



# SPARK BULLETIN

Monthly Momentum of Zone - X KVKs

Your guide to the latest news and updates

April 2024



ICAR - Agricultural Technology Application Research  
Institute (ATARI), Zone - X, Hyderabad

&

Directorate of Extension Education  
Tamil Nadu Agricultural University, Coimbatore

# APRIL 2024

## SPARK BULLETIN

Monthly Momentum of Zone - X KVKs

### From DEEs Desk



**TAMIL NADU AGRICULTURAL UNIVERSITY**

**Directorate of Extension Education**

**Dr. P.P. MURUGAN, Ph.D.,**  
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#### Message

Dear Readers,

I take immense pleasure in presenting the April edition of “SPARK BULLETIN” The Monthly Momentum of Zone-X KVKs which exhibits significant extension initiatives of ICAR-KVKs Zone-X.

The latest bulletin features the efforts made by ICAR-KVKs, showcasing their various initiatives such as, successful completion of Annual Action Plan 2024-25 for all the Scientists, SMSs of all 33 KVKs of Tamil Nadu and Pudhucherry, SAC meetings, Participatory Rural Appraisal (PRA), Visit of Agriculture Production Commissioner (APC) to KVK, Trichy, Field days, Workshops for value added fruits, vegetables and millets etc.,

I want to express my sincere thanks to the Director ICAR – ATARI, Zone X Hyderabad for his invaluable guidance and support. I also want to thank the Directors of Extension, Programme Coordinators, and the Senior Scientists & Heads of KVKs for their active contribution and valuable insights in creating this edition. entists of KVKs for their active involvement and insightful contributions for this edition.

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## From the Director, ICAR-ATARI's Desk



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**ICAR-Agricultural Technology Application Research Institute (ATARI)**

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डॉ. शेक एन. मीरा  
**Dr. Shaik N. Meera**  
निदेशक/ Director

## Message

Greetings,

I am delighted to share with you the April 2024 edition of the Spark Bulletin, which highlights a range of significant activities and achievements. This edition covers various training sessions on Integrated Crop Management Technologies, Natural Farming, Bee Keeping Techniques, Small Animal Nutrition and Management, and the Organic Grower program under Recognition of Prior Learning (RPL). Additionally, it features awareness programs on Soil Health Management, the celebration of World Veterinary Day, exposure visits for RHWEF students, diagnostic field visits, and other informative exposure visits.

I extend my compliments to all the scientists of KVKs for their meticulous efforts in preparing the Action Plan for the year 2024-25.

My best wishes to all the Directors of Extension, Programme Coordinators, Senior Scientists, Heads of ICAR-KVKs, and SMSs for their invaluable contributions in enriching this edition of the Spark Bulletin.

(Shaik N. Meera)



### **HRD Training on Management of Horticultural crops at Dr.YSRHU, Andhra Pradesh**



HRD Training on Management of Horticultural crops was organized by Dr. YSR Horticultural University in convergence with ICAR-ATARI-X, Hyderabad under the chairmanship of Dr. E. Karuna Sree, Director of Extension from 24.04.2024 to 25.04.2024 to the Scientists /Subject Matter Specialists from Horticulture and Plant Protection disciplines working in KVKs of Andhra Pradesh. Dr. T. Janakiram Vice-Chancellor Dr. YSRHU participated as chief guest and addressed

about the latest technological interventions in Horticultural crops pertaining to Andhra Pradesh.

Dr. Shaik N. Meera, Director, ICAR-ATARI-X virtually participated as Guest of Honor and addressed the need to focus on impact of Horticultural interventions at KVK level in view of the gaining importance and diversity to this sector. He also entrusted to discuss thoroughly and chalk out a project for working on Drone technology/fertilizers across all the KVKs in Horticultural crops. Dr. L. Naram Naidu, Director of Research, Dr. YSRHU and Dr. K.S.S. Naik, Director of Extension, ANGRAU participated and shared their views for strengthening the Horticultural activities with respect to specific crops in their district. Twenty three participants from Dr. YSRHU, ANGRAU and NGO KVKs were participated in the programme.

### **Review cum Annual Action Plan Workshop (2024-25) of KVKs of Tamil Nadu and Puducherry**

The Directorate of Extension Education, TNAU along with ICAR - ATARI, Zone X, Hyderabad conducted the Review cum Annual Action Plan Workshop (2024-25) of KVKs of Tamil Nadu and Puducherry on 26<sup>th</sup> and 27<sup>th</sup> of April 2024. The event culminated the activities of KVKs for the last year with annual review followed by presentations of Heads of KVKs to finalize the Annual Action Plan for the year 2024-25. Dr. P. P. Murugan, Director of Extension Education, TNAU, Dr. V. Apparao, Director of Extension Education, TANUVAS, Dr. K. Veerabhadran, Director of Extension Education, TNJFU, Dr. A.R Reddy, Principal Scientist, Zone X ATARI and Dr. A. Baskaran, Principal Scientist, Zone X ATARI facilitated the programme.



Dr. V. Geethalakshmi, Vice-Chancellor, TNAU graced the valedictory. A total of 193 scientists from ICAR – KVKs of Tamil Nadu and Puducherry participated and a total of 287 OFTs, 468 FLDs and 40 Extension Studies were presented during the workshop.



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### » ICAR - KVK, Ariyalur, Tamil Nadu

#### Stake Holders Meet

ICAR-KVK, Ariyalur organized Stake Holders Meet at ADA Office, WalagaNagaram, Ariyalur on 10.04.2024. Dr.G.Alagukannan, Senior Scientist and Head gave welcome address and narrated about



the aim of the meeting. Officials from Departments of Agriculture, Horticulture, Animal Husbandry, Sericulture, Fishery, Agricultural Engineering, Mahalir Thittam, Forestry offered valuable suggestions for preparation of KVK Annual Action Plan 2024-25. After the discussion, KVK Scientists prioritized the problems along with line Department officials.

### » ICAR - KVK, Coimbatore, Tamil Nadu

#### ICAR KVK - Agri Business School(ABS)

ICAR KVK - Agri Business School (ABS) implemented hands on training to scheduled caste women Self Help Group (SHG) on the use of an Oil extraction unit and Areca plate production unit etc.

The KVK has already developed 32 Brands, owned by 28 Entrepreneurs. The SHG were advised to utilize the "KVK City Centre" for sale of their products.



### » ICAR - KVK, Cuddalore, Tamil Nadu

#### Diagnostic field visit to phyllody affected sesame field

KVK Cuddalore jointly with line department officials, conducted a field visit to Kuruvappampettai Village in Kurunjipadi block on 29.04.2024 to assess the status of sesame crops spanning approximately 3000 acres in the region, which were flourishing and entering the crucial flowering stage. The team diagnosed phyllody disease and advised appropriate management measures.





APRIL 2024

### ➤ ICAR - KVK, Dharmapuri, Tamil Nadu Diagnostic Field Visit



Field diagnostic visit was conducted in the citrus field at Damodarhalli village of Karimangalam block in Dharmapuri district on 24.04.2024 jointly with KVK and line departments officials. The incidence of dieback, micronutrient deficiency, black aphids and leaf miner symptoms were observed and pruning of dried twigs and spraying of copper oxychloride @ 0.3% or carbendazim @ 0.1% was recommended at monthly intervals to reduce the spread of disease.

Acetamiprid 20% SP @ 1 gram per litre was recommended for management of sucking pests. In addition, application of recommended dose of fertilizers, micro nutrient mixtures and proper irrigation facilities were recommended to recover the citrus field.

### ➤ ICAR - KVK, Dindigul, Tamil Nadu Training on Integrated Crop Management Technologies for Papaya and Teak

ICAR - KVK, Dindigul conducted comprehensive training for the farmers in Samiyarpatty Village, Athoor Block on 02.04.2024 for 12 farmers. The training covered important agricultural practices including Micro-Irrigation Systems, Integrated Crop Management Techniques for Papaya, and Pruning Technologies for Teak. Farmers were educated on the Design and Maintenance of Drip Irrigation for Papaya.



Technical sessions were handled on Integrated Crop Management, focusing on Water Management and Integrated Pest, Weed and Nutrient Management. The farmers were sensitized on Pruning Techniques for Teak Trees for maintaining the health and productivity of teak plantations.

### ➤ ICAR - KVK, Salem, Tamil Nadu Diagnostic Field visit

A Diagnostic Field visit was made on 29.04.2024 at Karupur village to diagnose the problem in acid lime. While inspecting the diseased field, it was observed that the trees were infected by gummosis and die back diseases due to lack of pruning and poor field management.

The farmer was advised to do pruning at appropriate time and also to remove the deceased twigs and branches to avoid further spread of the disease. The pruned parts were applied with copper sulphate (Bordeaux mixture) to avoid secondary infection. The farmer was also recommended to apply vermicompost along with bacillus subtilis as soil application to avoid the soil borne disease incidence and spread.



## » ICAR - KVK, Erode, Tamil Nadu

### Skill Training on Organic Grower under Recognition of Prior Learning (RPL) - ASCI

ICAR-KVK, MYRADA, Erode District organized Training programme on organic grower under Recognition of Prior Learning (RPL) - ASCI on 29.04.2024 to 30.04.2024 at KVK Premises. Dr. P.Alagesan



spoke on Importance of ASCI training programme on Organic Grower under RPL. He briefed the skill training conducted by KVK since last 5 years on various subjects namely Organic Grower and Vermicompost Production.

These programmes helped many farmers to adopt organic farming techniques, utilization of farm resources to manage the soil fertility and reducing the cultivation cost. Mr.P.Pachiappan, SMS (Horticulture) handled technical session on Organic Farming Practices including Soil Health Management, Water Management, Green Manure, Green Leaf Manure, Integrated Pest Management, Integrated Disease Management, Intercropping System etc.

## » ICAR - KVK, Kancheepuram, Tamil Nadu

### Two days training on Natural Farming Techniques

ICAR - KVK, Kancheepuram conducted two days training on Natural Farming techniques at KVK, Kattupakkam, Chengalpattu district for 40 farmers. Technical sessions were handled on Importance of Natural farming, Soil enhancements through Natural farming techniques, Input preparation, Pest and Disease management practices, Traditional crop varieties and Beekeeping techniques.



Th. Jayachandran, Natural farming practising farmers acted as resource person and Th.Vasanthakumar explained about the Role of Bees in Natural Farming. Demonstration on Input preparation, Vermiculite and trap installation at KVK demo unit were carried out.



## ➤ ICAR - KVK, Kanniyakumari, Tamil Nadu Participatory Rural Appraisal (PRA) organized by ICAR-KVK, Kanyakumari

ICAR - KVK, Kanyakumari organized Participatory Rural Appraisal (PRA) on 08.04.2024 at Perumselvavilai village of Rajakamangalam block for 28 farmers and 6 RAWE students of V.O.C. AC&RI, TNAU, Killikulam participated in the PRA. The techniques adopted were social mapping, resource mapping, farmer's group discussion and trend analysis. The farmers' problems were identified and prioritized.



The identified problems were proposed for the technology assessments, demonstrations, trainings and other extension activities of KVK during the current year (2024-25).

## ➤ ICAR - KVK, Karur, Tamil Nadu Farm School

ICAR KVK, Karur organized the inaugural programme of the 13 episodes Farm School on All India Radio on Moringa Cultivation techniques in association with AIR, Trichy for Progressive farmers from Karur and Trichy. Dr.K.Padmadevi, Assistant professor (Horticulture), Agricultural College & Research Institute, Karur and Dr. K. R. Vijayalatha, Assistant Professor (Horticulture), Horticultural College & Research Institute for Women, Trichy were participated and delivered lectures on 24.04.2024



Dr. J. Diraviam, Senior Scientist and Head, spoke on the importance of farm school and scope in Moringa Cultivation. Dr.P.TamilSelvi, SMS (Agrl. Extension), Mr.P.Kaviyarasu, SMS (Horticulture) and Mr.Johnson, Programme executive were facilitated the programme arrangements.

## ➤ ICAR - KVK, Namakkal, Tamil Nadu Exposure Visit to Theni GIFT Tilapia fish seed production hatchery and fish farm of TSP Scheme -2023-2024

ICAR-KVK, Namakkal is undertaking fisheries based livelihood development interventions for the TSP fisher families in Kolli hills taluk of Namakkal district. A batch of 25 beneficiaries visited GIFT Tilapia seed production and Farm stations of Department of Fisheries Manjalar dam, Theni (District) on 28.12.2023 and 29.12.2023.



They were given on-farm training and demonstration at fish seed stocking, GIFT Tilapia hatcheries, live feed preparation, Feed mill and ongoing fish farming demonstrations. Later at Vaigai dam headquarters an interaction meeting was organized and farm inputs like fish seeds, training certificates were distributed to them. Assistant Director of Fisheries, Department of Fisheries, Vaigai Dam interacted with the TSP beneficiaries and appreciated their sincere efforts shown towards the adoption of fish farming interventions. Dr. S. Paulpandi, Assistant Professor (Fisheries) TSP CoPI, convened this programme.



## » ICAR - KVK, Krishnagiri, Tamil Nadu

### Monthly Zonal Workshop Meeting and Pre-Kharif meeting

The Monthly Zonal Workshop and Pre-Kharif meeting were jointly organized by the KVK and Department of Agriculture at Regional Institute of Rural Development, KRP Dam, Krishnagiri on 25.04.2024 for 97 Department officials.



The Senior Scientist and Head gave a talk 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.

## » ICAR - KVK, Madurai, Tamil Nadu

### Training on bee keeping

ICAR-KVK, Madurai organized one day paid training programme about Bee Keeping on 10.04.2024 at KVK campus for 13 rural youth and certificate were distributed to participants. Dr.K. Suresh, SMS (Plant Protection) handled technical session on Identification of Honey Bee species, Methods of Hive Inspection, Bee Keeping Equipments and their uses, Pests and Diseases of Honey Bee and Management and collection and extraction of honey from hive bees. He explained about the importance on honey, wax, pollen, royal jelly.



Dr. J. Selvi, SMS (Home Science) handled technical session on preparation of value added products from Honey and Hands on training was imparted to the trainees on identification of different bees like queen, worker and drone and handling of bee colonies.

## ➤ ICAR - KVK, Nagapattinam, Tamil Nadu

### 11<sup>th</sup> Scientific Advisory Committee Meeting of KVK, Nagapattinam

11<sup>th</sup> SAC meeting was conducted at KVK, Nagapattinam on 24.04.2024. Prof. Dr. N. Felix, Vice-Chancellor, TNJFU, Nagapattinam cum Chairman of SAC inaugurated the programme and released reports on "Overall achievement of KVK for the year 2023-24 and technological Products namely Panchakavya and Plankton Mix and handed over the keys of newly purchased tractors



to Programme Coordinator in the presence of Dr.K.Veerabhadran, DEE, TNJFU.

Earlier, Dr. A. Gopalakannan, Programme Coordinator KVK, Nagapattinam presented the action taken report on the recommendation of the previous SAC meeting and overall achievements of KVK activities carried out during the year 2023-24.

## ➤ ICAR - KVK, Perambalur, Tamil Nadu

### Participatory Rural Appraisal

KVK, Prambalur conducted Participatory Rural Appraisal (PRA) programme at Poonagaram and Ladapuram village of Perambalur district. During PRA, KVK scientists interacted with the farmers and identified the problems and needs related to Agriculture, Horticulture, Pest and Disease and Animal Husbandry disciplines.

Lack of improved and recent varieties in Groundnut, Paddy, Blackgram, Greengram, Tuberose, Tapioca, Chilli, Tomato, Small Onion and Brinjal, lack of knowledge about INM practices, dry land technologies, soil conservation practices, unaware about IPDM packages for the major pest and disease incidence in Agriculture and Horticulture crops, Lack of awareness about importance of mineral mixture requirement for Goat and Cow in mulching, Lack of knowledge about vaccination schedule, scientific breeding, feeding and disease management were identified and discussed.



## ➤ ICAR - KVK, Pudukkottai, Tamil Nadu

### Organic Farming Training



ICAR-KVK, Pudukkottai has organized off campus training on Organic farming at Avur village of Viralmalai block, Pudukkottai district on 24.04.2024 for 30 farmer beneficiaries. Dr.A.Alagesan, SMS (Agronomy) has delivered technical session on "Organic Crop Production Technology" to the participants and explained about various organic inputs preparation.

## ➤ ICAR - KVK, Ramanathapuram, Tamil Nadu

### Need Assessment of Farmers for Ensuing Cropping Season

ICAR - KVK, Ramanathapuram has prioritized needs, preferences in agriculture using different tools for assessing mode of interventions for ensuing season by involving the stakeholders of adopted village. The outcome of prioritized issues was included as interventions for the year.

The interventions focused on adoption of short duration fine variety to face the issues of El Nino, technologies to overcome the issues of dry land agriculture, technologies of IPM, INM and ICM to maintain environmental safety and sustainability, technological advisories for continuing adoption of recommended technologies, supply of necessary critical inputs to showcase the impact of intervention by seeing is believing concepts, avenues for availing market, financial knowledge and making better marketability of farm produce and deciding subsidiary activities to ensure the income and employability during off season.





## » ICAR - KVK, Sivagangai, Tamil Nadu

### District Collector of Sivaganga visited KVK Farm Pond



KVK, Sivaganga conducted a Demonstration of stunted fish fingerlings in farm pond of KVK adopted farmer, Th. N. Tamilarasan, Kandramanickam village, Tirupattur Block. The cultured fish was harvested on 26.04.2024 35 farmer and rural youth were participated in the event and Tmt. Asha Ajith, I.A.S. District Collector visited the fish harvest in farm pond and interacted with the fish farmer about his journey towards success.

She appreciated and encouraged the role of fish in food security and empowering the rural communities.

The demonstration showcased bountiful fish harvest, which was sold to the public on spot @ Rs. 200 / Kg. Dr. M. Alagappan, the nodal scientist of this demonstration explained the viability of stunted fish fingerlings in farm pond for the livelihood upliftment of farming community in the district.

## » ICAR - KVK, The Nilgiris, Tamil Nadu

### Awareness on Drudgery reduction on the use of farm implements

An awareness training on drudgery reduction using farm implements was organised at KVK, Ooty, The Nilgiris. In this programme, 40 beekeepers participated and benefited. The scientists explained about the importance of pepper thresher, efficiency, advantages in reducing time and human resources.



## » ICAR - KVK, Theni Tamil Nadu

### RPL Training programme on Bee Keeping

ICAR - KVK, Theni and RKVY Recognition of Prior Learning (RPL) training Programme on Beekeeper Conducted Skill Training on Bee keeping involving five-step RPL process from 03.04.2024 to 05.04.2024 at KVK premises.

Mr.P.Maheswaran, Programme Coordinator (i/c) participated and gave a talk on importance of bee keeping in Agriculture and sustainable livelihood. S. J. R. K. Dhas, Executive, State Bee keeping Extension Centre, KVIC, Kuzhithurai-West, Kanyakumari District was handled the technical session on Beekeeping Techniques. A success story was shared on the importance of Beekeeping by Mr.T.K.Raju, High range Beekeeping Unit, Idukki District, Kerala. An exposure visit was arranged to the Bee-farm and honey processing Plant by Mrs. M. Ramyasivaselvi, SMS (Home Science), KVK Theni.



## » ICAR - KVK, Thoothukudi, Tamil Nadu

### Skill Training for Rural Youth on “Value Addition in Seaweed”



ICAR – SCAD, KVK Thoothukudi organized Off campus training programme on value addition in Seaweed on 06.04.2024 at Mullakadu of Thoothukudi District for 16 rural youth participants. The technical session was handled on post-harvest technologies, preservation techniques and nutritional and medicinal values of dehydrated seaweed. Hands on experience was implemented to prepare seaweed millet cookies and the sensory

quality analysis of seaweed incorporated millet cookies.

The beneficiaries were trained on the importance of seaweed millet cookies and the associated nutritive and medicinal values. Scientists explained about the machineries and marketing facilities available at EDII - Marine Products Business Incubation Forum, FC&RI, Thoothukudi.

## » ICAR - KVK, Trichy, Tamil Nadu

### Agricultural Production Commissioner visit to KVK

Respected, Selvi Apoorva, IAS, Agricultural Production Commissioner and Principal Secretary to Government visited KVK, Trichy on 15.04.2024 and reviewed the action of KVK. The Agricultural Production Commissioner witnessed the exhibition stalls and planting of tree saplings.

Besides, successful entrepreneurs who received training from KVK showcased their goods and products in the exhibition on sugarcane, betel vine varieties, chip bud technologies, TNAU Crop Boosters, which included Sugarcane Booster and RAWE Students of M.S.Swaminathan Agricultural College & Research Institute, displayed their models on cutting-edge technologies. The Programme Coordinator presented the activities of KVK and released the literature on soil testing and sugarcane booster together with the yellow bag for insisting on an environmentally friendly lifestyle.



## ➤ ICAR - KVK, Tirunelveli, Tamil Nadu

### Bee Keeping Techniques



RVSKVK Tirunelveli Conducted ASCI Training on Bee keeping techniques from 23.04.2024 to 25.04.2024 at KVK campus for 40 farmers. The two days training comprised of sessions viz., importance of apiculture in agriculture, Types of Bees, Site selection for Apiary, Maintaining Bee Colonies, Pests and diseases in honeybees. Farmers were exposed to honey extraction process.

They were also trained on entrepreneurial aspects by providing insights of preparing value added products from honey. To enable them to market their products, they were also briefed on FSSAI

## ➤ ICAR - KVK, Tiruppur, Tamil Nadu

### Scientific Beekeeping

Scientist of KVK conducted inspection of Indian bee hives at farmer's field at Madhappur, Krishnapuram, Pongalur block on 05.04.2024 for 30 beneficiaries (Bee entrepreneurs – 2 persons).

Demonstration on extraction of honey using TNAU Receptacle spun honey extractor. Instructions were given to the farmers for up keeping of hives such as the use of ant proofing, removal of per combs, use of queen excluder, cleaning of floorboard etc.



## ➤ ICAR - KVK, Thiruvarur, Tamil Nadu

### KVK - NABARD visit to Demonstration unit on Traditional storage of Rice

ICAR - KVK, Needamangalam with NABARD officials visited the demonstration on traditional storage of Rice. Mr. Vishwanthkanna (District Development Manager), NABARD explained about activities of NABARD. The demonstration was done by Mr. Janakiraman and Mr. Bharathimani. The structure was done with the help of straw and dung which is available in the farm on free of cost. More over this structure is resilient to extreme climatic conditions and can be stored upto 6 months without attack of pests and diseases.





## ➤ ICAR - KVK, Tiruvallur, Tamil Nadu

### Field visit to FLD on Rice TKM 15 and Rice ASD 21



KVK, Tiruvallur organized visit to front line demonstration unit on paddy TKM 15 and ASD 21 on 08.04.2024 at Sirugumi, village of Tiruthani district for 15 farmers. The critical parameters like productive tillers, grains per panicle, pest and disease incidence were recorded.

Dr. S. Banumathy, Programme Coordinator, KVK, Tiruvallur explained about the varietal characteristics and yield potential of

TKM 15 and ASD21. Dr. V. A. Vijayashanthi, SMS (Entomology) gave a talk on the integrated pest management techniques in paddy cultivation. Dr. P. Yogameenakshi, Associate Prof. (PBG), RRS, Tirupur spoke on the grain quality characters of the varieties TKM 15 and ASD 21.

## ➤ ICAR - KVK, Thiruvannamalai, Tamil Nadu

### Field Day on Brinjal VRM (Br) 2 under FLD

ICAR KVK, Thiruvannamalai organized a Field day on Brinjal under FLD during Rabi 2023-24 in Amudhur village, Vandavasi block on 22.04.2024 for 18 progressive farmers and Mr. S. Bhaskar, Assistant Horticulture Officer participated in the programme. Shri. V. Suresh, Senior Scientist and Head spoke delivered talk on Brinjal cultivation and yield improvement strategies.



Mr. R. Vijayakumar, SMS Horticulture delivered talk on ICM in Brinjal and discussed about the performance of Brinjal variety VRM (Br) 2 in the region. Mr. P. Munusamy, a progressive farmer of the demonstration had shared his experience on cultivating Brinjal variety and its yield potential.

## » ICAR - KVK, Vellore, Tamil Nadu

### Summer Management of Dairy cattle under SC SP Non recurring



ICAR- KVK Vellore organized training on Summer Management of dairy cattle under SC SP Non recurring on 24.04.2024 for 95 farmers. Dr. A. Thirumurugan, Programme Coordinator, KVK, Vellore participated in the training. Dr.M.Ramasamy, SMS (V&AS) had explained about Summer Management of dairy cattle to maintain and increase the milk production and also explained about feeding schedule and feed ingredients to enhance milk production.

Dr. J. Ejilane, SMS (Agri.Micro.) gave a talk on the benefits of Azolla in Cattle and Poultry. Dr. M. Paramasivam, SMS (SS&AC) explained about Misting and Fogging of water in the micro environment of the animal at least thrice in a hour along with provision of fan is useful in hot dry weather. The inputs, Cow mat, Azolla bag and milk cane were distributed to the SC farmer of all blocks of Vellore district.

## » ICAR - KVK, Villupuram 1, Tamil Nadu

### Workshop on "Opportunities for export of value added fruits, vegetables and millets"

ICAR-KVK, Tindivanam conducted Workshop on "Opportunities for export of value added fruits, vegetables and millets" on 07.04.2024 for 122 farmers. The Programme Coordinator, ICAR-KVK, Tindivanam participated in the workshop.

Smt. Shobana Kumar, Regional Head, APEDA TN Regional office, Chennai presided over the meeting and delivered talk on "Opportunities for export of processed fruits, vegetables and millets". Shri. Thalapaty Ramkumar, ITS, Deputy DGFT, Director General of Foreign Trade, Chennai spoke on "Export and import of fresh and processed products". Shri. K.Balamurugan, Deputy General Manager (DD), NABARD, Puducherry cluster spoke on "Role of NABARD in entrepreneurship development".





## » ICAR - KVK, Villupuram 2, Tamil Nadu

### Impactful Interventions -Desi chicken & Japanese Quail Distribution



KVK, Kallakurichi distributed 50 one month old Aseel chicks, 15 kg desi chicken grower feed, 2 feeders and 2 waterers to 50 beneficiaries and 75 layer quails, 15 kg layer quail feed, 3 feeder and 3 waterer to 25 beneficiaries under Impactful interventions programme. One day orientation training was conducted to the beneficiaries before distribution. Japanese quails laying at the rate of 30 - 45 eggs per day in each unit.

The farmers are selling quail eggs at the rate of Rs.5/egg at local shandies. The farmers earning Rs.4,500 to Rs. 6,750/- per month through sale of quail eggs farm each unit. Two farmers were incubated the quail eggs and chicks hatchability were 60 - 70 %. The quail farmers will be able to sell quail chicks at the rate of Rs. 10 per chick. Aseel chicken achieved 750- 850 g body weight at 65 days of age in distributed units.

## » ICAR - KVK, Virudhunagar, Tamil Nadu

### Designatory Expert training organized by KVK, Virudhunagar

Designatory Expert training for Block Technology Managers (BTMs) and Assistant Technology Managers (ATMs) was organized under ATMA SSEPERS on 18.04.2024 at the office of Joint Director of Agriculture, Virudhunagar in which around 50 BTMs and ATMs were benefited. Dr. ChelviRamessh, Programme Co-ordinator, KVK, Virudhunagar handled technical session on water harvesting and management techniques in Agriculture.



Water saving technologies being practiced at KVK, Virudhunagar such as multitier cropping system, maintenance of farm pond, planting of palm trees and vetiver around the farm pond, crop residue mulching, micro irrigation systems and cultivating less water consuming crops were explained in detail during the training.

## ANDHRA PRADESH

## » ICAR - KVK, Ananthapuram 1, Andhra Pradesh

## ICAR - KVK, Ananthapuram 1, Andhra Pradesh

KVK, Ananthapuram 1 conducted a training programme on Eco-friendly pest management on citrus and vegetables on 18.4.2024 at Pinnadari village, Tadimarri Mandal Sri Sathya Sai district. Management practices of Citrus Gummosis and Dry root rot in Citrus Psyllid in Citrus, Stem borer in Rice and Rhizome rot in Banana was taught.



## » ICAR - KVK, Ananthapuram 2, Andhra Pradesh

## Training programme on Small animal Nutrition and Management



Training programme on Small Animal Nutrition Management was organized by RDT, Kalyandurg. Dr. M. Harani, SMS (Veterinary) delivered lecture on small sheep and goat disease management, seasonal vaccination and timely deworming for the sheep and goat. Advised to give enterotoxemia vaccine to sheep and Feed composition for lambs and pregnant ewes was taught to maintain balanced nutrition during summer.

## » ICAR - KVK, Chittoor 1, Andhra Pradesh

## Skill Training Programme on small mushroom growers under RPL

RASS -KVK organized three days skill training Programme on "Small Mushroom growers" under Recognition of Prior Learning (RPL) with the support of ASCI, New Delhi from 24.04.2024 to 26.04.2024. Dr. S. Sreenivasulu, Senior Scientist and Head explained about the activities of KVK towards different consumers of the society, the scope of mushroom production as small scale income generation nutritional composition and importance of mushroom in human diet.



Dr. A.B.Srilatha, SMS, Home Science explained about different types of mushrooms, suitable conditions to establish mushroom production unit, tips to grow healthy and quality mushrooms, spawn and bed preparation, harvesting, packing and marketing of mushrooms and Hands on training on mushroom production.



## ➤ ICAR - KVK, Chittoor 2, Andhra Pradesh

### ZREAC meeting at ARS Nellore

Dr. G. S. Panduranga, Programme Coordinator along with SMS's and farmers of Annamayya District participated in ZREAC meeting at ARS Nellore on 15.04.2024 to 16.04.2024 and discussed about Research and Extension gaps in Agriculture with the farmers and the ways to shorten it.



## ➤ ICAR - KVK, East Godavari 1, Andhra Pradesh

### School Soil Health Programme



ICAR-KVK, Kalavacharla collaborated with ATMA-East Godavari organized School Soil Health Programme at Kendriya Vidyalaya, Rajamahendravaram as a part of Government of India Project on School Soil Health Programme in 49 Schools (Kendriya Vidyalaya, Navodaya Vidyalayas and Ekalavya Model Residential Schools) and 200 students participated on the programme. The selected students will be trained in collection of soil samples in

farmers' fields of various Mandals of the district.

The main objective of School Soil Health Programme is - "Children need to be aware of the Soil Health so that they can become the brand ambassadors and spread the message to the stakeholders - especially to farmers".

## ➤ ICAR - KVK, East Godavari 2, Andhra Pradesh

### NFDB sponsored training programme on Breeding Technologies in Fishes

Training programme on Breeding Technologies in Murrel and Carps was organised from 23.04.2024 to 27.04.2024 for Resource persons from various universities, research stations, colleges and KVKs. Dr. P.Lalitha Kameswari, Principal Scientist and Head, discussed about the various initiatives and importance of fish breeding in hatchery system and, importance of fish breeding for seed production.



K. Veeranjanyulu, Scientist (Fisheries) explained the need for species diversification and various breeding methods, technologies in seed production. Technical sessions were held on induced breeding techniques, hypophysation methods, seed production, hatchery management, caring brood fish, nursery rearing and grow out culture techniques of murrel and carps etc.

## ➤ ICAR - KVK, Guntur, Andhra Pradesh

### Training programme on special project on cotton

Training programme on closer spacing of cotton under special project on cotton was organised at KVK, Guntur for 96 farmers. The Principal Scientist and Head, explained the farmers on benefits of closer spacing of cotton for curtailing excessive growth and retaining first stage pods. Demonstration on soil sample collection and cotton shedder at KVK, Guntur were alone.



Dr. Rosaiah, Technical Officer, Nuziveedu Seed Dr. Venkatalakshmi senior Scientist, Cotton RARS Lam Guntur, Dr. M. Ganga Devi, Senior Scientist Agronomy, Dr. Ch. Anil Kumar, Scientist Plant Protection and Sri Sesha Talapanur Sai, Cotton Project Coordinator, Nuziveedu Seeds, YPS facilitated the programme.



## ➤ ICAR - KVK, Kadapa 1, Andhra Pradesh

### Capacity building programme to extension functionaries

KVK, Utukur and ATMA, Kadapa conducted "Training programme to extension functionaries of Muddanur Division for 45 farmers. Hands on training of Importance of summer ploughing and Agricultural practices to be practiced in summer and management practices in citrus and sweet orange in summer.

Dr. A. Veeraiah, PC, KVK, Utukur, explained about activities to be taken in summer months. Dr. K. Sai Maheswari SMS (Crop Production) and Dr. S. Manasa SMS (Horticulture), Dr. Vijaya Lakshmi, PD, ATMA, Dr. Padamalatha, DPD, ATMA, Dr. Anakaih Kumar, Coordinator, DAATTC, Utukur, ADA, AO's, AEO's and VAA's of Muddanur division facilitated the programme.



## ➤ ICAR - KVK, Kadapa 2, Andhra Pradesh

### Exposure visit to RHWEP students



Dr. M. Balakrishna, Senior Scientist and Head, KVK, Vonipenta and Dr. N. Srividya Rani, Scientist (Extension) conducted an exposure visit on 26.04.2024 for 16 RHWEP students to Banana Cluster development centre and Integrated pack house system. Sri Subahan garu, Cluster development executive explained about flour making unit, fibre extraction unit and use of solar polydrier. Visited integrated pack house centre and observed cold storage units, pre-cooling chambers, cleaning, packing and grading units for Banana and Sweet Orange.

Visited BRS, Pulivendula and pathology lab and learnt about trials on Physiology, Horticulture and Entomology aspects.



## ➤ ICAR - KVK, Krishna 1, Andhra Pradesh

### Establishment of Low cost farmer friendly Azolla Units



Pallagiri village of Nandigama mandal, NTR district, Andhra Pradesh has got more than three thousand cattle population and buffaloes which are the main source of income to the poor and marginal farmers. Nearly 80% of the cultivable land comes under rain fed situation. Hence, farmers are facing difficulty in feeding cattle during summer months as there is shortage of fodder. Keeping this in view, Dr.K.L.Rao KVK, Garikapadu took initiative to establish low cost

azolla units at farm level.

Farmers are willing to produce azolla at their farm. Azolla was supplied to the farmers and guided for establishing Azolla unit. This initiative will be useful in providing not only protein supplement but also feed to the cattle, so that milk yield reduction during summer months can be avoided.

## ➤ ICAR - KVK, Kurnool 1, Andhra Pradesh

### Workshop on Conservation in Agriculture

ICAR - KVK, Kurnool 1, Organized workshop on Conservation in agriculture for popularizing conservation agriculture practices in rain fed situations across Nandyal district, Under the umbrella of Consortium Research Platform (CRP) on Conservation Agriculture (CA) of ICAR-CRIDA, Hyderabad. Dr. G. Dhanalakshmi, (SS&H), spoke on concepts of conservation agriculture, which includes crop rotation, maintaining cover crops throughout the year, and crop residues incorporation to conserve water, soil and environment. Technical sessions were held on the need for adoption of cost effective resource conservation technologies, including minimum tillage, rainwater harvesting structures, contour farming and micro-irrigation systems.



## » ICAR - KVK, Kurnool 2, Andhra Pradesh

### PRA techniques by the RAWEP students and farmers



KVK, Banavasi collected Preliminary Data of the adopted villages under KVK and conducted PRA techniques (Social map, Venn diagram, Mobility map, Transect walk, Matrix ranking etc.) by the RAWEP students and farmers at Pilligundla, Errabadu, villages of Gonagandla mandal and Halaharvi village of Nandavaram mandal on 04.04.2024.

## » ICAR - KVK, Nellore 1, Andhra Pradesh

### ZREAC - 2024 meeting at ARS Nellore

Zonal Research and Extension Advisory Council Meeting organized at Agricultural Research station Nellore on 15.04.2024 -16.04.2024. The Programme Coordinator and Staff participated in ZREAC meeting at ARS Nellore. Dr. D. Vijay Kumar Naik, SMS (Plant Protection) wrote a pamphlet on Integrated Crop management practices in Sesame which was released at ZREAC-2024, ARS Nellore. The pamphlet was written under CFLD-oil seed programme, 2023-24.



## » ICAR - KVK, Nellore 2, Andhra Pradesh

### Field Day - Groundnut (Visishta)

Dr.YSRHU-KVK, Periyavaram conducted field day under CFLD Oilseeds programme with Groundnut variety (Visishta) on 16.04.2024 in Periyavaram (V), Venkatagiri (M), Tirupati Dist and explained about the importance of the variety to the farmers.

Dr.B.GovindaRajulu, Principal Scientist and Head, KVK, Periyavaram, Smt.A.Sujatha, Mandal Agriculture Officer, Venkatagiri, Dr.P.Nagarjuna Reddy, Scientist (Agril. Extension), Dr.B.Vijayasree, Scientist (Home Science), Dr. D. Thirupal, Scientist (Horticulture) and RHWEF students were participated in the programme.





## » ICAR - KVK, Prakasam 1, Andhra Pradesh

### Training Programme on Fodder Production and Feeding of dairy animals

Conducted a training programme on "Fodder production and feeding of dairy animals" was held at six different villages of Prakasam to the dairy farmers of Prakasam district under the Interventions for Research Contingency for Impactful outcomes in priority areas to enhance the visibility".



Dr.N.Leela Krishna, SMS (Veterinary), KVK, Darsi explained about importance of green fodder production in dairy farming and different fodders suitable for different areas and their production, productivity and low cost feeding of dairy animals to enhance the productivity of animals.

## » ICAR - KVK, Prakasam 2, Andhra Pradesh

### Diagnostic field visit

KVK, Kandukur organized joint diagnostic field visit to problematic cotton crop in Chenchureddy palem village of Gudluru mandal and diagnosed wilt disease and provided remedial measures to farmers and also to print and electronic media for taking control measures. Also provided IPM technology to farmers to control Pink Boll Worm in cotton.



## » ICAR - KVK, Sirkakulam, Andhra Pradesh

### Field Day Harvest Hungama in Maize

KVK-Amadalavalasa, Srikakulam conducted Field Day on Harvest Hungama in Maize during 27.04.2024 at peddasavalapuram, sarubujili for 50 farmers. Dr. K. Bhagya Lakshmi, PC, Dr. S. Neelaveni, SMS Extension, Dr S Anusha SMS Plant protection in collaboration with Dr.Reddy's Foundation facilitated the programme.





## ➤ ICAR - KVK, Vishakapatnam 1, Andhra Pradesh

### Field day in Groundnut



BCT-KVK organized cluster frontline demonstrations in Groundnut across 20 hectares involving 50 farmers. They showcased TCGS1694, a high-yielding variety, coupled with Integrated Crop Management practices. These included Tebuconazole seed treatment for collar rot control, line sowing with ferti-cum-seed drill, Pendimethalin as pre-emergence herbicide and Gypsum application at flowering.

## ➤ ICAR - KVK, Vishakapatnam 2, Andhra Pradesh

### Training programme on natural farming

ICAR - KVK, Vishakapatnam 2 conducted training programme on natural farming at Paderu, Sirasapalli and Pedabayalu villages at Alluri sitaramaraju district. The scientists explained about the preparation of Jivamrutham, Bijamrutham and their application dosage to the farmers. Field evaluation for pest and diseases was made in farmers field as the part of the training programme.



## ➤ ICAR - KVK, Vizianagaram, Andhra Pradesh

### Awareness programme on Soil Health Management

Awareness programme on Soil Health Management under Pilot project on School Soil Health Programme at Ekalavya Residential school, Y S Valasa, Makkuva on 06.04.2024 for around 210 school students and created awareness about importance of soil testing, soil sampling method, sustainable agricultural practices and soil test based fertilizer application.



## ➤ ICAR - KVK, West Godavari 1, Andhra Pradesh

### Skill development training programme



Final year B.Sc. (Aqua) & BSc. (CBZ) students have undergone semester long internship programme at KVK, Undi. They were trained on different aspects of Agriculture and Aquaculture production technologies.

They were given hands on training about paddy seed production, soil and water management in fish culture, Bee keeping, planting material production under shade net etc. The programme was concluded on 30.04.2024.

## ➤ ICAR - KVK, West Godavari 2, Andhra Pradesh

### Drone Demonstrations for field operations

Dr. YSRHU - KVK, Venkata ramannagudem organized the demonstrations on use of agriculture drone for various spray activities in the mandals of Jeelugumilli, Nallajerla, Tadepalligudem and Buttayigudem. Forty demonstrations were conducted on "Spray of KNO<sub>3</sub> on Cashew crop, twenty demonstrations were conducted for spraying of Fungicide (Hexaconazole 5% SC) on Black gram for disease management.



Also, conducted ten demonstrations on watermelon and other vegetables with spraying of Chlorantraniliprole 18.5% w/w, an Broad Spectrum insecticide in the form of a suspension concentrate, which is particularly active on Lepidopteran insect pests, primarily as a larvicide. These demonstrations captured attention of the farmers and created an enthusiastic approach towards use of agriculture drone for various spray activities. Dr. E. Karuna Sree, Principal Scientist & Head and Dr. M Raghavendra Reddy, Scientist (SS&AC), coordinated these demonstrations.



## TELENGANA

## ➤ ICAR - KVK, Adilabad, Telangana

## FLD on Value addition vegetables through solar drying



KVK, Adilabad has conducted FLD on promotion of value addition to vegetables through solar drying. This process preserves the vegetables' nutrients and extends their shelf life. The women explained how to dry vegetables and add value to it through solar energy.

These products also help in creating an additional income. Value-added vegetable products were provided to the tribal women beneficiaries under TSP 2023-24.

## ➤ ICAR - KVK, Medak 1, Telangana

## Pre-Kharif Organic Farming Trainings by DDS KVK to Inspire Local Farmer



DDS KVK organized series of pre-kharif trainings in April for farmers from Nyalkal, Kohir and Jarasanghammandals. Mr. E. Swamy, Program Assistant (Soil Science) highlighted the ideal time for soil sampling and its benefits demonstrating the procedure to take soil sample for testing. Mr. V. Ramesh, SMS (Agronomy) demonstrated the preparation and use of organic fertilizers like Panchagavya and Jeevamrutham. Dr. N. Snehalatha, SMS (Plant Protection) discussed pest management and the preparation of botanical extracts such as Dashaparni Kashayam and Brahmastram.

DDS NGO supervisors Keshamma, Chukkamma, Vinay and Balanna, along with 300 farmers participated.

## ➤ ICAR - KVK, Khammam 1, Telangana

## Rythu Sadassu Cum Agricultural Exhibition by RAWEP Students With KVK, Wyr

The B. Sc. (Agriculture) students numbering 49 from Agriculture College, Aswaraopet were attached for RAWEP 2023 - 24 to KVK, Wyr. As part of course curriculum, students conducted Rythu Sadassu cum Agricultural Exhibition at KVK, Wyr under the guidance and support of KVK, Wyr on 04.04.2024.

The exhibition stall was visited by Dr. J. Hemantha Kumar, Associate Dean, Agriculture College, Aswaraopet and other teaching faculty along with Smt. M. Vijaya Niramala, DAO, Khammam, Dr. B. Venu Manohar, JDA&H, Sri. Ramana, DHSO, Khammam, Dr. K. Kishore, ED, DLDA, Wyr Department Officials, farmers and farm women along with Dr. K. Ravi Kumar, Programme Coordinator (FAC), scientists Dr. Jessie Suneetha W and Mrs. P. S. M. Phanisri of KVK, Wyr.





## » ICAR - KVK, Khammam 2, Telangana

### Awareness programme on MASS (Mobile Agri Support Services)

KVK, Bhadradri Kothagudem has conducted awareness programme on MASS (Mobile Agri Support Services) at Sayanapalli Village, Gundala Mandal, Bhadradri Kothagudem District on 23.04.2024 for 35 farmers.



Dr. V. Lakshmi Narayanamma spoke on importance of “Phygitel facilitation for Enhancing Profitability of Farming Community” on the concept of MASS (Mobile Agril Support Services) sponsored by NABARD and is being implemented by EEI and KVK, Bhadradri Kothagudem, PJTSAU, Rajendranagar, Hyderabad.

## » ICAR - KVK, Karimnagar 1, Telangana

### One Day Schooling in Farm Science Center- KVK

Student farm seven Telangana State Model Schools (TSMS) and 6 Zilla Parishad High Schools (ZPHS) of Karimnagar district students (both Boys and Girls- 3212 nos.) from 6th to 9th class visited the KVK, Jammikunta.

During this visit, students were exposed to different demo units like, Vermicompost unit, Vermi wash unit, Tunnel Solar dryer, Automatic Bio fermenter, Crop cafeteria, Poultry unit, Fish rearing unit, Azolla unit, Fodder crops, Terrace Garden, Shade net nursery, Medicinal plants unit. All Subject Matter Specialists and Sr. scientist and Head given brief information about the demo units.



## » ICAR - KVK, Nizambad, Telangana

### Training on Management, Branding and Marketing to Executive members of FPOs

A training on post harvest processing and marketing to FPO farmers was conducted at shetpally village under “Empowering turmeric growers: Strengthening the FPOs in Nizamabad district”. This training focused mainly on the value added products in turmeric which could be marketed under single brand name thus increasing the profit margins to the FPO and its members and overcome the fluctuations in market prices of turmeric rhizomes and marketing strategies.



## ➤ ICAR - KVK, Mahabubnagar 1, Telangana

### Kisan Mela cum Agricultural Exhibition for “Harnessing and strengthening of Millet value chain in Narayanpet District”



YFA-KVK organized Kisan Mela cum Agricultural Exhibition with Department of Agriculture, Narayanpet district in Jajapur Rythuvedika, Narayanpet for 258 farmers. As part of the programme, DAO, Narayanpet threw light on Millet scenario in the district followed by handling technical session on crop production, plant protection, post harvest, Processing and marketing of major millets in the district by scientists from PJTSAU, Mallareddy university

and KVK, Mahabubnagar. As part of the event, books “Package of practice of Sorghum and Ragi, Health benefits of Millets and Value addition Products in Millets” were released.

A farmer Scientist interaction was organized followed by stall visits which showcased different millet seed varieties and processed products.

## ➤ ICAR - KVK, Mahabubnagar 2, Telangana

### Rythu Sadassu cum Agriculture Exhibition was organized by RAWEP students

Dr. M. Malla Reddy, Associate Director of Research, RARS, Palem inaugurated the exhibition stalls and visited the models prepared by the students and appreciated their efforts. Students displayed and explained the concepts, themes in brief of new innovative agricultural technologies. The students arranged about 38 models as a part of the agriculture exhibition. Around 178 numbers of farmers from different villages have utilized the opportunity and visited the exhibition models.



Dr.T.Prabhakar Reddy, Programme Coordinator, KVK, Palem explained about the alternate crops to paddy and income generation methods in field and horticultural crops. In this programme. Dr.M. Malla reddy, Associate Director of Research, RARS, Palem Dr.B.Pushpavathi, AD, AGC, Palem, Dr.T.Prabhakar Reddy (PC, KVK, Palem), Smt. Neeti, MAO, Bijinepally, KVK staff and 178 farmers, a total of 234 members were participated.



## » ICAR - KVK, Mancheril, Telangana

### Diagnostic field visits under CFLD Oilseeds on Sesame JCS 2454

As a part of Cluster Front Line Demonstrations (CFLD) on Oilseeds, under NFSM for the year 2023-24, KVK, Mancheril (Bellampalli) conducted a field visit to monitor and observe the Sesame (JCS



2454) variety distributed to the farmers of Keslaguda and Sakada Villages of Kerameri Mandal of KB Asifabad District.

The crop is at capsule developmental stage. During the visit, observed the incidence of phyllody and suggested the farmers with suitable recommendations. Dr. Shivakrishna Kota, Programme Coordinator along with Dr. Thirupathi, SMS (Crop Production) and Sri. A. Nagaraju, SMS (Plant

Protection) along with 18 No. of farmers were participated in the field visit programme.

## » ICAR - KVK, Medak 2, Telangana

### Technology week under SC-subplan

M. Srinivas, SMS (Horticulture) and SC-Sub plan incharge has organized technology week programme from 01.04.2024 to 08.04.2024 under SC-Sub plan for 484 farmers. In this event , conducted training on various topics like HDPS in cotton, role of Biofertilizers, farm machinery and implements, INM, Weed management and DSR in Paddy, production technology of commercial Horticulture crops, Organic farming, IFS and Value addition and also conducted method demonstration on preparation of organic inputs like Jeevamrutham, Ghana jeevamrutham, Farm Machinery & Implements, Agriculture drone and vermicompost production.



During farm visit explained about organic Papaya, Turmeric, Tomato and cucurbits cultivation practices and Azolla, vermicompost, low cost pandal systems and vegetable nursery units.



## ➤ ICAR - KVK, Nalgonda 1, Telangana

### Golden Jubilee Celebrations of KVK



SAIRD KVK- Gaddipally organized Golden Jubilee Celebrations of KVKs from 27.04.2024 to 30.04.2024 at KVK campus for 105 farmers. In this meeting, D. Naresh, Senior Scientist & Head (I/c.) explained about the importance of KVK system in the country, golden Jubilee year celebrations at KVK-Pondicherry, achievements of the KVKs and showcased the torch which is a representative of golden year of KVKs. Later, he explained about

different programmes and project handled by KVK to SC and ST farmers along with the mandate activities of KVKs and the role of the KVKs in disseminating of new technologies into farmers fields and production and supply of quality seed and planting material to farmers and details of extension activities etc.,. To this programme Ch. Naresh (SMS) Horticulture, A. Kiran (SMS) Soil Science, Adarsh (SMS) Plant Protection, Dr. T. Madhuri, (SMS) Sericulture, N. Sugandhi, (PA) Home Science, other administrative staff were facilitated the programme.

## ➤ ICAR - KVK, Nalgonda 2, Telangana

### Golden jubilee celebrations of KVKs

KVK, Kampasagar celebrated Golden Jubilee celebrations of KVKs from 22.04.2024 to 26.04.2024 at KVK, Kampasagar. As a part of the programme, large number of farmers from different villages participated in the programme and Dr. S. Srinivasa Rao, Programme Coordinator, KVK, Kampasagar delivered talk on role of KVKs in disseminating new technologies to the farming community.

Role of KVKs in supply of quality seed, training programmes organised for the development of SCSP, TSP farmers, training programmes on soil health management, judicious use of agricultural chemicals to reduce soil and environment pollution etc to the farmers and Scientists were demonstrated. Dr.K.Chandrashaker, SMS (CP), Smt A Ramulamma, SMS (PP), Smt S Pallavai, SMS (Extension), Smt.ParwatiChawhan, Agriculture officer, Sri.Murali, Horticulture officer, were facilitated the programme.



## » ICAR - KVK, Warangal 1, Telangana

### Rythusadassu and Agricultural Exhibition



RAWEP students from KVK, Malyal organized a Rythusadassu and Agricultural exhibition at Shanigapuram village of Mahabubabad Mandal & district on 10.04.2024. Dr. R. Uma Reddy, ADR, RARS, Warangal as the chief guest and Dr.A.Venkat Reddy, Associate Dean i/c, Agricultural college, Warangal as the special guest of the programme, inaugurated the exhibition stalls prepared by RAWEP students on “ Direct seeding paddy, IPM

in chilli and Rice, Integrated farming system, HDPS in Mango, oil palm cultivation, mulching, micro irrigation, Vermicompost, crop residue management, vertebrate pest management, etc”. The guests appreciated the explanation given on importance of different exhibits arranged by the students.

## » ICAR - KVK, Warangal 2, Telangana

### World Veterinary Day

KVK, Mamnoor, Warangal-2 celebrated a World Veterinary day on the last Saturday of April 2024 in Singaram Village of Hanumakonda district. On this day farmers were orientated on the theme of “Veterinarians are essential health workers” and also the role of the Veterinarians in environmental protection, sustainability and the work for the welfare of animals in different situations, including farms, zoos, and wildlife habitats.



Dr. J. Shashank, SMS (Veterinary Medicine), while addressing the farmers urged the farmers to utilize the services of the Veterinaries available in KVK in controlling the communicable diseases of animals. Dr. J. Saikiran, SMS (LPM) gave talk on the importance of backyard Poultry in nutritional security and the sustainability of livelihoods. Later the antibiotic, electrolyte powders and feed were distributed to the identified beneficiaries under the Director, ICAR-ATARI, Zone-X impactful programme.



## Puducherry

### ➤ ICAR - KVK, Puducherry

#### School Soil Health Card programme



KVK, Puducherry, in coordination with the Department of Agriculture & FW, Puducherry and ATMA, Puducherry organized an orientation and training programme on soil sampling under the School Soil Health programme at Jawahar Navodaya Vidyalaya School, Puducherry on 29.04.2024 as per directions of the Ministry of Agriculture, GOI.

This orientation programme was inaugurated and emphasized the importance of the soil health programme by Shri. K. Sivasubramanian, Deputy Director of Agriculture, Puducherry. Dr.V. Prabhu, Subject Matter Specialist (Soil Scientist) delivered a lecture on soil health, soil nutrients and soil sampling techniques and methods, viz., quartering, packing and labelling were demonstrated to the school students. Shri. Anoop, Agricultural Officer, Shri. Dhandapani, Agricultural Officer, Jawahar Navodaya Vidyalaya School teachers & 25 Jawahar Navodaya Vidyalaya School students took part in the programme.

### ➤ ICAR - KVK, Karaikal, Puducherry

#### Production and Sales of Major Carps

About 2500 Nos. of fish fingerlings of Major carps namely Common carp, Caltla, Rohu, Mirgal and Silver carp have been inoculated into the KVK Demonstration pond of an area of 1 acre during August, 2023.

Harvesting of the fishes was carried out during the second and third week of April, 2024. Around 175 kgs of major carps were harvested and sold to the farmers and public of Karaikal region for an amount of Rs. 35,000/-. Similarly, Harvesting of GIFT Tilapia and Murrel fishes were also initiated.





**April 2024**

# **SPARK BULLETIN**

*Monthly Momentum of Zone - X KVKs*

Your guide to the latest news and updates

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