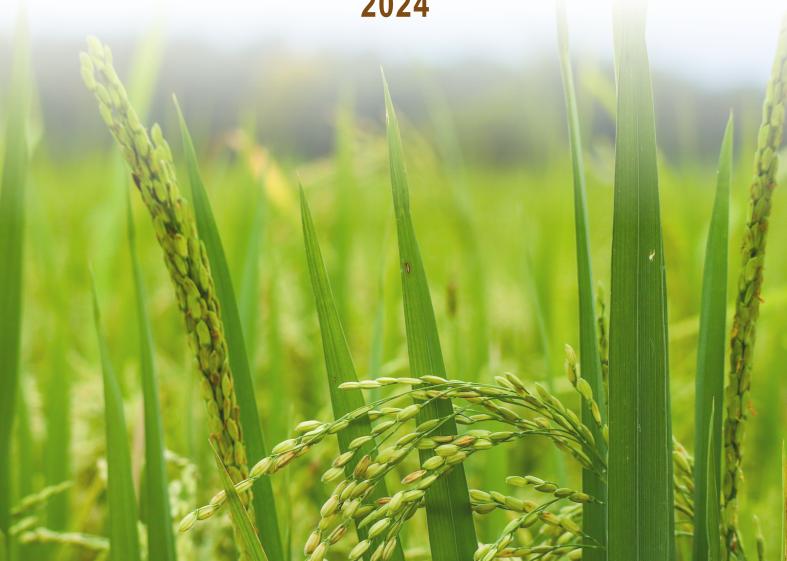
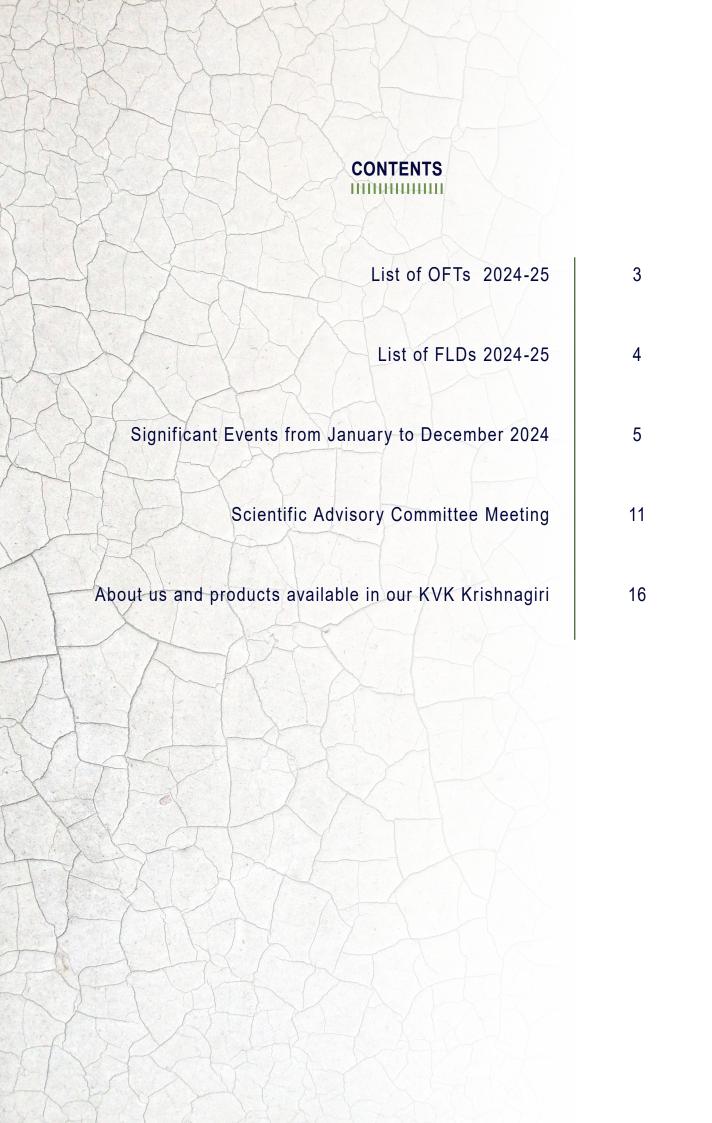


SIGNIFICANT EVENTS OF KVK

January to December 2024



ICAR - KRISHI VIGYAN KENDRA KRISHNAGIRI



List of OFTs 2024-25

Assessment on suitable Groundnut varieties (TCGS 1694 and TMV 14) for higher productivity in Rainfed condition	3
Assessment of suitable Blast Resistant Ragi varieties (CFMV 1 and ATL 1) for higher productivity in Krishnagiri tract	5
Assessment on suitable Little Millet varieties (CLMV 1 and ATL 1) for higher productivity	3
Suitability of Cover crop in mango orchards of Krishnagiri District	5
Assessment of nutrient formulation for higher productivity in cassava	5
Assessment of suitable micronutrients mixture for higher productivity in Banana	5
Assessment of effect of Arka Microbial Sahishnu for irrigation water saving in Tomato in Krishnagiri district	5
Assessment on Foliar spray of TNAU Multi Micronutrients to increase the yield in Tomato	5
Assessment of potash releasing bacteria for maximizing yield in Paddy	5
Assessment on Phosphorus supplementation to enhance the fertilizers use efficiency in Paddy	5
Assessment on Performance of Microbial Consortia for decomposition of Farm waste	5
Assessment of technology modules against mango fruit borer Citripestis eutraphera (Meyrick) (Pyralidae: Lepidopteara)	5
Assessment on different herbal preparations to control Sub-clinical Mastitis in dairy cows	5
Assessment of prepartum dietary anionic supplement for management of hypocalcaemia in pluriparous dairy cows	5
45	74

List of FLDs 2024-25

5	Demonstration on super fine Paddy variety VGD 1 under Organic Farming
5	Demonstration on high yielding Cowpea variety (VBN 3)
10	Demonstration on high yielding Redgram variety (LRG 52 - Amaravathi)
5	Demonstration on medium slender paddy variety CO 55 under Organic Farming
5	Demonstration of ICM in Tuberose variety Arka Prajwal
5	Demonstration of Ribbed gourd hybrid Arka Vikram
5	Demonstration on Marigold Hybrid Arka Abhi for yield and income potential
10	Demonstration on Integrated Crop Management in Mango
10	Demonstration on Micronutrient Management in Banana
10	Demonstration on TNAU Rice Reap in Paddy
10	Demonstration on TNAU Horsegram Wonder
10	Demonstration of Agricultural Drone
10	Demonstration on Groundnut seed drill (ANGRAU model)
10	Demonstration on ICAR- CIAE Tractor Operated Cassava harvester cum lifter
10	Demonstration of IIHR - Improved Mango Harvester
10	Demonstration on Multi Tree Climber (Palm)
10	Demonstration of herbal repellent for the management of Wild Boar
10	Demonstration on IPDM technologies in Redgram
10	Demonstration on IPM in Tomato
10	Demonstration of TANUVAS STAR Chicken for backyard poultry rearing
10	Demonstration of Nano Methicone ectoparasiticide Spray for cattle
10	TANUVAS GRAND Supplement to increase the milk yield in crossbred dairy cattle
10	TANUVAS Small Ruminant Mineral Mixture for increasing production performance
20	Export oriented moringa products for Entrepreneurship Development
20	Niche and Nutraceutical fruit products for rural youth entrepreneurial development
240	25

Significant Events of KVK Krishnagiri 2024

44th Coconut Development Board Foundation Day

The 44th Coconut Development Board Foundation Day was celebrated with great enthusiasm at ICAR-Krishi Vigyan Kendra, Krishnagiri. Collaborating with the Coconut Development Board, the event encompassed a significant program—a "District Level Workshop on Scientific Coconut Cultivation Technologies". This insightful workshop saw the active participation of 100 farmers and District Government Officials. Distinguished guests, including Mr. E. Aravazhi, Director of the Coconut Development Board, Regional Office, Chennai, and other esteemed dignitaries such as Dr. S. Sri Vidhya, Associate Professor (Horticulture) and Mr. K. Saravanan, Assistant Director of Horticulture, graced the occasion. The event commenced with the registration of farmers, and Mr. Gunasekar, SMS (Soil Science), extended a warm welcome to all attendees following the rendition of the 'Tamil Thai Vaazhthu' song. Dr. T. Sundarraj, Senior Scientist and Head, ICAR-KVK, Krishnagiri, delivered the inaugural address, emphasizing the significance of the Coconut Development Board Foundation Day. He further enlightened the audience with a special lecture on 'Scientific Coconut Cultivation Technologies.

Mr. E. Aravazhi expressed his heartfelt gratitude to all the farmers and Government Officials for joining in the celebration of the 44th Coconut Foundation Day. He christened the coconut tree as 'Karpaga Virutchagam,' underscoring its role as a tree that bestows benefits and assistance to all individuals through every part of its existence. His detailed discourse covered topics such as coconut varieties, planting methods, ideal planting times, spacing and initial steps for maintaining young plants. He shed light on CDB schemes, showcasing the transformative impact on farmers' lives through technical knowledge import and initiatives like Friends of Coconut Tree (FoCT). Also, he enlightening attendees on value-added coconut products, preparation methods and effective marketing techniques. Dr. S. Sri Vidhya, delivered a technical talk on 'Coconut Cultivation Techniques through Organic Method,' highlighting the importance of organic practices in coconut cultivation. The workshop also featured valuable sessions by experts, including Mr. Gunasekar on Integrated Nutrient Management, Importance of Micro Nutrient and water management and Mr. T.I. Ramesh Babu on

Identification and control measure of Pest and Disease in coconut. The farmers' experience-sharing session added a personal touch to the event, with testimonials from successful individuals like Mr. Rajendran and Mr. Ramasamy, a FoCT Master Trainer. The latter shared his inspiring journey from trainee to entrepreneur, generating applause from the audience.

The workshop concluded with Mrs. S. Poomathi, SMS (Home Science) explanation about the facilities available in KVK, about hands on training on coconut



value addition. Mr. K. Gunasekar expressed gratitude to everyone, and more than 150 farmers left with valuable insights, CDB schemes folders and Coconut Cultivation Technique pamphlets. The event concluded on a high note with the National Anthem. It was a resounding success, fostering knowledge sharing and collaboration in the field of coconut cultivation.

Organic Farming Training

Department of Agriculture, Krishnagiri and ICAR - Krishi Vigyan Kendra, Krishnagiri jointly conducted 6 days (19.02.2024 to 24.02.2024) Organic Farming training programme to Organic growers under Skill Training on Rural Youth - SAMETI and MANAGE at ICAR-KVK, Krishnagiri. The Joint Director of Agriculture, Krishnagiri inaugurated the Organic Farming Training Programme on 19.02.2024 and explained the importance and need of Organic Farming Training to farmers. The Senior Scientist and Head, KVK Krishnagiri given special address on role of KVK in Organic Farming by providing technical guidance to organic farmer. During the training period from 19.02.2024 to 24.02.2024, farmers were trained in the following topics on Soil Wealth Management, use of bio fertilizer in Organic Farming, Panchakavya preparation & Application - Practical, Pest management in Organic farming, Different types of mulches & their use in organic

farming, Use of Bio control agents in the field, Application method and demonstration and Organic farming - Method of certification by KVK Scientist.

Final day (24.02.2024) on Organic farming training, trainees given their feedback on the training programme and Organic farming booklet and Certificate to distributed the trainees by Join Director of Agriculture, Krishnagiri and Senior Scientist and Head, KVK Krishnagiri. Twenty Eight farmers were benefitted in the training programme.



International Women Day 2024

The International Women Day was celebrated on March 8th, 2024 at KVK Campus, Krishnagiri on the theme "Invest in Women: Accelerate Progress". The day marked an important event for Women SHG and Entrepreneur to empower them and recognize their women achievements in the field of Micro Enterprises & Entrepreneurship Development. Dr. T. Sundarraj, Senior Scientist and Head, KVK Krishnagiri welcomed the gathering and inaugurated the programme, interacted with the Farm Women SHG. Women Entrepreneur on Women Drudgery reducing tools in Agriculture, Farm Mechanization for improved harvesting and Economical efficiency by using the technologies for Women Empowerment. Mrs. S. Poomathi, SMS (Home Science) disseminated on Millet Nutrition and its inclusion for the Nutritional Disorders and Value-added Products in Millets for enterprise development.

It was celebrated in a grand manner with great momentum and two women entrepreneurs were honoured for the successful entrepreneurship activity and excellence in vermicomposting enterprise and value addition in Millet Products.



Monthly Zonal Workshop Meeting and Pre-kharif Meeting

The Monthly Zonal Workshop and Pre-kharif Meeting has been jointly organized by the KVK and Department of Agriculture at Regional Institute of Rural Development, KRP Dam, Krishnagiri on 25.4.24. The Senior Scientist and Head,

KVK Krishnagiri gave a technical talk on Bio-pesticides usage in Field Crops and read the technical messages for the forthcoming month. SMS (Soil Science) explained about the soil testing and nutritional disorders in field crops. The Joint Director of Agriculture, Krishnagiri explained about Pest Monitoring Strategies. The Department officials' participants were 97.



Soil Health Campaign

ICAR - Krishi Vigyan Kendra, Krishnagiri organized and conducted Soil Health Campaign on 28-May-24 at Parur



village of Krishnagiri block, Krishnagiri under Extension activities. During this programme the importance of soil testing and soil health were explained to the participant group of farmers. The farmers were instructed to collect the soil sample in their fields after the harvest of crop and before sowing of the next crop to know about the existing soil fertility status. The farmers were advised to apply fertilizers according to the soil test recommendation to minimize the economic loss besides to protect the soil environment. The soil sampling method was also demonstrated in the programme.

Skill Training Programme on Organic Cultivator (Small Unit)

Under the scheme of Agricultural Skill Council of India (ASCI), training for Organic Cultivator (Small Unit) was planned to be conducted from 10-Jun-24 to 11-Jul-24. Its inaugural function was held at the Krishi Vigyan Kendra, Krishnagiri on

10-Jun-24. Dr. T. Sundarraj, Senior Scientist and Head presided over the inaugural function and said that due to indiscriminate use fertilizers and pesticides by the farmers the environment is affected. He instructed the farmers to know more about the organic agricultural techniques. Dr.V.Balasubramanian, Deputy Director of Agriculture, Farmers Training Centre (FTC) Krishnagiri, while inaugurating the training, spoke clearly about the techniques of soil conservation through organic farming and the uses of pest repellents and panchakavya.



The Subject Matter Specialist Mr. K. Gunasekar (Soil Science), highlighted the importance and objectives of Organic Cultivation Techniques. Mr. S. Senthil Kumar SMS (Agricultural Extension) and Mr. S. Udhayan, SMS (Agronomy) participated in this inauguration programme 25 farmers from Parur and Palayur villages, Krishnagiri are attending the training.

Skill Training Programme on Organic Cultivator (Small Unit)

ICAR - KVK, Krishnagiri conducted the ASCI - Skill Training Programme on Organic Cultivator (Small Unit) under

NSDC. The training was conducted for 210 hours to 25 farmers & farm women. The theorical and practical aspects were covered in the organic cultivation practices that comprised of wide range of subject including the organic inputs preparations, soil health management, agronomic practices, pest and disease management, weed management, soil and water conservation practices, marketing strategies and entrepreneurship development skill. The training programme was concluded with the feedback of participants.



Kisan Mela and Tree planting Campaign - #Plant4Mother

ICAR – KVK, Krishnagiri conducted Kisan Mela and Tree planting Campaign - Plant4Mother at KVK Campus, Krishnagiri on 21-Aug-24. During this programme awareness created on Plantation Drive and Crop Diversification

technology and planted 162 Nos tree saplings at KVK premises. Subject Matter Specialists given talk on soil Health Management, Composting technologies, Cultivation technologies for Ragi, Mango and Amla. 1000 Nos Mangoes and 400 Nos Amla seedlings were distributed to 50 farmers (20 mango + 8 Amla seedlings to each farmer) under SCSP. Lead Bank Manager attended the programme and explained about the financial assistance available to the farmers from the banking sector.



30th All India Mango Exhibition

All India Mango Exhibition is organized every year in Krishnagiri by District Administration. ICAR-KVK, Krishnagiri

participates regularly in the exhibition to disseminate latest agriculture technology. 30th All India Mango Exhibition started from 13th September 2024 at Govt. Arts College, Krishnagiri. KVK Exhibition stall inaugurated by Hon' ble Minister for Food and Civil & District Collector, Krishnagiri. Technological Information displayed like Millets production techniques, Natural Farming Cultivation



techniques, Mango Fruit Fly Management, Micro Nutrient management in Mango, Fodder production techniques, Nutrient management in Dairy cows, Value addition in millets. Millet value added products and Native seeds for sales to farmers. KVK staff explained to the Minister about KVK activities and products available.

Method Demonstration on Multi Tree Climber Machine

ICAR - Krishi Vigyan Kendra, Krishnagiri, conducted a method demonstration of the 'Multi Tree Climbing Machine' at Malaiyandahalli village, Mathur block on 28th October 2024 under Front Line Demonstration (SCSP - 2024-25). Senior Scientist and Head of ICAR-KVK, Krishnagiri addressed critical issues such as labor scarcity, high wages, and the lack of skilled labor for tree climbing, proposing the use of small implements to alleviate these challenges. Prog. Asst. (Agrl. Engg.) demonstrated the Multi tree climbing machine operation, showcasing its benefits through the climbing of a palm tree. He provided detailed explanations on climbing techniques and cleaning methods for the upper portions of the tree. Progressive farmer Mr. Madhu expressed gratitude to the KVK team for conducting the demonstration, emphasizing how

this machine will significantly reduce labor needs and human drudgery, ultimately enhancing efficiency in agricultural practices. The event underscored the potential of innovative technology in supporting local farmers. Over 30 farmers participated, highlighting the event's significance.



Animal Health Camp

Animal Health Camp was organized by ICAR - Krishi Vigyan Kendra, Krishnagiri at Malayandahalli village in Mathur block on 28.11.2024. The camp was inaugurated by Dr. T. Sundararaj, Senior Scientist and Head of the Kendra, who highlighted the significance of animal health camp. Dr. S. Ramesh, SMS (Animal Science), created awareness among the participants about Deworming of dairy cows, Sheep and goats. He emphasized about deworming and vaccination to Livestock - FMD, Lumpy skin disease in cattle and PPR to small ruminants and Ethnoveterinary practices for Lumpy skin disease and Mastitis in cattle. Dr. Senthamizhan, a veterinary officer from Mathur block, participated and artificial insemination was carried out during the camp and advised about tick management practices to the participate farmers. Treatments and remedies was given to conditions like indigestion, inappetence, Retained placenta etc., During the camp, deworming medicine was administered to 120 dairy cows and 350 goats, and treatment was provided for affected livestock

along with necessary medications. Phamplets given to participant farmers on "Ethnoveterinary practices for Lumpy skin disease". Subject Matter Specialists from the Krishi Vigyan Kendra, Mr. T.I. Ramesh Babu (Horticulture) and Mr. S. Senthil Kumar (Agricultural Extension), also participated in the camp. A total of 55 livestock farmers from Malayandahalli village attended and benefited from the program



World Soil Day Celebration

ICAR – Krishi vigyan Kendra and the Department of Agriculture, Krishnagiri, jointly organized the World Soil Day celebration at the KVK Campus in Elumichangiri on December 5, 2024. Dr. T. Sundararaj, Senior Scientist and Head of the Krishi vigyan Kendra, presided over the programme and delivered a speech highlighting the importance of World Soil Day and methods to protect soil resources. The programme was also addressed by Mr. C. Pachaiyappan, the Joint Director of Agriculture, Krishnagiri District, who emphasized that farmers can protect soil health and conserve soil resources by using organic fertilizers and green manures in large quantities. He also urged farmers to conduct soil tests before planting crops



and apply only the required fertilizers to conserve soil health and reduce fertilizer costs. Furthermore, he informed farmers about crop insurance schemes. Mr. K. Arivalagan, Assistant Director of Agriculture (Quality Control), delivered a special address stressing that following organic farming practices and applying balanced use of bio-fertilizers and organic inputs can help protect soil resources. Mr. V. Suresh Kumar, Assistant Director of Agriculture for the Krishnagiri block, encouraged farmers to make use of mobile soil testing units available in the agricultural Department.

Mr. K. Gunasekar, Subject Matter Specialist (Soil Science) also spoke about how farmers can protect soil resources

by applying organic fertilizers and green manures in adequate quantities, based on soil tests, and shared technical methods for soil conservation with the farmers. Mr. A. Srikanth, a representative from Coromandel International, provided detailed insights into the use of Nano-DAP fertilizers and Coromandel's organic products. Soil health cards were distributed to 30 farmers during the programme. A total of 55 farmers from villages like Kammampalli, Elumichangiri, and Melkaradikuripatti attended the program





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Tamil Nadu Board of Rural Development, Chennai.

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DDM,

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Mr. V. Suresh,

Senior Scientist and Head (i/c),

ICAR- KVK, Thiruvannamalai

Dr. S. Elangovan,

Regional Joint Director of Animal Husbandry,

Department of Animal Husbandry, Krishnagiri.

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Member

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Member

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Mr. V. Sathivelu, Forest Range Officer, Social Forestry and Extension Division, Krishnagiri.	Member
Mr. T. Jaganath, Director, INDRSETI, Krishnagiri.	Member
Mr. R. Madhu, Executive Engineer, Agricultural Engineering Department, Krishnagiri.	Member
Dr. N. Muniappan, Assistant Professor, Veterinary University Training and Research Centre, TANUVAS, Krishnagiri.	Member
Mr. P. Chinnasamy, Programme officer, All India Radio, Dharmapuri.	Member
Mrs. V. Veeralakshmi, Assistant Inspector of Sericulture, Department of Sericulture, Krishnagiri.	Member
Mr. A. Kalaimani, Farmer member, Farmer Representative, Belavarthi, Krishnagiri.	Member
Thiru. P. Narayana Reddy, Farmer member, Farmer Representative, Alasanatham, Krishnagiri.	Member
Mrs. M. Deepa, Farmer member, Farmer Representative, Jakkapan Nagar, Krishangiri.	Member
Mrs. M. Vijaya, Farmer member, Farmer Representative, Kottaiyoor Krishnagiri.	Member
Mrs. L. Gayathiri, SHG Member, Farmer Representative,	Member

 $Ikundamkot tha palli,\ Krishnagiri.$

Mrs. Sujatha, Entrepreneur,

Manam Oils and Flavours, Periyakottapalli, Krishnagiri.

Mrs. Ranjani Murugan, Entrepreneur, MRS Millet snacks and Pickles, Sembadamuthur, Krishnagiri.

> Dr. T. Sundarraj, Senior Scientist and Head, ICAR- KVK, Krishnagiri

Member

Member

Member Secretary

THE MAJOR RECOMMENDATIONS OF 16th SAC MEETING

KVK may display the schemes available with line departments for awareness of farmers.

More number of Soil samples may be analysed.

Awareness to be created to reduce the indiscriminate usage of pesticides on agricultural and horticultural crops.

Awareness on Mastitis management to be done.

TNAU repellent for wild boar management may be popularised.

Awareness on Azolla Cultivation to be done.

Short duration varieties in Ragi may be popularized.

Popularization of Traditional varieties to be done.

Create awareness on KCC, Uzhavan application. Popularization of mechanization in Agriculture to be done.

Create awareness on Drone technology, Natural/organic farming, KCC, Precision farming, Government schemes and subsidies available to farmers

Training for Nursery management and Bio-products usage may be done.

Forest Schemes may be explained in training programmes.

Mr.S.Ramesh.

The President, TNBRD, Chennai.

Dr. A. Thirumurugan,

Programme Coordinator, ICAR-KVK Vellore.

Dr. N.Tamilselvan,

Professor, Regional Research Station (TNAU), Paiyur.

Mr. C. Pachaiyappan,

JDA, Department of Agriculture, Krishnagiri .

Mr. S. Ramesh,

DDM NABARD, NABARD Cluster Office, Salem.

Mr. V. Sathivelu,

Forest Range Officer,

Social Forestry and Extension Division, Krishnagiri.

KVK may sensitize farmers on Agriculture related loans, NLM, MSME, KCC during the trainings.

Awareness on organic farming in mango to be done.

Training on pest and disease management in mulberry to be done

Training on Mastitis management may be done.

More programmes on season wise problems in Agri and
Horti crops may be given to AIR.
Successful farmers may be identified and given to AIR.
Small voice clippings on technologies related to agriculture and allied sectors may be sent to AIR Dharmapuri.

Trainings on Millet value addition / organic farming / poultry may be given to TGs.

KVK may give awareness to farmers to promote sericulture.

Small machines like seedling planter, weeding machines may be popularized.

Training and demonstration on powder making from Greens, Curry leaf and Moringa may be done.

Training required for Disease management, Nutrient management in Banana.

Mr. T. Jaganath,

Director, INDRSETI, Krishnagiri.

Mr. S. Sivakumar,

Asst. Director of Horticulture, Department of Horticulture, Krishnagiri.

Mrs. V. Veeralakshmi,

Assistant Inspector of Sericulture,

Department of Sericulture, Krishnagiri.

Dr. N. Muniappan,

Asst. Professor. VUTRC, Veterinary University Training and Research Centre, TANUVAS, Krishnagiri.

Mr. P. Chinnasamy,

Programme officer, All India Radio, Dharmapuri.

Mrs. K. Vijayalakshmi,

District Social Welfare Officer, Collectorate.

Mrs. V. Veeralakshmi,

Assistant Inspector of Sericulture,

District Social Welfare Office, Collectorate.

Mr. R. Madhu,

Executive Engineer,

Agricultural Engineering Department, Krishnagiri.

Dr. B. Senthamizh Selvi,

Associate Professor of Horticulture,

Horticultural College & Research Institute, Paiyur.

Mr. A. Kalaimani, Farmer member,

Farmer Representative, Belavarthi, Krishnagiri.

Awareness on Mastitis management in cow.

Awareness on organic farming, Wild boar management required to be done.

Training on packaging for value added products needed

Awareness on E nom to be created during the trainings

Thiru. P. Narayana Reddy, Farmer member, Farmer Representative, Alasanatham, Krishnagiri.

Mrs. M. Deepa, Farmer member,

Farmer Representative, Jakkapan Nagar, Krishangiri.

Mr. K. Kalimuthu,

Deputy Director of Marketing,

Department of Agricultural Marketing, Krishnagiri.



Releasing of Booklet



16 SAC Presentation by SS & Head

Venue

ICAR KVK Krishnagiri

Date

15-02-2024

No. of Participants

27

Chairman of the SAC Meeting

Thiru S. Ramesh,

President, TNBRD, Chennai.

Member from TNAU

Dr. A. Thirumurugan,

Programme Coordinator, KVK Vellore,

Tamil Nadu Agricultural University.

ABOUT US AND PRODUCTS AVAILABLE AT OUR KVK, KRISHNAGIRI

Demo Unit at KVK



KVK Infrastructure



Products available for Sales



About Us

