



KVK TIMES

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ICAR – Agricultural Technology Application Research Institute
Zone – XI, Bengaluru
University of Agricultural Sciences, Bangalore



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ACKNOWLEDGMENT


I feel prerogative and glad to compile and edit the sixth issue of 'KVK TIMES' as this include the immense achievements of KVK's of Zone XI. I profusely thank, ATARI, Bengaluru for giving us this unique opportunity. I acknowledge with honesty, the constant heartening encouragement and patronage we receive from our Honorable Vice Chancellor, Dr. S. Rajendra Prasad UAS(B) in carrying out our KVK activities and his constant motivation to serve the farming community to the best of our abilities.

I am frightfully indebted to our beloved Director of Extension, UAS, Bangalore Dr. N. Devakumar for his gentle and even – tempered nature which inspires us to effectuate our responsibilities with excellence.

I pay my deep sense of gratitude, the zeal and perturb showed at each stage of compilation of this issue by Dr. V. Venkatasubramanian, Director, ICAR-ATARI, Bengaluru which made us to bring out this issue with expedite.

I sincerely acknowledge, the Zone XI KVK menage in sharing noble achievements which shows their hand in hand support to one another.

At last, I thank wholeheartedly my entire team of KVK, Bangalore Rural for their constant support and valuable suggestions to make this issue come out with emanate. My special thanks to Dr. Chaitra G for timely design and compiling of e – newsletter elegantly.


(A. P. Mallikarjuna Gowda)



Dr. S. Rajendra Prasad
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MESSAGE

Krishi Vigyan Kendra's of ICAR at district level are envisioned to play a key role in transfer of agricultural technologies among the farming community and working as a vital link between research and extension systems in the district. It is known KVK's are striving hard to enrich socio-economic status of the farmers by conducting various programmes which are highly commendable and should be recorded for future. The utmost need is to have the information about the activities of all the KVK's at one place and requires updating timely.

With an aim to achieve this, the idea of bringing a fortnightly e-newsletter in the name of "KVK Times" by ATARI Zone – XI is much appreciated, which needs to be documented and made known to everyone. With this, we are not only documenting activities but we can make each and every KVK to exchange the ideas in the way of doing things and motivates one another for working in coordination. In this regard my best wishes are with KVK Bengaluru Rural District which has got its name for adopting IFS Model, empowered 20 Commodity Based Associations and 4 Farmers Producers Organizations apart from bestowed with Zonal and National Best KVK Award. I congratulate ICAR-KVK, Bengaluru Rural in bringing out this valuable document during second fortnight of September, 2021.

I wish all the KVK's, Directorate of Extension and ATARI Zone XI to work in a cooperative manner in achieving this creative initiative in order to have a better action plan in the future.

(S. Rajendra Prasad)



Dr. N. Devakumar

Director of Extension,

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Prelude

Scientific transformation of agriculture is an important pre requisite of rural development which has come a long way in India from Independence to till now, where several organized efforts have been made to disseminate the agricultural technologies to the farming community. Among all, contribution of Farm Science Centre's are much appreciated as these being pillars of frontline extension and a supportive system of ground level extension playing role in reaching the unreached farmers interms of technology dissemination, conducting trainings and as a farm advisory institutions.

Though Krishi Vigyan Kendras works on the principle of "Seeing is Believing", there is a lack of documentation of their activities representing their milestone achievements; this, necessitated the need of a ready reckoner consisting of achievements of all the KVK's periodically so that each one of us can be updated timely.

I hope KVK Times will become a appropriate platform for all the KVK's to know each other in a better way and also helps in recognize the achievements of one another.

With this, I appreciate the efforts of the Senior Scientist & Head of ICAR-KVK, Bengaluru Rural District and his team in bringing out fortnightly e-news letter during second fortnight of September, 2021.

I wish them for future endeavors.


(N. DEVAKUMAR)



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

Foreward

Krishi Vigyan Kendras are evolving as the future gross root level institutions for empowering the farming community. They have made dent and has become part of decentralized planning and implementation instrument to achieve desired level of growth in agriculture and allied sectors.

It gives me immense pleasure to share the news of Krishi Vigyan Kendra, Bengaluru Rural District being celebrated its Foot prints of Fifteen years during March, 2021. It is also worth to mention that, it has bagged the most coveted Zonal Best KVK award during 2012-13 and the National Best KVK award during 2014-15.

I acknowledged the support rendered by Dr. S. Rajendra Prasad, Vice Chancellor and Dr. N. Devakumar, Director of Extension, UAS, Bangalore to KVK's for their effective service to the farming community.

I prize the attempts of Dr. A.P. Mallikarjuna Gowda, Senior Scientist & Head, ICAR - Krishi Vigyan

(V. Venbkatasubramanian)

1. ICAR -KVK, Bengaluru Rural

Celebration of Poshanvatika Maha Abhiyan and tree plantation

The inauguration programme of Curtain Raiser of International Year of Millets 2023 by Shri Narendra Singh Tomar, Hon,ble Union Minister of A&FW on 17.09.2021 was live streamed at KVK, Hadonahalli, Doddaballapur, Bengaluru Rural District in collaboration with IFFCO, Bengaluru.

Sri H. Appayyanna, ZP Member, participated as Chief Guest and highlighted the importance of Nutri millets. Dr. A.P. Mallikarjuna Gowda, Senior Scientist & Head, KVK briefed about the importance of celebration of Poshan vatika maha abhiyan and tree plantation programme, role of nutri millets and fruits in human health.

Scientists delivered a Lecture on nutri-cereals and their role on human health, role of plantation on sustainable agriculture and rural livelihood and organized Method demonstration on preparation of value addition of nutri millets for farm women and also distributed millets snacks, seed kit, nano urea and fruit plants to participants. Staff of KVK, Students and teachers of Govt. Higher Primary School of Hadonahalli, farmers and farm women were participated. During this event, planted 115 Jack plants and minor fruit plants at KVK farm and farmers' field.



Training Programmes under ARYA project



Organized three six days skill development trainings on “Bee keeping, Vermicomposting and improved agronomic practices and mechanization in coconut crop” under ARYA project to Rural youths at KVK, Bengaluru Rural District in the month of September 2021.

In Bee Keeping skill training programme, Scientists explained about the Importance of honey bees, Diseases of honeybee, Management of bee colony and it's role in pollination, Production of Honey and Market linkage was given to the trainees. Hands on training on examining bee box, transformation of colony, management of bee hive, harvesting and extraction was given to the trainees.



12 technical session were held during the training on different composting methods, preparation of solid waste, rearing of worms and use of vermi compost to various pur-

poses. Under Vermicompost skill training, hands on training was given on vermicomposting and other different compost methods.



During Coconut climbing training programme, Scientists explained about the Coconut Production technology, Planting, Insect and Disease management and Nutrient management etc. Hands on training was given on Coconut climbing, crown cleaning and disease management and trainees practiced skills of coconut tree climbing by using coconut climbing machine.

60 Rural youths were benefited from the training programmes. The required implements and equipments were provided to all trainees to make them entrepreneurs.

2. ICAR -KVK, Alappuzha

Campaign on Nutri Garden and Tree Plantation

ICAR-KVK-Alappuzha organized the 'Campaign on Nutri Garden and Tree Plantation' as part of the nationwide celebration on 'Azadi ka Amrut Mahotsav' and curtain raiser to the 'International Year of Millets – 2023' on 17th September, 21 following COVID protocols. As part of the celebrations, tree planting was done in the KVK campus in the presence of about 15 farmers. Address of the Hon. Union Minister for

Agriculture and Farmers' Welfare, Sri. Narendra Singh Tomar to the farmers on the occasion was webcasted at the KVK training hall in which staff members and farmers attended.



Marking the occasion, tree saplings and vegetable seeds were distributed to selected farmers in Puliur and Mulakkuzha panchayaths of Chengannur block to initiate demonstrations on nutri-gardens at homesteads. At Puliur Grama Panchayath community hall, Sri. M. G. Sreekumar, President inaugurated the distribution of seeds and planting materials. Seven members of Grama Panchayath, staff of PuliurKrishibhavan and 16 farmers attended the programme. At Mulakkuzha Krishibhavan, Smt. Remya Mohan, Vice President, Grama Panchayath inaugurated the distribution in which two members of the Panchayath, staff of Mulakkuzha Krishibhavan and 18 farmers attended. Seeds of Amaranthus, bhindi, cowpea, chilly, brinjal, cucumber, pumpkin, ash gourd, bitter gourd, seedlings of Malayan rose apple and curry leaf, and Micro nutrient mix Vegetable Sampoorana were distributed to the farmers. IFFCO representative Sri.Sachin Satheesh also attended the meetings. Sri. M.S. Rajeev and Mrs. Jissy George, SMSs of the KVK handled sessions on 'Establishment of nu-

tri-garden in homesteads’ and ‘Importance of millets in human nutrition’, respectively in both the meetings.



3. ICAR -KVK, Bagalkot

Root grub and Fall armyworm management awareness campaign

Krishi vigyan Kendra, Bagalkote in collaboration with Department of Agriculture, Bilagi organized the Rootgrub management in sugarcane and fall armyworm management in maize awareness campaign in Anagawadi village of Bagalkote. Dr. Arjun Sulagitti, Scientist (Ag. Entomology) gave information on life cycle, Symptoms of damage and precautionary measures to overcome the root grub and fall armyworm menace in sugarcane and maize. Shri. Siddappa Angadi, Sr. Technical officer, Soil Science, explained about the importance of soil health management in agriculture and soil and water sample collection and problematic soil management etc. After the scientific session, various queries from the farmers were addressed by experts of KVK, during the awareness programme. Department of agriculture, Bilagi ADA, Shri. S. Halloli and team, Gram panchayata Angawadi members, KVK staffs and more than 200

farmers of Angawadi and surrounding village farmers registered for this programme and were benefitted.



4. ICAR -KVK, Ballari

Ballari farmers also get their first training on BaKaHu

Hospet, Kampli and Kamalapur region of Ballari district are famous for banana cultivation. Sugandhi, Yelakki and Sakkare bale are the major varieties grown in an area of 3161 hectares with an annual production of 59596 M.tons. Yelakki and Sakkare bale get decent farm gate price whereas Sugandhi is fetching very less price in local market. Due to its hardy nature farmers prefer to grow Sugandhi even though they get lower price for it. First lockdown in the year 2020 was hard on part of these farmers. Bananas were fed to animals and composted since there was no other option to sell their produce because of lockdown. Realizing the need of the banana growing farmers, Entrepreneurship Development Programme (EDP) on banana value addition was planned by ICAR-KVK,



As a part of EDP, capacity building and hands on training on Raw Banana Powder (BaKaHu) making was initiated on 16.09.2021 at Krishnapura village near Hampi in Hospet Taluk. The programme was collaborated with SMEC, Hospet and was held at progressive farmer, Shri. Panisai's banana farm. During the programme a book on 'BaKaHu movement' in Kannada penned by famous Agri-journalist and editor of "Adike Patrike" Sri. Shri- Padre was released by Dr. Ramesh B. K., Senior Scientist and Head, ICAR-KVK, Ballari. He also addressed the gathering on importance of value addition to banana and avenues for marketing the value-added products. First copy of BaKaHu book was presented to Shri. Kalidasa, progressive farmer of Bukkasagara village of Hampi region.

tion to farm women and also exhibited many dishes of Balekayihudimade out BaKaHu to encourage the banana growers to go for value addition.

5. ICAR -KVK, Chamrajnagara

Capacity building programme under SCSP project

ICAR KVK, Chamarajanagara organized capacity building programme under SCSP project on 01.09.2021. During this occasion, fruit saplings and vegetables seed kits were distributed to farmer of Doddatuppuru village, Gundlupet taluk. The programme was chaired by Dr. Chandrakala Hanagi, Senior Scientist and Head, addressed the participants about purpose and usefulness of the project, importance of dry-land horticulture to cope up the impact of climate change and importance of vegetables in nutrition security of the rural farmers.



Dr. Shilpa H., Scientist (Home Science) gave hands-on training on BaKaHu and BaKaSha (Bale KayiShavige) prepara-



Mr. Abhishek. P.S, Scientist (Agril. Extension), ICAR KVK,

Chamarajanagara, informed about the facilities available and role of the ICAR KVK, Chamarajanagarain upliftment of the SC farmers of selected area in the district.

6. ICAR -KVK, Chitradurga

Poshan Mah and Tree Plantation Campaign

Poshan Mah and Tree plantation Campaign event on the eve of International Year of Millets 2023 was conducted at ICAR-KVK Chitradurga on 17-09-2021. The programme was inaugurated by Shri. K. Nagarajappa, Hon'ble Member, Board of management, Keladi Shivappa Nayaka University of Agricultural and Horticultural Sciences, Shivamogga. In his inaugural speech he stressed on importance of millets on human health. He advised farmers to consume millets based products to improve health especially in pregnant women and children.



Dr. S. Onkarappa, Senior Scientist and Head, KVK Chitradurga briefed about the importance of the programme. Dr. Prakash Kerure, Scientist (Horticulture) gave lecture on nutri garden and highlighted the nutritional value of different vegetables which can be grown in kitchen garden. Dr. Rudragouda F. C.,

Scientist (Agronomy) briefed on importance of nutri cereals on human health. Seedlings and Seed kit were distributed to the 186 farms and farm women participated in the programme. Dr. Sharanappa Jagandi, Associate Director of Research, ZAHRS, Babbur Farm, Hiriyurand Grama Panchayat members were present as chief guest in the programme. Dr. K. Manjappa, Dean, college of Horticulture, Hiriyur presided as president in the programme.



7. ICAR -KVK, Dakshina Kannada

Awareness Programme on Energy Efficient Pumpsets and Water Conservation

ICAR-Krishi Vigyan Kendra, Mangaluru, (Dakshina Kannada) organized awareness programme on “Energy Efficient Pumpsets and Water Conservation” sponsored by Karnataka Renewable Energy Development Limited, Bengaluru for the farmers of Dakshina Kannada District on 16-09-2021. The objectives of the programme was to create awareness among farmers on merits of energy efficient pumps over traditional pumps in agriculture, Disseminate information on best operating practices for energy efficiency & water

conservation in agriculture. A booklet entitled “Indhana Ulitaya Mattu Neeru Samrakshana Kramagalu” developed in regional language containing technical information about the method of Energy and Water conservation was released by chief guest and provided to all the participant farmers.

In this programme, Dr. T. J. Ramsha, Senior Scientist and Head urged the farmers to adopt energy efficient solar based pumps for reducing the dependency on electricity as well as to enhance the water output and also suggested to save water through adopting different conservation techniques to overcome water scarcity problem during summer season for higher production and economic returns. Mr. Dinesh, Technical officer, KREDL, Bengaluru covered aspects such as the utilization of natural energy sources like solar, wind and hydraulic energy. Dr. Vinod V. R, Associate Professor, Dept. of Agril. Engineering, ZAHRS, Brahmavar appealed the participants that the soil and water are the two important natural resources and has to be conserved for future generation to rely upon agriculture for sustainable livelihood. He also covered various aspects such as types of soil, erosion and its impact on soil health status and control measures, water conservation techniques and integrated watershed approach.

Mr. Sumanth Bhat, Representative of Bharathiya Vikas Trust, Manipal, highlighted about different types of solar equipments that are suitable for livelihood of rural people at village level where instant shortage of

electricity supply is prevalent. Also film show on solar operated equipments for pottery, blacksmith, flourmills, roti making, tailoring, sugar cane juice extractor, cold storage, milking machine, rope making, rice huller and polisher, grinder and solar water pumps. A total of 44 farmers were participated in the programme.



8. ICAR -KVK, Davanagere

Commercial Launch of BaKaHu

ICAR-Taralabalu Krishi Vigyan Kendra, Davanagere has initiated commercial launch of Banana Powder Marketing (Popularly Known as BaKaHu) through Krishi Vigyan Kendra guided Sri Banashankari Self Help Group, Nittur, Harihara taluk on 17-09-2021. The SHG leader and progressive farm women Smt. Saroja Patil explained the process of preparation of BaKaHu. In the first instance itself 20 kg BakaHu in the Krishi Vigyan Kendra premises and planned to link retail shops, Hotels and Bakeries for sales and processed products. The main objective of this initiative is to address banana growers problem of glut in the market. In this situation, preparation of BaKaHu comes handy. The other aspect in consumers point of view where in they will be get-

ting processed nutritive food items.



9. ICAR -KVK, Dharwad

Field day on Soybean Var. DSb-34



Soybean is an annual legume of the pea family and provides vegetable protein for millions of people. ICAR-Krishi Vigyan Kendra, Dharwad conducted the field day on Soybean variety DSb-34 under Front-line Demonstration, in the field of Shri Yallappa R. Korakoppa from Pudakalakatti village of Dharwad taluk on 25.09.2021. Dr. S. A. Biradar, Senior Scientist and Head, ICAR-KVK, Dharwad and Chief Guest of the function asked the farmers to adopt integrated farming system and subsidiary activities to have sus-

tainable income. Dr. Prasanna Kumar B. H., Scientist (Agronomy) briefed the special features of Soybean variety DSb-34 which matures between 90-95 days, non-shattering, resistant to rust disease and suitable for mechanical harvesting. He also provided the information about agronomical practices of soybean crop. Dr. Channakeshava R., Scientist (Ag. Entomology), AICRP on Soybean, UAS, Dharwad delivered lecture on pest and disease management in soybean. Shri Madiwalappa M. Tegur, President, Gram Panchayat, Pudakalakatti presided over the function and expressed the appreciation to the University and KVK for providing the newly released and high yielding soybean seeds to the farmers for popularization. Dr. Geeta S. Tamgale, Scientist (Home Science), Dr. Akkamahadevi D. Agasimani, Scientist (Horticulture), Smt. Kalavathi K. Kambali, Scientist (Plant Protection) of ICAR-KVK, Dharwad participated and interacted with farmers. About 46 Soybean growers along with Members of Gram Panchayat from Pudakalakatti village participated in the field day.

10. ICAR -KVK, Ernakulam

Poshan Mah-2021

As part of the Poshan Mah-2021 celebrations, the KVK Ernakulam has organized two campaigns in the district. The Poshanvatikamaha abhiyan & Tree plantation programme was conducted in collaboration with Indian Farmers fertilizer Cooperative (IFFCO) on 17th September 2021 at Block Panchayath

office, North Paravur and a webinar on Homestead nutrition gardens to fight malnutrition in collaboration with Department of clinical nutrition, Amritha Institute of Health Sciences (AIHS), Kochi on 18.09.2021.



The Poshan vatika maha abhiyan was conducted to mark the importance of Nutrition, nutrition garden and planting trees in homesteads. Adolescent girls were special invitees. The Block development officer (North Paravur) Smt. V. M. Laila welcomed the august gathering and North paravur Block standing committee chairperson Smt. Babitha Dileep Kumar presided over. Inauguration and supply of planting materials were done by Block panchayath president Smt. Simna Santhosh. The session on Management of nutrigarden in homesteads was conducted by Shri. Shoji Joy Edison, Subject Matter Specialist (Horticulture) and session on Importance of millets in human diet was conducted by Smt. Sreeletha P, Subject Matter Specialist (Home science). An exhibition on millet varieties was also conducted commemorating the international year of millets. The exhibition created curiosity and interest among the participants. Millet based preparations were also provided to the participat girls

and farmers. Tree plantation has been done with 250 Numbers of mangroves in the KVK campus on the same day.

The webinar covered two topics, viz., The ill effects of pesticides on nutritional outcome by Smt. Sreelakshmi S, Asst. Professor, Department of clinical nutrition, AIHS and Management of nutrition garden in homesteads by Shri. Shoji Joy Edison, Subject Matter Specialist (Horticulture) of KVK Ernakulam. Students, faculty members and farmers participated.

11. ICAR -KVK, Gadag

Curtain raiser event on celebration of International Year of Millets – 2023



As a curtain raiser for celebration of International Year of Millets-2023, a National Campaign on Poshan Abhiyan and Tree Plantation was held on 17-09-2021. Mrs. Deepa Kamath, Dietician delivered lecture on balanced nutrition for women and children and importance of millet nutrition. KVK Scientists briefed the gathering on role of plantation on sustainable agriculture and rural livelihood. 150 vegetable seed packets and 110 seedlings were sup-

plied to farmers, farm women and school girls for establishment of nutrition garden. Millet food was served on the occasion. About 238 farmers, farm women and school girls participated in the programme.



by ensuring fair market price for the millets.



Dr. Rajegowda, senior scientist and head, KVK, Hassan has chaired the programme and during his presidential remarks he mentioned the importance of balanced food in providing nutrients to the human body and for this everyone should cultivate nutrigardens in their home so that they can eat fresh vegetables in their daily diet. Dr. M. Shivashankar, Scientist (Home science) KVK, Hassan during his introductory remarks, he mentioned the objective of this campaign and asked the gathering to spread the knowledge gained in this programme to other family members so that the everyone will understand the importance of the balanced food in their diet. The programme was anchored by Dr. Nagaraja, T., Scientist (Plant Protection), KVK, Hassan and Dr. Sanketh, C.V., Scientist (Agricultural Extension), KVK, Hassan, Mr. Manjappa, Mr. Ramachandra, Mrs. Divya, teachers and 70 girls' students of Yagachi school, Kandali Hassan, 30 farmers and farmwomen were participated in the programme.



12. ICAR -KVK, Hassan

Campaign on Nutri-garden and Tree Plantation

ICAR-KVK, Hassan conducted the Campaign on Nutri-garden and Tree Plantation on the eve of International Year of Millets-2023 on 17/09/2021 at KVK, Kandali, Hassan. Mr. Deelipkumar, CDPO, women and child welfare department, Hassan has inaugurated the programme and in his inaugural speech he said that 12.20 per cent of women, 6.20 per cent of children and total 30.20 per cent of people were under malnutrition in the Karnataka state and he also mentioned the importance of nutri-garden to reduce malnutrition among the family members. Mr. Krishnaegowda, President, Krishika Samaja Hassan, mentioned the importance of millets in maintaining people health and he asked the famers to grow millets in larger scale and also he requested the line department officials to encourage farmers to grow millets

13. ICAR -KVK, Haveri

Mushroom Cultivation

There is a wide scope for mushroom cultivation in Haveri district since there are no commercial mushroom farming units in and around Haveri district. Hence to encourage farmers for mushroom cultivation during this CARONA pandemic, KVK-Haveri conducted a one day on-campus Paid-Training programme to rural youths and women.



The Lead-Bank manager of Haveri district Shri. Prabhudev participated as chief guest and addressed the participants along with his experiences w.r.t. mushroom and banking issues. Dr. Ashok, P., Senior Scientist and Head of KVK-Haveri chaired the programme. Dr. Santhosha H.M., Scientist (Horticulture) and Dr. Rajakumar G R, Scientist (Soil Science) taught about mushroom farming, marketing and processing aspects.

Afterwards Shri Akarsh and Mrs.Hulihalli, mushroom farmers from Ranebennur shared their experience in mushroom cultivation. At the end certificates have been distributed to all the participants.

14. ICAR -KVK, Idukki

Seed village programme on tuber crops under RKVY Scheme

ICAR- Krishi Vigyan Kendra (BSS), Idukki, ICAR-Central Tuber Crops Research Institute, Sreekaryam, Thiruvananthapuram and selected Krishi Bhavans of Idukki District in association launches seed village programme in three Panchayats viz., Chinnakanal, Santhanpara and Senapathy under Rashtriya Krishi Vikas Yojana (RKVY) scheme funded by Government of Kerala. Inauguration of the programme was conducted at ICAR-KVK (BSS), Seminar Hall on 22.09.2021 under the Chairmanship of Dr. G. Byju, Principal Scientist and Head (A), Division of crop production, CTCRI. The Programme was virtually inaugurated by Honorable Director ATARI, Dr. V. Venkatasubramanian. In his inaugural address he stressed on transfer of technology among the hilly area farmers and to ensure climate resilient agricultural practices among the hill farmers. The programme aims to cover 34 Tribal farmers in three villages. Seed Materials of Improved varieties of cassava (Sree Pavithra & Sree Reksha) and sweet potato (Bhu Krishna, Sree Kanaka, Gouri and Sree Arun) was distributed from ICAR-CTCRI, Sreekaryam to the tribal

farmers. Interface programme and field visits were organized during the first-half of September at Chinnakanal (B.A.L. Ram village), Senapathy (Arivalamchal village) and Santhanpara (Aduvilanthankudi). Smt. Betsy, Agricultural Officer, Senapathy and Mr. Benny, Agricultural Officer, Chinnakanal facilitated the programme. The inaugural function was followed with technical sessions on topics like management of wild animal menace in hill agriculture by Dr. V. Venkatasubramanian, The Director, ATARI, Bengaluru. Improved varieties and agro techniques of cassava and sweet potato handled by Dr. V. Ramesh, Principal Scientist, ICAR-CTCRI. Establishment and maintenance of seed villages on improved varieties of cassava and sweet potato by Dr. D. Jaganathan, Senior Scientist, ICAR-CTCRI and Frontline extension Programmes of KVK for empowering farmers was handled by Dr. R. Marimuthu, Senior Scientist and Head, KVK-Idukki.

15. ICAR -KVK, Kalaburgi-II

Rabi Seed Day celebration

University of Agricultural Sciences, Raichur declared to celebrate 25th May and 25th September as Seed Days for Kharif and Rabi season. In view of this ICAR-KVK, Kalaburgi-II celebrated Rabi Seed Day on 25-09-2021. The program was inaugurated by Sri. Malappa Pujari, progressive farmer of DFI village Rasanagi Tq. Jewargi. After inauguration Dr. Sanjeev Kumar Bellad, Sr. Scientist and Head explained selection of good quality seed and varieties for getting higher yields and care taken while selecting the varieties. He suggested sowing seeds recommended for local climatic zone. The varietal seeds can be used for three years once purchased from the Agricultural institutes.



Dr. N. Manjunatha, Scientist (Agronomy) described the important varieties in Rabi crops like Chickpea, Jowar and Safflower and also improved agronomic practices. Importance of seed treatment with Cacl₂ to induce draught tolerance in plants and also asked the farmer to go for compartmental bunding to conserve the moisture for the rabi crops. Dr. Basavaraj, Scientist (Agri. Entomology) briefed about important pest and disease



which appears during rabi season crops and their management. He also described the importance of IPM and requested farmers to adopt IPM practices to control pest and diseases.

During the event Dr. Vikram Simha H.V., Scientist (Processing and Food Engineering) explained importance of good seed processing, grading and role of moisture content on germination properties of the seed. He also anchored the event and welcomed the participants.

16. ICAR -KVK, Kannur

Diagnostic Field Visit to Arecanut Plot



Diagnostic field visit was conducted by expert team of KVK Kannur to arecanut plot in Chapparappadavu Panchayat after reporting of yellowing of palms. Severe incidence of leaf rot disease caused by *Colletotrichum gloeosporioides* was noticed in the field. Foliar application of Carbendazim 50WP@1g/L was recommended for controlling leaf rot. As palms were showing the symptoms of potassium and magnesium deficiency proper nutrient management was recommended with MOP @ 80g/palm and

Magnesium sulphate @ 60g/palm with secondary and micro nutrient mixture AYAR @100 g.

Handful of Seeds to Plateful of Rice from Homesteads

Homestead cultivation of paddy, a novel campaign by Mayyil Rice producers Company under the initiative of KVK Kannur, is turning the households of Mayyil panchayat to a self-sustaining production unit. The venture which can be projected as the future of urban farming of Kerala, is a huge success in the Panchayat. Field day was conducted in the plot of Shri. Asokan, a progressive farmer who is planning to continue the model in the coming years too. Local body representatives, farmers and Scientists from KVK Kannur participated in the harvest festival. Paddy varieties like Samyuktha, Shreyas and Uma were taken up for the upland paddy cultivation in homestead which yielded on par with lowland paddy in well managed plots. Soil amelioration, Dibbling, soil moisture and weeding utilising family labour was observed to be critical factors in the success of upland farming during the project.



17. ICAR -KVK, Kodagu

Entrepreneurship Development Programme (EDP) on value addition and marketing in Birds Eye Chilli



ICAR-KVK Kodagu organized an India @75 EDP programme on EDP on Bird Eye Chilli value addition and marketing on 15th and 22nd September 2021. Shri B. Prabhakar, SMS Horticulture demonstrated the nursery techniques in chilli. Later preparation of chilli sauce, powder, labelling, packing and branding of valueadded products information was also given to the trainees. A total of 35 farm women participated in the programme.

Programme on Poshan Abhiyan and Tree Plantation



ICAR-KVK Gonikoppal, Kodagu organised the international year of millet 2023, national campaign on Poshan Abhi-

yan and tree plantation on 17th September 2021.

The programme was jointly inaugurated by Shri. Madhu Kumar Forest Range officer, Kodagu and Dr. Ganesh Prasad, Asst. Professor, College of Forestry, Ponnampet. On the occasion plants and Vegetable Seed kits were distributed to all the participants. Live telecast of Honourable Union Agriculture Minister's address was conducted for the benefit of all the assembled farmers After the live telecast, plant saplings were planted in the KVK premises and farm. Famers were given refreshment which included Ragi biscuits and Ragi chakli. Dr. Harish, SMS (Agrometeorology) spoke about Nutri-cereals and their role in human health. Later Mr. Prabhakara B, SMS (Horticulture) spoke on the topic role of nutri-garden for sustainable agriculture & rural livelihood. On the spot Quiz competition was also organised for the participants and the winners were awarded. About 75 girl students (Kanyas) and 40 farmers attended the programme. During lunch different millet based items were prepared and served to all the participants.

18. ICAR-KVK, Kollam

Salient revolutionaries



In India, there are about 2.82 lakh practicing agri-input dealers, who are the prime source of farm information to the farming community. The first contact point for majority of farmers is the agri-input dealer. While purchasing different inputs required for farming operations, the farmer naturally tries to find out from the input dealer about the usage of inputs, both in terms of quality and quantity. However, most of these input dealers do not have formal agricultural education. If these input dealers can be shaped as para-extension professionals by providing requisite knowledge, they can professionalize extension services and contribute to bring a paradigm shift in Indian Agriculture. It is in this context, the National Institute of Agriculture Extension Management (MANAGE) had designed a one-year diploma course titled ‘Diploma in Agricultural Extension Services for Input Dealers (DAESI)’ and another 15-day online and 3 day practical’ (in person) certificate course on “Integrated Nutrient Management for Fertilizer Dealers” in the State designed by Kerala Agricultural University in collaboration with the Department of Agriculture Development and Farmer’s Welfare. Both the imparts relevant and location-specific agricultural education to equip these input dealers with sufficient knowledge to transform them into para-extension professionals so as to enable them to address the day-to-day problems being faced by the farmers at field level. But the difference between both the courses is that DAESI programme equips the participants in terms of pesticides, weedicides and seed in addition to fertilizers. Hence the trainees of certified course on

INM for fertilizer dealers are able to apply for fertilizer license only.

19. ICAR -KVK, Kolar

FFS on IPM in Cabbage



Cabbage is an important cole crop among vegetables grown in Kolar district. This vegetable is grown throughout the year, but maximum area will be covered during cooler months of the year. The hybrids grown under intensive cultivation, indiscriminately receive very high doses of pesticides resulting in development of resistance in many pests, outbreak of secondary pests and accumulation of pesticide residues in the final produce. These residues on cabbage pose a health hazard for the consumers. In view of creating awareness among farmers to reduce the pesticide dumping and also to encourage them regarding integrated Pest Management Practices. Therefore, KVK Kolar is implementing FFS in one of the DFI village Yadahalli, Kolar taluk on “Integrated pest and disease management in cabbage” wherein farmers are given hands on learning exercises like identification of pests, diseases, damage symptoms, natural enemies etc.. In the different sessions the topics like, advances in cabbage production technology, integrated nutrient, pest and disease management in cabbage are discussed in detail by KVK scientists.

Farmer's exposure visit



A group of 25 farmers from Savadatti taluk, Belgaum district have visited KVK, Kolar for onhand experience of several advanced technologies practised by Kolar farmers in the field of Horticultural crops. They were also interested in knowing various IFS practices followed by Kolar farmers to earn a sustainable income through agriculture. As a part of this visists were arranged to a successful entrepreneur maintaining KVK implemented technology on preparation of compost from seri-bed residue using waste decomposer and also a model IFS farm at Chitnahalli and a self sustaining IFS unit at Nernahalli. The farmers were also educated with cropping pattern, important production technologies of different crops and farming practises.

20. ICAR -KVK, Malappuram

Paired row system to boost rice productivity



In order to increase the productivity of paddy fields, adoption of paired row system at a spacing of 10cm x 15 cm x 35 cm has been promising since it can be adopted by farmers of all rice eco systems. KVK conducted front line demonstration of Paired Row system at Thirunavaya Panchayath in paddy variety Shreyas.

Organic management protocols for Edayurchilli farmers



A field visit was carried out by KVK Scientists and officials of the department of agriculture to Edayur chilli farmers (GI pipeline crop from Malappuram district) on 18th of September 2021 to address the problems faced by them. Edayur chilli is special chilli variety of Malappuaram District with a unique character of low pungency which belongs to *Capsicum annum*. Fruit of Edayur chilli is a drooping berry, solitary, with moderately triangular shape and with smooth surface. It is highly delicious with meals because of its low pungency appealing flavour and taste. But problems of sucking pest complex and poor plant health have affected cultivation. To evolve management strategies, demonstrations with the support of SHM have been planned in Organic management of Edayur chilli with practices such as *insitu*-production of various organic manure (vermi composting & Coir

pith composting), *insitu* VAM production, Trichoderma enrichment of compost & production of botanicals for pest and diseases management.

21. ICAR -KVK, Mudigere

Campaign on Nutri-Garden and Tree Plantation

ICAR-Krishi Vigyan Kendra, Mudigere in collaboration with IFFCO, Celebrated International year of Millets -2023 with Campaign on Nutri-Garden and Tree Plantation programme at KVK on 17.09.2021.

The programme was inaugurated by Dr. Krishnamurthy, A.T., Senior Scientist and Head, KVK, Mudigere. During his inaugural speech, briefed about the importance of the International millet year, nutritional values, significances and importance of other millets like Foxtail, Khodo, Little, Pearl and Proso Millets in daily life.

During this programme vegetable seeds kits and plants were distributed to the Anganwadi workers, farmers and Farm women by the chief guests. Importance of Nutri-garden in farm families is much importance to overcome malnutrition. Hence consumption of area specific vegetables, fruits and tubers as well as citrus fruits encourages the nutri value in life. Kitchen garden also helps to get pesticides free vegetables and help us to save money by reducing the purchase of vegetables from the market and daily consumption of our nutri-garden vegetables it helps us to improve the immunity level of an individual of family members.

Tree planting was conducted by planting 71 trees like Avacado, Exotic tree plants like

Litchi, Rambutan in Krishi Vigyan Kendra Farm land. Total 212 Farmers and Anganawadi workers actively participated in this programme.



The programme was chaired by guests like Dr. Narayana S. Mavarkar, Dean, College of Horticulture, Mudigere, Dr. Shivaprasad M., Associate Director of Extension, ZAHRS, Mudigere. Mrs. Suma, Assistant Director of Agriculture, Mudigere, Mr. Mohammed Zubair, President, Gram Panchayat, Mudigere, Mrs. Pavitra, Women and Child welfare department, Mudigere, Dr. Ashok Kumar D.L., President, Taluk KrishikSamaj, Mr. Balakrishna, President, Taluk farmers growers association, Mudigere, Poornesh, Progressive farmer, G. Hosahalli, and scientist and staffs of KVK.

22. ICAR -KVK, Mysuru

Method demonstration of paddy machine transplanting



ICAR JSS Krishi Vigyan Kendra, Mysuru and Shree Kshetra Dharmasthala Ru-

ral Development Project(SKDRDP) H D Kote jointly organized training cum method demonstration on paddy machine transplanting at hebbalaguppe village H D Kote taluk on 16 September 2021. KVK Agronomy scientist Shri Shamaraj along with SKDRDP H D Kote manager Shree Jayaram visited to paddy nursery and machine transplanted field explained about paddy nursery management and Integrated Crop Management (ICM) in machine transplanted rice.

Promotion of Sugarcane seedling production on EDP mode

ICAR, JSS-KVK Suttur has been promoting sugarcane seedling production on Entrepreneurial Development (EDP) mode through training, field, and method demonstration, with this background KVK scientists Shri Shamaraj, J G Rajanna and Vinay G M have visited the sugarcane nursery entrepreneur Shri Gagan at K M Doddi, Mandya district, who is engaged in producing and supplying sugarcane seedlings to farmers. KVK scientist suggested to take up sugarcane seedling production of ruling varieties in the district, scientific management of nursery and upscale the production for further supply to more farmers through KVK contact.

Training Programme on Micro Irrigation Systems under Jala shakthi Abhiyana

ICAR, JSS-KVK Suttur organized training programme on micro irrigation systems under Jalashakthi Abhiyana programme on 22-09-2021 at Suttur.



In this training programme Dr Vinay G M Scientist Horticulture explained the importance of water saving and drip irrigation systems in saving water and increase in the yield of the crops. practically explained about working of drip irrigation in Banana crop. KVK Soil Scientist Shri Rajanna demonstrated fertigation systems in Banana and explained 35-40 percent water saved in the drip irrigation. With fertigation system farmer can get 15 percent of yield in the Banana crop. 30 participants get benefited from the program.

23. ICAR -KVK, Palakkad

Aesthetic trends in nursery management for entrepreneurship

As part of a workshop conducted by KVK Palakkad for identifying the training needs of entrepreneurs, 40 beneficiaries were identified for nursery management training. KVK has scheduled a six-day training programme for a batch of 20 participants each. The programme included virtual technical sessions as well as hands own experience. The sessions were held on nursery management, propagation techniques, hi-tech structures, indoor gardening, landscaping, virtual

tour of nursery, aesthetic trends in nursery and entrepreneurial experience sharing. KVK has included a pre and post evaluation session and there is improvement in participants know-how level on adoption of nursery techniques with new trends like terrariums, kokedamas, dry flower production, flower arrangement, bonsai making etc.



24. ICAR -KVK, Pathanamthitta

Celebration of international year of millets-curtain raiser through nutri garden and tree plantation campaign



The Government of India has declared 2018 as the National Millets Year. In line with this, the Food and Agriculture Organization of the United Nations has decided to celebrate 2023 as the International Year of Millets. The curtain was raised on September 17th 2021 to mark the International Year of Millets at KVK in collaboration with In-

dian Farmers Fertilizer Co-Operative Ltd. (IFFCO). As part of the programme, Krishi Vigyan Kendra, Pathanamthitta organized Poshan Maa programme, tree plantation campaigns and Exhibition on Millets. The programme was inaugurated by Smt. Gigy John Mathew, President, Koipuram Block Panchayat. On the occasion technical session on the cultivation of millets and its nutritional values was also organised. 1000 Vegetable seedlings, 200 fruit saplings and 100 vegetable seeds packets were distributed to farmers.

Fish harvest mela at KVK farm

KVK organised Fish harvest mela on 23rd September from KVK farm pond .Carps like Rohu, Catla and GIFT (Chitralada) was harvested. Catla fish of 7.5 kg was the attraction of the day.



25. ICAR -KVK, Ramanagara

Training on “Integrated Farming System”

ICAR-KVK, Ramanagara in collaboration with ATMA, Department of Agriculture, Ramanagara had organized one day

training programme on “Integrated Farming System” for the benefit of model beneficiary farmers from Ramanagara, Channapatna and Magadi taluk under the RKVY project for promotion and popularization of Integrated Farming System with an objective of doubling farmers income.



The programme was inaugurated by Dr. Sathish, Professor (Soil Science), UAS Bangalore and he emphasized the importance and maintenance of soil fertility for sustainable crop production, soil and water conservation practices to be adopted along with integration of different components under integrated farming system.

Dr. Savita S Manganavar, Senior Scientist and Head, KVK Ramanagara in her presidential remarks briefed about the importance of livestock rearing under Integrated Farming System and advised the farmers to increase the components based on resource availability and integrate them scientifically to earn additional income. Mr. Narasimaiah, Assistant Director of Agriculture, Magadi briefed about the scheme and benefits available to selected farmers for implementation of IFS models in the farmers’ field.

Dr. Dinesha M S, Scientist (Agronomy)

explained about the IFS models for irrigated and rainfed ecosystem, resource inventory of the farm, careful selection of the components based on the resource availability and skill of the farmers. He also briefed about the success stories of various IFS farmers of Ramanagara district. Farmers visited various demo units at KVK such as Azolla unit, Dairy unit, Sheep and Goat stall feeding unit, Farm pond with fish rearing unit, Vermicompost unit, Fodder block, Bore well recharge model, roof water harvesting model, high density planting, dry land horticulture etc. A visit was arranged to a model IFS based farm, where Mr. Sampath Kumar M K, Kalya village, Magadi taluk shared his experiences with fellow farmers about the benefits of IFS.



26. ICAR -KVK, Trivandrum

Portable Rain Gun Spray Irrigation System – To Boost Fodder Cultivation

Rain Gun is a useful micro irrigation tool to boost the fodder cultivation in Thiruvananthapuram District. Generally rain guns are designed for irrigating large field areas at once where relatively high flows and extended radius of water throw are desired. The Thiruvananthapuram District fodder

area is 109 ha, which is insufficient for the dairy farmers to meet the requirement. The summer season they need to irrigate the fodder for by conventional irrigation systems mainly hose irrigation. It involves high labour requirement and the growth rate also affects to meet the per day crop water requirement.

To ensure high yield, it is desirable to give 1 or 2 irrigation at critical stage (flowering and grain filling stages). The depth and frequency of irrigation is scheduled by soil type, number of cuttings. First two very light irrigations (4 – 6cm depth) should be given at 5 -6 days interval. Subsequent irrigations may be given in 10 days interval. Normally the crop should be irrigated after each cutting. Timely irrigation improves tillering remarkably, which contributes to higher forage yield.

The Penguin Pelican of 11/4” rain gun head was installed at the field. With an operating pressure of 2.0 to 5.0 kg/cm² the performance of the rain gun sprinkler head observed were coverage diameter of 42 to 56m and discharge rate of 149 to 236 litre / minute.

At Chirayinkeezhu Panchayat Shri. M. Mohammed Kunju was cultivating fodder varieties CO 3 and Super Napier in 3 Acres plot. He is maintaining a dairy farm having capacity of 15 cows. He is irrigating the crops by hose irrigation. With the introduction of portable rain gun sprinkler system now he is doing the irrigation without any difficulties.

As part of the Front Line Demonstration for the year 2021-2022, Er. Chithra G., (Subject Matter Specialist – Agricultural

Engineering), Mitraniketan KVK (ICAR) implemented the technology with the team work of ASCI –MIT on 11/09/2021. Dr. Binu John Sam, Senior Scientist and Head inaugurated the programme and farmers of the panchayat participated in the installation works. According to Mohammed Kunju he prefers the irrigation practice of rain gun for fodder crops as it saves water to great extent, it saves energy when compared to conventional hose irrigation.



Farm Information Bureau, Govt. of Kerala documented the programme considering the importance of the technology for dairy farmers.

27. ICAR -KVK, Uttara Kananda

World Bamboo Day Celebration

In view of World Bamboo Day celebration ICAR-KVK Uttara kannada organized training programme on Cultivation of commercially important bamboo species and its value addition on 18th September, 2021 at KVK Campus, Sirsi. The programme was inaugurated by Dr. Channabasappa, Dean, College of Forestry, Sirsi. Mr. Venkatesh, L, Scientist–Agroforestry gave information on cultivation aspects of bamboo and its value addition. Fifty farmers/farm women participated and benefitted during the event. Bamboo saplings were distributed to the participants.

Participation of ICAR-KVK Uttara Kan- nada in ANNADANGALADA MATHU- KATHE at Kaigadi village



The programme on ANNADANGALADA MATHUKATHE was organized at Kaigadi village, Ankola taluk, Uttar Kan-
nada on 18.09.2021 by Savayuva Kri-
shi Parivara, Kaigadi and KSDA, Karwar.



ICAR KVK Uttara Kannada actively participated in the event by arranging exhibition stall and exhibited BaKaHu value added products like BaKaHu Malt, Chak-
li, Samosa, Dry Jamun, Biscuits &Pako-
da, Paddy varieties suitable for the district and Spice crops. Kum. Shobha Karandlaje, Hon'ble Minister of State for Agriculture and Farmers Welfare, GOI visited ICAR-
KVK, Uttara Kannada stall and interacted with Scientists regarding BaKaHu value

added products. More than 600 farmers and farm women were participated in the event.

28. ICAR -KVK, Vijayapura-I

Programme on Climate-resilient agriculture (CRA)

Climate-resilient agriculture (CRA) is an approach that includes sustainably using existing natural resources through crop and livestock production systems to achieve long-term higher productivity and farm incomes under climate variabilities. Climate change can reduce agricultural income by 15-25 per cent; it is high time that rationale of climate-resilient agriculture (CRA) is valued and implemented more rigorously. The crucial points to address the climate change and achieve sustainable development goals (SDG) in India are adaptation of appropriate mitigation technologies such as the cultivation of tolerant breeds to overcome the climate stress, water and nutrient management for efficient productivity and resource utilization, agro-advisories for timely crop monitoring, conservation agricultural practices to build soil organic carbon and to build congenial environment for plant growth, manure management. With the objective of creating awareness, Krishi Vigyan Kendra, Vijayapur organized the live telecast of Interface meeting of Hon'ble Prime Minister Shri. Narendra Modiji with farmers. After the live telecast, a training was organized on climate resilient agriculture to the participants. Dr. Shubha S., Senior Scientist and Head, Krishi Vigyan Kendra, Vijayapur gave the introductory remarks about climate resilient agriculture. Shri, B.C. Kohlar, Se-

nior Technical officer, Soil Science, spoke on importance of soil health management.



Dr. Vivek Devaranavadi, Scientist, Agri. Engineering spoke on micro irrigation systems, Shri Shivlingappa Hotkar, Scientist, Plant protection spoke on role of bio agents in control of pest and diseases. Dr. Prema Patil, Scientist Home Science spoke on importance of millets in dryland areas and its nutritional benefits. Shri. Shrishail Rathod, Senior Technical Officer, Computer anchored the programme and proposed the vote of thanks. Nearly 40 farmers participated in the programme.

29. ICAR -KVK, Vijayapura-II

International year of millets tree plantation campaign and nutrigarden concept

International year of millets 2023 and tree plantation campaign programme was organized on 17.09.2021 by ICAR Krishi Vigyan Kendra, Vijayapura-II (Indi) in collaboration with IFFCO Vijayapura. Smt. M. Bajantri, Supervisor, Department of Women and Child Development, Indi and Mr. Rajendra Honnuru, Forest Officer, Social Forest, Indi were graced as the chief guest on this occasion. Dr. R.B. Negalur, Senior Scientist and Head, ICAR, KVK Vijayapura-II

(Indi) presided the function. All dignitaries inaugurated the program by watering the saplings. Then the live webcast of Hon'ble Union Agriculture Minister, Shri Narendra Singh Tomar Ji's speech through online arranged at KVK.



The chief guest Smt. M. Bajantri, Supervisor, Department of Women and Child Development, Indi on this occasion insisted that women should consume nutritious food so that iron and calcium nutrients will be provided. Another chief guest Shri. Rajendra Honnuru, Forest Officer, Social Forestry, Indi, said that if interested farmers contact the Forest Department, the Forest Department staff will plant the saplings in their farm otherwise interested farmers to approach the forest department, further total the importance of afforestation.

Dr. R.B. Negalur, Senior Scientist and Head, ICAR, KVK Vijayapura-II (Indi) in his presidential remarks told that millets are slow digesting and releases the glucose in blood stream slowly and millets are rich in dietary fibre they also contain niacin (Vitamin-B3), which facilitates the action of more than 400 enzymes and this vitamins and is essential for healthy skin and organ function. He also stressed that at least 33 percent forest is essential to get sufficient rainfall and to get good yield. On this occa-

sion planting materials like jamun, Mango, Guava, Clustered apple, Vegetable seed kit distributed to participants. In this programme 42 students and 70 farmers participated in the program. Dr Savita B. Scientist (Soil Science) welcomed and anchored the programme. Dr. S.S. Anjum Scientist (Plant Pathology), ICAR Krishi Vigyan Kendra, Indirapuram, Delhi gave vote of thanks.

30. ICAR -KVK, Wayanad

Multidisciplinary Diagnostic Team (MDDT) visit

A multidisciplinary diagnostic team (MDDT) visit was conducted in Mananthavady and Sultan Bathery Blocks during September 2021 by a team comprising of Programme coordinator, subject matter specialists from KVK, Wayanad, Deputy Director (E &T), District Plant Health Manager and pest scout of SulthanBathery Krishi Bhavan and problems of the fields were diagnosed. Rice fields had severe infection of rice blast, leaf folder and yellowing symptoms due to nutrient and lime deficiency were noted in the fields. Pepper plants showed mealy bug and quick wilt symptoms. Appropriate recommendations were given to the officials of state department of agriculture development and farmers welfare for the problems identified.

KVK Wayanad-Contact farmer bags Biodiversity Conservation award 2019-2020

Sri. Praseed Kumar Thayyil a progressive and contact farmer of KVK Wayanad bags the Biodiversity Conservation Award 2019-

2020 instituted by the Kerala State Biodiversity Board. He is actively participating in various experiments and projects of Agricultural Knowledge Center, KVK Wayanad, is the protector of more than 125 traditional varieties of rice.



KVK Wayanad-Diagnostic field visit to promising Orchid farmer

KVK Wayanad team visited orchid farm and integrated rice farming system of Sri. Sabu V.U of Ambalavayal. Apart from commercially grown orchids, he is having 30 numbers of indigenous natural wild orchid collections of Wayanad.

Ginger plots of Sri. V .C Unnunny, Kala-thuvayal showed severe rhizome rot symptoms and appropriate recommendations were given.



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