presentation by Dr. Niranjana Murthy, Retd. Prof. ADR, UAS, Bengaluru

on “Provisions of PPV & FR Act 2001”, lecture on “Nine farmers rights under PPV&FRA Act 2021” by Dr. Hanumantha Gowda & Shri. J. M. Prashanth, “Application format and filling Procedure for registering the crop varieties” by Smt. Radha R. Banakarand, Mr. P. R. Ramesh, “Activities of National Innovation Foundation” (NIF) by Shri. Haradev Choudhary, Scientist D, (NIF), Govt. of India, Gujarat, “Collection and conservation of native vegetables seed” by Shri. T. Krishna Prasad, Director, Sahaja Samrudha and “Registration of farmers varieties” was given by Shri. K. N. Jagadish.

Farmers from villages exhibited different varieties of Jackfruit, Banana and Betel vine. Vote of thanks was presented by Programme Assistant, KVK, Hirehalli. 104 participants consisting of farmers, farm women, developmental department officials, NGO officials and scientists participated.



Training on Fish rearing and management practices



**ICAR-KVK,
Idukki,
Kerala**

Distribution of Fingerlings to Idukki farmers as part of Azadi K AmritMaholsav:

ICAR-KVK(BSS), Idukki from 1995 onwards works for the empowerment of farming community in Idukki district. To widen up the group dynamics among the farmers a mass range awareness training, campaigns and meetings were organized. As part of Azadi K AmritMaholsav and doubling farmers income, KVK in collaboration with the Kerala Fisheries department supplied fingerlings to the selected beneficiaries for developing entrepreneurship in selected progressive farmers field

on production and marketing of fish as well as fingerlings. As a part of this, organization of special Training Programme on Fishery farming and Distribution of Fingerlings was



Distribution of fingerlings

conducted at Senapathy Agriculture Office Community hall on 2nd June, 2022. Mr. Nithin Kumar, Agriculture Officer, Senapathy welcomed the gathering, Smt Preethu K Paul, SMS (Agricultural Extension), ICAR-KVK, Santhanpara delivered the Introductory address and explained the importance of this programme. Dr. S Jayababu,

SMS (Animal husbandry), ICAR-KVK, Santhanpara provided awareness of this Training programme on Profitable Fishery farming. Mr. Jaimon, Fishery advisor, Santhanpara delivered address on Fish rearing and management aspects. Organization of training Programme on Fishery farming and Distribution of Fingerlings was conducted at Mangathotty merchant association hall. A total of 15630 Fingerlings were distributed to the farmers of Idukki district



Distribution of fingerlings



**ICAR-KVK,
Kalaburagi - I,
Karnataka**

Advanced technologies in animal husbandry practices - Capacity development programme:

Department of Animal Husbandry and Veterinary Services, Kalaburagi has organized workshop on Advanced technologies in Animal husbandry practices to livestock farmers, rural unemployed youth and farm women at Training hall, Veterinary Hospital building, Kalaburagi under



National Livestock Mission (NLM) on 08.06.2022. The programme was inaugurated by Sri. Jagadevappa, Project Director, Zilla Panchayat, Kalaburagi highlighted on transparency in implementation of Government schemes to needy and poor people. Dr. Raju G Teggelli, Senior Scientist & Head, ICAR-KVK, Kalaburagi-I is the



chief guest of inaugural programme and focused on Indigenous Cow based integrated organic farming system, vermicompost unit and its economics.

Dr. Manjunath Patil, Scientist (Animal Science), ICAR-KVK, Kalaburagi-I is the resource person on the topic "Advanced technologies in animal husbandry practices." He explained on Growing of Fodder crops for Fodder Seed Production,

Azolla as a supplementary feed for livestock, Enslilage in Poly ethylene bags (PBS), Hydroponics, Solar



Hydroponics and Mechanisation in fodder utilization. After the training programme, an interaction session was arranged. Farmers asked series of questions on livestock diseases in rainy season and their preventive measures, gynaecological disorders of buffaloes and their treatment, tick infestation and reinfestation and veterinary department schemes and subsidies. Totally, 120 livestock farmers, rural unemployed youth and farm women were participated. Dr. Yallappa, S. Ingle, Chief veterinary officer (Technical), Deputy Director office, Department of AH & VS, Kalaburagi has said vote of thanks.



Capacity building programme to Extension Worker



**ICAR-KVK,
Kalaburagi-II,
Karnataka**

**capacity building programme on
Pink bollworm management in
Bt-Cotton:**

ICAR-KVK, Kalaburagi-II (Raddewadgi) in association with KSDA, Jewargi and Bt-Cotton Seed Producer Association organized capacity building programme on Pink bollworm management in Bt-Cotton for Agri-input dealers, Jewargi and KSDA extension functionaries on 07.06.2022 at ICAR-KVK, Kalaburagi-II (Raddewadgi). Dr. N. Manjunatha, Sr. Scientist and Head(Agronomy)

gave a lecture on improved cultivation aspects in Bt-cotton crop via., Sowing, Bt-Cotton hybrids inter cultivation, weed management, irrigation schedule, Fertilizer management, Fertigation, Fertigation schedule, Leaf reddening and clean cotton harvesting for higher market prices and productivity have been covered. Again Dr. Anusuya, Deputy Director of Agriculture KSDA, Kalaburagi delivered a lecture on integrated approaches for the management

of insect pest and diseases in Bt-Cotton. Simultaneously also interacted with Agri-input dealers of Jewargi taluka and extension functionaries KSDA, Jewargi in relation to recent burning problems in Bt-Cotton and to overcome them in feature season 2022-23. About 54 participants were witnessed the programme.



Value addition of locally available fruits

2022/6/8 13:02



**ICAR-KVK,
Kannur,
Kerala**

World milk day celebration:

Krishi Vigyan Kendra, Kannur and Dairy Development Department Jointly organised Dairy Farmer Interaction programme at Paravur Milk Co-operative society as part of World Milk Day celebrations on June 1st 2022. Classes on Prevention and management of rainy season diseases in cattle and Challenges faced by the Dairy sector were handled by Dr. Ambili John, Assistant Professor (Veterinary Science). Fifty dairy farmers participated and shared their views and problems in the programme.

Training on Rejuvenation of existing Coconut plantation:

In collaboration with the keragramam programme, a one-day training on rejuvenation of existing coconut



Rejuvenation of existing coconut plantation

plantations was conducted at Alakkode panchayath on 6th June 2022. During the training the farmers were made aware of importance of nutrients and major pest and diseases in coconut. The session on Scientific management of Coconut orchard was handled by Smt. Renisha Mannambeth, Assistant Professor (Horticulture) and a session on Integrated pest and disease management in coconut by Dr. Manju K.P., Assistant Professor (Entomology). Fifty participants attended the training programme.

Training on value addition of

locally available fruits:

KVK Kannur conducted one day training programme in collaboration with chapparapadavu krishi bhavan on 8th June 2022 on topic "Scope on Processing and value addition of locally available fruits" were value addition of locally available fruits" were handled by Smt. Elizabeth Joseph,



World milk day

Assistant Professor (Home science), KVK Kannur. Practical session on value added products of locally available Jackfruit and mangoes were explored. Thirty women farmers and ward members attended the training programme.



**ICAR-KVK,
Kasaragod,
Kerala**

Prime minister's Gareeb Kalyan Sammelan at ICAR KVK Kasaragod on 31.5.2022:

The programme was inaugurated by Dr. Anitha Karun, Director, ICAR CPCRI, Kasaragod. Dr Anitha also translated the speech of Hon. Prime minister over the webcast. Dr Saritha Hegde, Head in charge of ICAR KVK Kasaragod delivered the welcome



speech. A training programme on Mushroom cultivation was organised in connection with the event with Smt. Sindhu R. V., Asst. Professor at RARS Pilibcode as the resource person.

Success stories of ASCI Mushroom Growers Training Programme of KVK:

Smt. Radha and Smt. Sumathi shared

their experiences in the mushroom cultivation enterprise with the participants. EDP beneficiaries of KVK displayed their new product



wheat flour enriched with jack fruit seed powder during the event. The programme was concluded by 4 pm.



Frontline demonstration of nutrient fortified ridge guard hybrid Arkaprasan:

ICAR-KVK, Koppal demonstrated nutrient fortified ridge guard hybrid Arkaprasan in village halahalli. In the month of May the seeds were given to five farmers in the village and sowing has been taken up. KVK Scientist visited the farmers field during the first harvest of the crop. The demonstrated hybrid exhibited good flowering and food development. KVK scientist also visited aganwadikendra of halahalli village and introduce the farmer to aganwadi officials and informed them to purchase the ridge guard from the farmers field.





**ICAR-KVK,
Kottayam,
Kerala**

KVK Kottayam join hands with IIHR and CTCRI to promote Climate resilient agriculture practices:

In support to the efforts of agriculture community to overcome the adverse impacts of climate, KVK Kottayam initiated 2 extension activities in collaboration with the ICAR institutes-IIHR and CTCRI. IIHR Senior Scientist Dr. Shankar (Vegetable science) visited KVK and interacted with the vegetable and fruit farmers of Kottayam on 15.06.2022. Farmers were given awareness on the IIHR vegetable and fruit varieties that are specific to tide over the problems of climate, pests and diseases. Also familiarized with fruit crop varieties that are superior

in quality and suitable to the region. During the interaction with the farmers, developed an action plan for the timely supply of planting materials of vegetable and fruit varieties by IIHR. During the visit IIHR issued 3 inputs of high demand- Arka microbial consortium, banana special and vegetable special to the farmers for the management of nutrient deficiency



and disease problems in connection with the heavy rain and high water table in the region.

In another development, KVK Kottayam and CTCRI started a field trial to screen cassava varieties that can tolerate or resist tuber rot, which again a problem by excess rain and flooding. Twelve accessions of cassava were planted along with farmer variety

without any disease management practices at Marangattupally panchayat



to identify the tolerant varieties. Senior Scientist from CTCRI visited KVK and provided with sufficient inputs and know how regarding the programme.





**ICAR-KVK,
Malappuram,
Kerala**

‘SANKALP’ Programme:

Exposure visit of twenty seven women trainees from Kites - Qute Fashion Campus, Edappal to Processing unit of KVK Malappuram as part of Traditional snacks & savoury maker course in connection with ‘SANKALP’ training Programme. Skill Acquisition & Knowledge Awareness For Livelihood Promotion is a programme of the Ministry of Skill Development & Entrepreneurship. Dr.Lilia Baby

Asst. Professor, Home Science detailed about various facilities available in the processing unit.

Establishment of model spice nursery and demonstration unit at KVK Malappuram:

A model spice nursery unit was established at KVK with the financial support of State Horticulture Mission, Kerala to cater the need of planting materials requirement with respect to major spice crops cultivated in the district. The demonstration unit consist of improved varieties of black pepper (10 varieties) ginger (3 varieties) and turmeric (5 varieties) released from KAU and ICAR-IISR for Kerala conditions are maintained in the spice



garden. The farmers of Malappuram district shall be the direct beneficiaries of this project since it aims at providing high quality planting material of their choice. Moreover, unemployed youth and rural women (groups) with entrepreneurship abilities shall also be the beneficiaries since the trainings on vegetative propagation techniques, nursery management and quality planting material production enables them to initiate nursery as business in this line.



Modern Dairy and Goat farming technology:

ICAR- Krishi Vigyan Kendra, Chikkamagaluru in collaboration with Department of Animal Husbandry, Mudigere under National Livestock Mission has organized one day training programme on Modern Dairy and Goat farming technology on 07-06.2022 at KVK, Chikkamagaluru.

Dr. Krishnamurthy A.T., Senior Scientist and Head, KVK, Chikkamagaluru briefed about the present scenario cattle population is decreasing and there is ample opportunity to dairy farming and

healthy animals are closely related to healthy people and healthy environment. Therefore, comprehensive approach is needed for sustainability of livestock.

The training programme was inaugurated by Dr. Manu, Assistant Director of Veterinary, Mudigere and he explained about the vaccination schedule of livestock, clean milking procedure to avoid disease spread and departmental schemes for benefit of the farmers.

During technical session Dr. Rashmi, Veterinary Officer, Mudigere delivered the lecture on livestock health management, selection of breeds, nutrition also briefed about major diseases like Anthrax, Blue tongue and foot and mouth diseases symptoms, treatment and their management practices.

Dr. Ashok N.L., Veterinary Officer,

Mudigere explained about the selection of Breeds for meat and woollen purposes, specific vaccination schedule, common diseases of goat and sheep symptoms and their management.

Dr. Shivaprasad, M., Associate Director of Research, ZAHRS, Mudigere briefed about the Animal by products not only represents a source of quality



food and but also source of income for many small farmers in developing countries and advised the farmers to make use of training programmes and departmental schemes for welfare of the farming communities. Total 45 farmers got benefit out of it.



Milk day



Celebration of World Milk Day 2022:

ICAR JSS Krishi Vigyan Kendra celebrated 22nd World Milk Day on June 1st at Haratle Village, Nanjangud Taluk, and Mysuru District by conducting a training program on clean milk production and importance of consuming milk. During the training program Animal Scientist of the institution delivered lecture on clean milk production practices such as health management of cow



Milk Day

hygiene of milker, cleaning of utensils, environment, feeding management and etc.,. Nutritional benefits of consuming milk everyday and ICMR dietary milk recommendations per day was also appraised for creating better awareness. More than 26 dairy farmers participated in celebration program.

World Environment Day:

ICAR JSS KVK Suttur celebrated World Environment Day on 05-06-2022 with the theme of 'Only One Earth' collaboration with Rotary club Mysuru. This programme started with planting a fruit tree at KVK and then celebrated by distributing more than 500 fruit and forest trees to farmers by KVK to encourage the saving of surrounding environment. In this staff of the KVK and Rotary Mysuru along with more than 50 farmers participated.

Training on Demonstration of Biofortified Pearl millet VPMH -14 value addition:

ICAR JSS Krishi Vigyan Kendra

organised training on demonstration of Bio fortified Pearl millet VPMH-14 and value addition at Haratale, Nanjangud taluk on 1st June 2022. Mrs. Netravati Yattinamani, Scientist (Home Science) talked that millets plays important role in the management of diabetes mellitus, blood pressure and other



Pearl millet training

diseases. Millets are rich in fibre and antioxidants. Pearl millet VPMH-14 is bio fortified hybrid, rich in iron and zinc, which are blood forming nutrients and also explained about value added products from Pearl millet. Mr. J.G. Rajanna, Programme Assistant (Soil Science) explained about the soil testing and nutrient management in the crop. 30 farmers were participated. After the training Pearl millet VPMH-14 seeds were provided to the beneficiaries of the programme.



Demonstration on of poultry



Demonstration on integrated management of quick wilt in pepper:

Quick wilt in pepper is a serious issue faced by pepper farmers at Attapady and Parambikulam, tribal hamlets. Krishi Vigyan Kendra Palakkad in collaboration with Department of Agriculture and Farmers Welfare and College of Agriculture Vellanikkara conducted a skill development training for Parambikkulam black pepper growers of Pooppara hamlet on 9.06.2022. K. Babu, MLA, inaugurated the programme and K. Baby Sudha, Panchayath President presided the function. A session on the black pepper cultivation, on farm production of trichoderma enriched

cowdung and hands on training on bordeaux mixture preparation was handled by Dr. Resmi J., Assistant professor, Krishivigyan Kendra, Pattambi. A demonstration field of 50 cents is taken up for integrated management of quick wilt and are being monitored by the Kendra.



Demonstration-peppert Parambikulam

Planting festival and inauguration of frontline demonstration:

Paddy planting festival was conducted at Haritha Padashekaram Othalur, with the initiative of Krishi Vigyan Kendra Palakkad. The programme was inaugurated by Sri. M.B. Rajesh, Speaker in Othalur Haritha Padasekhara Samithi at Pattithara Panchayath. Panchayath member Sri. Husain Kakkattil presided the programme. Sri. T.P. Sebu, Panchayath

vice president; Dr. K.V. Sumiya, Programme coordinator, KVK Palakkad; Sri. Suresh Babu, President, Padasekharasamiti; Dr. K. Sreelakshmi, Dr. K.V. Arunkumar, Sri. A.V. Mohanan, and Sri. P.K. Abdul Majeed addressed the crowd. Inauguration of front line demonstration on tissue culture banana Grand Naine was done by the Hon' speaker under the front line demonstration programme.



Distribution of TC banana

Demonstration of Desi breed of Poultry at Attapady:

KVK Palakkad distributed a native breed of poultry (Thalassery poultry) to the selected scheduled tribe families at Kunnanchala Ooru of Agali Panchayath in Palakkad district of Kerala. Each family was given ten two-month-old female Thalassery chicks.



Focused Group Discussion

facts behind the significance of World Environment Day celebration 2022. The importance of Environment day is emphasized by the facts that we must



Training session



Master trainers training on jackfruit based value added products and entrepreneurship development:

KVK, Pathanamthitta organised 5 days Master Trainers Training on Jackfruit Based Value Added Products and Entrepreneurship Development from 06.06.2022 to 10.06.2022. The training was supported by the Directorate of food processing, Govt. of Meghalaya, Shillong. The training concentrated on the inclusion of Jackfruit in the traditional culinary preparations of Meghalaya and preparation of commercially viable products from jack fruit. The programme focused on topics like secondary products from Jackfruit pulp, Tender Jack processing, dehydration of Jackfruit, Machineries for Jackfruit processing and packaging, labeling and licensing. Jackfruit is found in abundance in most of the districts of Meghalaya and due to

unawareness regarding the processing methodologies, it is being largely wasted. The training was attended by twenty persons that comprised of a healthy mixture of entrepreneurs, food processing experts, experts from Hotel management institute, Meghalaya and College of community science Meghalaya. As part of the training, exposure visits to Jackfruit processing centers were also organized. The training was coordinated by Dr. Rincy K Abraham, SMS (Horticulture), KVK, Pathanamthitta.

World environment day celebration with the slogan "protect the only one earth":

World Environment Day 2022 was celebrated with the Student Police Cadre (SPC) of Sreevivekananda high school, Koipuram block at KVK campus. The World Environment Day 2022 emphasized the theme 'Only One Earth' to call for transformative changes to enable cleaner, greener and sustainable living in harmony with nature. To make this event more meaningful and in keeping with this year's theme multiple activities were organised. Awareness programme and students rally were organized with the SPC representatives for highlighting the

find solutions to the wounds inflicted on the nature due to the unbearable increase in the world population as well as non judicious use of natural resources. The solution to the existing problems to some extent is to give importance to sustainable living on par with natural environment. With an aim to create awareness on biodiversity conservation, on the occasion 1200 tree saplings were also. To create awareness among the students on such aspects,



Seminar

a seminar was organized on the topic 'Climate Change and Agriculture'. Quiz competition was also organized for the students in connection with the event.



Green Rally



World Environment Day:

ICAR- KVK, Ramanagara, celebrated “World Environment Day” - 2022 in collaboration with WIN society (NGO) with the theme “Only one earth” at Government High school, Banavasi, Kanakapura Taluk to spread awareness on protecting the environment. The day was celebrated with plantation drive by planting 300 fruit plants

around school and hostel premises. Preethu D.C, Scientist(Soil science) motivated students to keep their environment clean and free of pollution so as to live a healthy life and also briefed on Importance of conservation of natural resources to protect our biodiversity. Panchayat development officer, Mr. Raghu highlighted the various activities taken by panchayat to conserve soil, water and to increase the forest area by planting more and more plants in different villages. Mr. Rajesh, Teacher, Government high School, Banavasi briefed about the green house effect and reasons for increasing temperature, increase in sea

level also highlighted on soil, water pollution and our responsibilities to protect the only one earth. Mr. Basavaraju, Member, Gram panchayat urged to save water in village and to practice rain water harvest, promote use of bore well recharge pits, plant more plants to go for green earth. Mr. Mahadev, Member, WIN society highlighted the importance of celebration of world environment day on June 5th and supported in planting the fruit plants in school campus. On this occasion more than 100 students participated and planted various fruit plants. Planting drive was also taken at KVK campus by KVK staffs.



**ICAR-KVK,
Shivamogga,
Karnataka**

World Environment Day:

ICAR Krishi Vigyan Kendra, Shivamogga was celebrated world environment day on 5th June 2022. This programme was inaugurated by

the Dr. M. Basavaraja, Senior Scientist and Head (I/C), KVK, Shivamogga who delivered the awareness speech on “Threat to the environment due to pollutions and climate change”. The major topics covered were issue of environment pollution, advantages of forestation, drastic climatic changes, green house effect, global warming etc., 28 farmwomen’s were participated in the programme. All

the staffs of KVK were participated in planting the forest saplings in the premises of KVK, Shivamogga.





World Environment Day Celebration



Planted saplings



Celebration of World Environment Day:

ICAR-Taralabalu KVK celebrated World Environment Day in collaboration with the Viha Vanitha environment forum of Davanagere. Senior Scientist and Head Dr. Devaraja T. N. enlightened the participants on significance of environment day celebration, stated that we need to cultivate the habit of protecting the environment in every day to lead a happy and peaceful life. He addressed the problems of excess usage of plastic in spite of strict guidelines from govt and he spoke on plastic management in current life. Due to many reasons the richness of green decreasing day by day which may lead to the extinct of many flora and fauna from the ecosystem and decreasing the ground water table.

To conserve water, in city level every house can take up rain water harvesting structures. Dr. Jayadevappa G. K., SMS (Animal husbandry) gave inputs



Awareness on environment

on kitchen waste management, people have to take responsibility in disposing the kitchen waste which is generated on every day. Mr. Basavanagowda M. G., SMS(Horticulture) gave information on the terrace gardening, Dr. Surendra, a medical Doctor addressed on management of air and sound pollution. Environment Activist Dr. Shantha Bhat, S. T. Veeresh former mayor of city corporation of Davanagere and 85 interested citizens were present in the program.

Awareness program on Environment:

Senior Scientist and Head Dr. Devaraja

T. N. attended as a chief guest in the inter college essay and debate competition cum environment awareness program organized by M. M. college of education on the occasion of World Environment Day. In his inaugural speech sensitized the young minds on conservation of nature and natural resources. Prizes were distributed to the winners of the competitions. On the event, tree saplings were planted in the college



Planting of saplings

campus. Shri. M. B. Sangamesh Gowda, member central working committee, Taralabalu education institutions and Secretary Maganuru Basappa Public Trust Davanagere and Dr. Nagaraja Naik, Principal, M.M. Institute, Davanagere presented during the occasion.



ICAR- KVK TCR - Inauguration



Seminar



Farmers witnessing PMs address



**ICAR-KVK,
Thrissur,
Kerala**

Garib Kalyan Sammelan:

ICAR KrishiVigyan Kendra, Thrissur, conducted the Thrissur district level programme of “Garib Kalyan Sammelan” on 31.5.2022. The programme of Hon’ble

Prime Minister Sri Narendra Modi inaugurating the 11th instalment of ‘Prime Minister KisanSammanNidhi’ was showcased online at KrishiVigyan Kendra. Hon’ble Prime Minister also conducted online discussions with the beneficiaries of various welfare schemes. The welcome speech for the inaugural function organized for Thrissur district was given by Dr. Aneena E.R, Associate Professor, KVK Thrissur. Mrs. Pushpa Chandran, Madakkathara Grama Panchayat

Member presided over the function. Mr. K R Ravi, Ollukkara Block Panchayath President inaugurated the event. Sri. Shinoj, Madakkathara Grama Panchayat member felicitated the occasion. The farmer seminar followed the inaugural sessions was on “IPDM in major crops of Kerala.” Dr. Berin Pathrose, Krishi Vigyan award-winning entomologist of Kerala Agricultural University, handled the seminar. A kit constituting the KAU products was distributed to the farmers during the seminar.



Field Day



Popularizing NANO Urea in Paddy crop:

The new technology of Nano Urea has proved to be very successful in paddy cultivation during the second crop season. Indian Farmers Fertilizer Cooperative Ltd (IFFCO) has introduced world's first Nano Urea (liquid). Nano urea contains 4% Nano Nitrogen particles for efficient use of nitrogen. ICAR KVK, Mitraniketan, Thiruvananthapuram conducted a Front Line Demonstration at Peringamala panchayat in Vamanapuram block of Thiruvananthapuram district with Pournami variety of Paddy. Foliar spray of Nano Urea @ 2-4 ml/litre of water as top dressing at 30 & 45 days after transplanting showed promising

results compared to paddy crop with soil application of conventional urea as basal and topdressing. One bottle of just 500 ml of Nano Urea may be substituted for one bag of Urea. Dr. Binu JohnSam (Senior Scientist and Head, KVK) assured the farmers that KVK has taken initiative in demonstrating the new technology to other crops also for the benefit of the farming community. He also briefed on the demonstration. Ms. Jyothi Rachel Varghese (SMS Agronomy) explained the effectiveness in maintaining soil fertility by applying Nano urea which

easily enters through stomata and other leaf openings. Beneficiary farmers reported that it enhanced the income of farmers primarily by increasing the yield of the crop. It also would reduce transportation costs and input costs. Farmers reported a yield increase of 16.2 %. An average yield of 7.3 t/ha was observed in the demo plots. ICAR Krishi Vigyan Kendra, Mitraniketan, Vellanad, Thiruvananthapuram organized a field day in association with Peringamala Krishi Bhavan and Peringamala Padashekharan where forty participants attended.



FLD-paddy



Field day on Rambutan Fruit crop



Field day on Rambutan Fruit crop:

Keladi Shivappa Nayaka University of Agricultural & Horticultural Sciences, Shivamogga, Indian council of Agricultural Research, New Delhi, ICAR-Krishi Vigyan Kendra, Brahmavar, Department of Horticulture, Udupi and Kamakshi Farm, Kedooru has organized Field day on Rambutan Fruit crop at Kamakshi Farm, Kedooru on 13.06.2022.

Dr. Lakshmana, Associate Director of

Research, ZAHRS, Brahmavar was the chief guest of the programme spoke about importance of Rambutan fruit, Nutritional qualities its role in health improvement and also he guided the farmer regarding crop production technologies.

Shri. Ramesh Nayak, Progressive farmer and owner of Kamakshi Farm, who has grown different native and exotic crops suitable for coastal climate in his 13 acres of land, shared his experience in farming of different crops especially Rambutan.

Shri. Inna Chandrakanth Rao, Progressive farmer, Shri Kempegowda, JDA, Udupi, Shri Nidheesh Holla, ADH, Udupi, Dr. Sudhir Kamath K. V., Principal, Agriculture, Diploma College, Brahmavar, Dr. B. Dhananjaya,

SS&H, KVK Brahmavar were chaired the programme as chief guests.

After the programme all the participants visited the farm and gathered first hand information. Dr. Chaitanya H S, Scientist (Horticulture), organized the programme. Dr. Sachin U S, Scientist (Plant Protection) co-ordinated the programme. Total 116 farmers, farm women and Youth were participated in the programme.



Field day on Rambutan Fruit



ICAR-KVK, Uttara Kannada, Sirsi celebrated World Environment day 2022

ICAR-KVK, Uttara Kannada, Sirsi celebrated World Environment Day on 5th June, 2022 by planting of Mahogany saplings at KVK premises

with the theme of Only One Earth. The planting programme was inaugurated by Dr. R. B Negalur, Sr. Scientist and Head, ICAR-Krishi Vigyan Kendra, Sirsi and scientists and supporting staff of KVK were also participated in the planting programme



Field visit by KVK scientists to Pomegranate farmers field:

KVK scientists visited the farm of Shri. Shanmukh siddappa Ganti, aged 29 years, is a progressive farmer residing at Atharga village, Indi taluk, Vijayapur district. He and his brother owns 13 acres of land out of which 08 is rainfed and 05 is irrigated. He grows pigeonpea, sorghum, onion, Pomegranate, banana and lime. There are also agro-forestry trees such as neem, tamarind, amla and Hebbevu all along the farm and around big farm pond. He is also having a

tractor for farm operation and along with that he is having his own farm implements for agricultural operation. From horticulture component, he is earning 20 lakhs per year and agriculture component, he is earning 10 lakhs per year. Overall income per year of the farmer is 20-25 lakhs. Many

dignitaries, students and farmers visit his field. Being a progressive farmer, he has not gone in search of a job but has adopted advanced technologies that he has learnt in improving his own farm. He has become a role model for the farmers surrounding his village.





**ICAR-KVK,
Vijayapura - II,
Karnataka**

Training on women empowerment through animal husbandry activities:

ICAR Krishi Vigyan Kendra, Vijayapura-II(Indi) organized on campus training programme on empowerment of women through animal husbandry activities in coloration with SKDRDB, Indi on 12.06.2022. During the programme Dr. Santosh Shinde, Scientist (Animal Science) delivered a lecture on role of animal husbandry activities like dairy farming, goatary farming and poultry farming in empowering the rural womens and also suggested to take

over these activities in a small scale to get the regular income. Dr. Savita



Scientist (Soil Science), KVK, Indi also present during the programme. In this training programme around 50 farm womens participated and benefitted.

Encouraging FPO officials for the better development of NEELAGANGA FPO at Almel (Tq: Sindagi):

On 15.06.2022 scientist from ICAR Krishi Vigyan Kendra, Vijayapura-II(Indi) namely Dr. Kushal Scientist (Horticulture) and Dr. Arjun Sulagitti Scientist (Plant Protection) participated in the training programme

organized to the FPO directors and members (80 participants) and trained about special practices followed in



Horticulture and specific control measures for the major disease and pests of chilli, onion, grape and pomegranate. Further, suggested



to involve in the organic method of cultivation by using bio agents and micro organisms.



Exhibition stall of KVK Wayanad at Kalpetta in convergence with LEAD Bank



ICAR-KVK Wayanad – Ambalavayal Village Adoption Programme in association with Ambalavayal Grama Panchayath:

KVK Wayanad, distributed 1200, two month old chicks (Gramasree) to the farm families under Ambalavayal Village Adoption Programme. The programme was conducted at panchayath office premises, Ambalavayal. Dr. Safia N.E, Programme Coordinator, KVK welcomed the gathering. Smt.

Hafsath C.F, President inaugurated the distribution of chicks to the farm families. The programme was chaired



Training on poultry rearing

by Sri. K. Shameer, Gramapanchayat Vice President and Dr. Chinchu, Assistant Professor, Communication centre, Mannuthy.

Followed by the distribution of layer hens, Dr. Deepa Surendran, SMS, Animal Husbandry conducted a seminar on rearing of layer hens.

ICAR-KVK Wayanad organised exhibition cum seminar in convergence with Canara bank at Kalpetta:



Distribution of chicks to farm families

KVK Wayanad conducted one day exhibition at Kalpetta in convergence with LEAD Bank “Loan Outreach programme”. Farmers from different regions of Wayanad explored the exhibition. Seminar on use and application of organic preparation was also conducted.



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**ICAR-KVK,
Yadagiri,
Karnataka**

briefed about integrated pest & diseases management in Pomegranate. The trainers got benefited with the training. Nearly 85 pomegranate growers were present in the training programme and successfully completed.

Training Programme on Recent Advances in Pomegranate Cultivation in collaboration with Valagro Bioscience Pvt Ltd:

ICAR-KVK, Yadgir organized training programme on Recent Advances in Pomegranate Cultivation in collaboration with Valagro Bioscience Pvt Ltd on 14.06.2022. The Programme was Inaugurated by Dr. VaniShri (Home Science), Head of AEE Unit, Lingasugur. Senior Scientist and Head Dr. JaiPrakash Narayan R.P, of ICAR-KVK, Yadgir briefed about the production technology in Pomegranate crops. Mr. Guru Prasad (Pathology) of ICAR-KVK, Yadgir





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