



Commemorating

14th year of Heavenly Abode

Sri. KUTTACHEN KAKKAD
Founder Chairman, KVK

FROM THE EDITORIAL DESK



The decade passed by has been a great teacher. It taught us the tough lessons of survival, cooperation, adaptation, and strengthened us to face the new challenges, the coming will bring. The climate change and disasters have left deep scars in our farming sector, but sincere efforts from scientists, extension personnel and farmers will ultimately sow seeds of change. This is clearly visible from the results of concerted efforts that the Team KVK, Idukki has programmed for the farmers of the district. The team has been successful in making farming profitable in these scenario's.

The district is famous for its plantation crops such as pepper, cardamom, coffee, tea, coconut, and rubber. Spearheading the broad objectives of farmer empowerment and profit optimisation, the KVK has conducted several OFT's, Front Line Demonstrations, trainings, field visits and diagnostic clinics as per the needs of the stakeholders. This has been reflected in their income as well as in the standard of living with and wholehearted cooperation from the line departments and allied sectors.

What we have achieved and where we stand today would have been impossible without the genuine assistance and constructive advice of our officials, staff and farmer friends. Our sincere gratefulness goes to The Director, ATARI, Bengaluru and other staff of ATARI who have tirelessly and consistently guided us in achieving the mandates of KVK in Idukki district. We bow our heads before our farmer friends and other well-wishers who have helped us in connecting with the soul of this pristine land, thereby assisting us in disseminating the knowledge required for the farming community. "TEAM KVK IDUKKI" has showcased an exemplary model of service to the farmers and the Bapooji Sevak Samaj appreciate each and every member for the consistent efforts they have put in. Through this newsletter, we proudly unfold, our salient interventions and technology backstopping that has helped the farmers in leading a better life. Let us believe that, together we can make this decade a DECADE OF HOPE'

Reena Chacko, Chairperson, KVK

IMPORTANT EVENTS

SAC MEETING 2018 -19



The 13th Scientific Advisory Committee Meeting was held on 7th December 2018 at KVK Seminar Hall. Dr. M.J. Chandre Gowda, Director, ICAR-ATARI, Bengaluru, Dr. P. Muralidharan, Principal Scientist and Head, KVK Alleppey, Officials from Akashavani - All India Radio, Devikulam, VFPC, Dairy Department, Coffee Board, Spices Board, ATMA and various officials from the line departments participated in the discussion.

PRE RABI CAMPAIGN 2018-19



Pre Rabi Campaign 2018 – 19 was conducted at Adimali Grama Panchayat Hall on 14.02.2019 and 15.02.2019 respectively in collaboration with ATMA, Idukki. The programme was inaugurated by, Hon. Minister for Agriculture and Farmers Welfare Sri. Adv. V. S. Sunil Kumar, and the inaugural session was presided over by Sri. M. M. Mani, Hon. Electricity Minister of Kerala.



INTERNATIONAL WOMENS DAY –2020

International women's day was celebrated on 8th March, 2020 by ICAR KVK Idukki, in collaboration with ICDS Devikulam on the theme "EACH FOR EQUAL". The programme was inaugurated by the Devikulam, Block Panchayat President. 88 farmers and 3 officials participated in the programme.

REPORT ON MAHILA KISAN DIWAS

Mahila Kisan Diwas was celebrated at Assisi Sneathramam, Nariyampara, Kattappana on 15th of October, 2019. 30 members participated in the group discussion and the programme.

DAESI PROGRAMME 2020

In association with SAMETI, ATMA and MANAGE, ICAR KVK, Idukki has successfully completed 2 batches of Diploma in Agricultural Extension Services for Input Dealers (DAESI) for the dealers of Idukki district. The course completion valedictory function, certificate distribution and inauguration of new 2020 batches were done on 13.01.2020. Honorable Minister for Electricity, Shri.M.M.Mani inaugurated and distributed the certificates to Dealers.



BIENNIAL FERTILIZER AWARENESS PROGRAMME

An Awareness Programme on use of fertilizer was conducted at ICAR-KVK (BSS), Idukki on 22.10.2019 in collaboration with IFFCO and SPIC. As part of this programme 6 stalls were arranged respective fertilizer companies. The Programme was inaugurated by Smt.Saraswathy Selvam, President, Sessions on efficient use of fertilizer, INM and scientific soil testing were handled by Retd. Farm Superintendent, Sri. Raj Mohanan, KAU and Smt. Manju Jincy Varghese., (SMS, Soil Science), KVK Idukki. 183 farmers participated in the programme



NADCP FOR FMD & BRUCELLOSIS AND AI

National Animal Disease Control Programme for Foot Mouth Disease & Brucellosis and Artificial Insemination was conducted at ICAR-KVK, Idukki on 11.09.2019. Dr. Anand R. Krishna, Veterinary Surgeon, Santhanpara addressed the dairy farmers and created awareness on FMD, Brucellosis, artificial Insemination and other vaccination programmes.



WORLD FOOD DAY

World food day was celebrated at ICAR – KVK, Idukki on 16th of October 2019 on the theme "Our actions are our future. Healthy diets for a Zero Hunger World". An Exhibition on healthy diet was organized. 47 members of rural youth participated in the function.

NATIONAL KISAN DIWAS –2020

National Kisan Diwas was celebrated on 23.12.2020 at ICAR-KVK, Idukki. As part of the celebration. As part a Farmers Seminar was organized. Technical sessions was handled by Sudhakar S. (SMS PP). A total of 54 members participated in the seminar



TREE PLANTATION CAMPAIGN

Tree plantation Campaign 2019 was celebrated in ICAR KVK-Idukki on 17.09.2019. 1022 fruits and plantation plants were distributed to the farmers. Tree plantation Campaign was inaugurated by Smt. Saraswathi (Arogya Vidhyabhyasa Standing Committee Chairman).

NIPHM INAUGURATION 2020



VIGILANCE AWARENESS WEEK



Vigilance awareness week 2019 (October 28th to November 2nd 2019) was observed at ICAR KVK, Idukki. The vigilance awareness week programmes started with pledge which was administered to the KVK staff. As part of the programme awareness training programme was conducted at Panchayat Hall, Vandenmedu.

WORLD SOIL DAY CELEBRATIONS

World soil day was celebrated on December 5th 2019 with the theme-“Stop Soil erosion, Save our Future.” at ICAR-KVK, Santhanpara. 50 soil health cards were distributed to the farmers. 80 farmers and 5 extension officials participated in the celebration

World soil day was celebrated on December 5th 2020 with the theme-“Keep Soil alive, protect soil diversity” at ICAR-KVK, Santhanpara. 20 soil health cards were distributed to the farmers. 40 farmers participated in the celebration



TRIBAL DEVELOPMENT PROGRAMMES

ICAR-KVK, Idukki had been in the forefront in the holistic development of farmers in the tribal belt of the district. Corrective steps were given to the farmers facing problems in their traditional farming practices

NATIONAL MILK DAY

National Milk day Celebration was conducted at Munnar Letchmi Milk society hall on 26-11-2019. The programme was inaugurated by Shri M Guruswamy, President Letchmi Milk Society, Munnar. A training programme of Scientific Dairy Cattle Management and Doubling the farmers income was organized in connection with this event.



SWATCHHTA PAKHWADA PROGRAMME

Swatchhta Pakhwada Programme was held at ICAR Krishi Vigyan Kendra from 16th – 31st of December. Different aspects covered during the programme were Swatchhta awareness campaign, cleaning public places and community, awareness on waste management and utilisation of organic waste, campaign on cleaning sewage and compost pit – disposal of biodegradable waste.



OTHER MAJOR HIGHLIGHTS

SUCCESS STORY OF A WOMAN ENTREPRENEUR

Rural craft unit of KVK imparted vocational training to a batch of 15 trainees on home care products preparation. During the training a women innovator, Mrs Rehana Paul, Kappilamkudiylil, Kulapparachal, was interested in candle making and was motivated to start an enterprise. With assistance from KVK, the unit now runs successfully with an average monthly income of Rs. 15000/- to 25000/-



ECONOMIC UPLIFTMENT OF TRIBAL WOMEN

The rural craft unit of KVK Idukki has created an environment where women can seek knowledge and information there by empowering them to play positive roles in their own development of society. It paves way for enhancing their self-image and self confidence women

ASCI 2019

Beekeeper skilled training programme sponsored by Agricultural Skill Council of India (ASCI) was conducted at KVK from 23.01.2019 to 24.03.2019. Twenty farmers attended the Beekeeping training programme and started a beekeeping unit in the name of Spices Producer Society at Bisonvalley.



FIELD DAYS

Field days were conducted for various Front Line demonstrations at different locations on completing the demonstrations.



DIAGNOSTIC FIELD VISITS



MAJOR TECHNOLOGICAL INTERVENTIONS

•Assessment of different biological control agents for the management of downy mildew (*Pseudoperonospora cubensis*) on cucurbits

Protective licorice extract application resulted in stable high efficacies even under semi-commercial conditions.

•Assessment of different biological control agents and herbal based repellents for the management of termites in sugarcane crop

EPN performed well in recording the low termites incidence and higher economic return.

•Assessing the effect of sampoorna in cowpea cultivation

Sampoorna trial plot showed better result in yield, management of nutrient deficiencies

•Assessing the effect of customized fertilizer formulation in Tapioca and Amorphophallus intercropped

Customized fertilizer-1 @ 500 kg/ha showed better result in respect of Good cooking quality, growth and yield.

•Assessment of different innovative technologies for deterring crop raiding wild elephants

Krishi Rakshak LED light placed area of small cardamom plantation was observed crop raiding wild elephant not entered in the field.

•Assessment of different biological control agents for the management of thrips (*Sciothrips cardamomi*) in small cardamom

Spraying of *Lecanicillium psalliotae* in small cardamom field resulted in reduced population of thrips when compared with *Steinernema* field.

TRAINING PROGRAMMES



FROM THE MEDIA CORNER

Radio talks

- ◆ An overview of scientific infertility treatment and their control measures in Dairy cattle - Dr.S.Jayababu, SMS(AH)
- ◆ Importance of Soil Health card for farmers- Manju Jincy Varghese, SMS(SS)

TV Talks:

- ◆ Biological control of soft rot and root knot nematode management in carrot -Sudhakar. S.,SMS (PP)
- ◆ Ecological engineering methods for management of whitefly - Sudhakar. S, SMS(PP)
- ◆ PKVY scheme- and organic farming in vegetables -Sudhakar. S, SMS(PP)
- ◆ Low cost VAM Production methods and their use – Ashiba A., SMS (Agronomy)
- ◆ Budget expectations for forthcoming year activities-Dr.S.Jayababu, SMS(AH)
- ◆ KVK- PKVY, OFT, FLD and General activities – Dr. R. Marimuthu, (SS&H)
- ◆ Importance of Soil health card for farmers - Manju Jincy Varghese, SMS(SS)

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