



# SPARK BULLETIN

Monthly Momentum of Zone - X KVKs

Your guide to the latest news and updates

May 2024



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

&

Directorate of Extension Education  
Tamil Nadu Agricultural University, Coimbatore

## Acharya N. G. Ranga Agricultural University Directorate of Extension, ANGRAU, Andhra Pradesh Annual Action Plan Workshop (2024 - 25) for KVKs of Andhra Pradesh

Annual Action Plan Workshop (2024-25) for KVKs of Andhra Pradesh was jointly held by ANGRAU & ATARI, Zone-X, Hyderabad on 18th and 19th May, 2024 at ANGRAU, Lam, Guntur. Dr. Shaik N. Meera, Director, ATARI, Zone - X, Hyderabad Inaugurated the Programme and gave the keynote address on 18th May, 2024. The Director emphasised the importance of Action Plan in connection with the “Vikshit Bharat” and released the publications on “Technology Inventory for KVKs of Andhra Pradesh” and also urged the



participants to give valuable suggestions for preparation of robust Action Plan of KVKs in order to improve the socio-economic conditions of the farming community of AP. The programme was chaired by Dr. Y. Padmalatha, Director of Extension, ANGRAU.

Dr. L. Prasanthi, DR, ANGRAU, Dr. L. Naram Naidu, DR, DRYSRHU, Dr. E. Karunasree, DE, DRYSRHU and Dr. G. Venkata Naidu, DE, SVVU and Sri N. Ch. Balu Naik, Deputy Director of Agriculture, O/o Commissioner of Agriculture, Guntur, AP participated in the workshop and rendered valuable suggestions for preparation of Action Plan of KVKs of AP. The two days Action Plan was scheduled with series of technical sessions and deliberations by Scientists of KVKs of Andhra Pradesh.

## Training Cum Exposure Visit to Master Trainers in Natural Farming

The Directorate of Extension Education & Nammazhvar Organic Farming Research Centre, TNAU, Coimbatore in collaboration with MANAGE, Hyderabad, organized “Training Cum Exposure Visit to Master



Trainers in Natural Farming” to the Scientists and Professors working in State Agriculture Universities during 20 - 24 May 2024. Dr. V. Geethalakshmi, Vice - Chancellor, TNAU, Coimbatore inaugurated the Programme, and distressed on the importance of Natural Farming fir sustainable agriculture, Dr.P.P Murugan, Director of Extension Education, TNAU, welcomed the gathering. Dr. Ishwar Poojar Team Leader, MANAGE, Hyderabad briefed about the programme to the participants.

A total of 52 Scientists / Professors from Seven States and Eleven State Agricultural Universities participated in the Training Programme. Sixteen Resource persons from various disciplines delivered lectures such as Principles and components of Natural Farming, Soil Health Management, Soil Plant Microbes: Perspectives and Interactions for abiotic stress management, On farm waste recycling technologies, Natural Farming Inputs Preparation: Beejamrit, Jeevamrit, Ganjeevamrit, Certification and Marketing of Products of Natural Farming, Pest and Disease Management in Natural Farming, Extension Strategies for up scaling Natural Farming, Linkages and Extension Services etc., besides, Exposure Visit to PRAGATHI Natural Farm, Farmers field trips were organized. The Register, TNAU, Coimbatore gave the Valedictory address and distributed certificates to the participants.

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



भाकृअनुप - कृषि तकनीकी अनुप्रयोग अनुसंधान संस्थान (अटारी)  
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डॉ. शेक एन. मीरा  
**Dr. Shaik N. Meera**  
निदेशक/ Director

## Message

Greetings,

I am glad to publish the May 2024 edition of SPARK Bulletin – Monthly Momentum of KVKs with the involvement of KVKs of Zone X.

This issue highlights a range of significant activities and achievements like Golden Jubilee Celebrations of KVKs cum interaction with farmers, trainings on Integrated Crop Management Technologies, Mushroom Cultivation, Quality Seed Production, Value addition of Millets, Natural Farming, Profitable Sheep and Goat Farming, and the ASCI Organic Grower program. In addition, programmes on Kharif Preparedness, Agricultural Exhibition and *Rythu Sadassu* Cum Farmer Scientist Interaction, World Bee Day, Soil Health Campaign, Seed Mela, International Day for Biological Diversity Exposure visits for RHWEP students, Diagnostic field visits were organized.

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)



## From DEEs Desk



TAMIL NADU AGRICULTURAL UNIVERSITY

Directorate of Extension Education

**Dr. P.P. MURUGAN, Ph.D.,**  
Director of Extension EducationCoimbatore - 641 003  
Tamil Nadu, India

## Message

Dear Readers,

I am Happy to Present the May edition of “SPARK BULLETIN” The Monthly Momentum of Zone-X KVKs which showcases significant extension activities / initiatives of ICAR-KVKs Zone-X.

This edition features the efforts made by ICAR-KVKs, showcasing their various initiatives such as, visit of District Collector to Sivagangai district, celebration of World Bee Day, Skill Trainings on Natural Farming, Goat farming, training to SC farmers, Input distribution to SC farmers, Diagnostic Field Visits, Awareness Campaigns on Coconut Pest and Diseases, Awareness programme on Energy Efficiency and Demand Side Management in Agriculture Sector of Tiruvallur district and Exposure visits etc.,

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

(P. P. Murugan)



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#### Tamil Nadu

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

##### Skill training programme for Organic Grower

Three days Skill training programme for Organic grower has been organized at KVK from 16.05.24 to 18.05.24 under Recognition of Prior Learning (RPL) of RKVY program. First day, lectures



were delivered as refresher sessions on need for shifting to organic farming, messages to be taken while transition from chemical farming to organic farming, best practices in soil health management, cropping pattern, etc.

Second day, theory sessions were handled on organic pest and disease management practices, procedures to get organic farm licence, marketing and export avenues for organic products. Practical classes on preparation of onsite inputs, vermicompost production were also handled. Third day, Assessment was done for RPL training conducted under RKVY through the assessors from ASCI assessment agencies. Totally 40 youth farmers participated.

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

##### World Bee Day Celebration 2024

ICAR - KVK, Coimbatore in association with Tamil Nadu Bee Farmers' Association has celebrated World Bee Day on 20th May 2024 at YMCA Hall, Coimbatore for the benefit of bee keepers at state level. The seminar wherein honey quality and marketing were elaborately discussed.

Dr. P. Kumaravadivelu, ICAR - KVK Coimbatore presented about recent issues on the quality of honey mainly due to moisture, and pesticide residue issues in a few samples. Processing of honey was suggested to farmers which would help in reduction of moisture content. Organic & eco-friendly farm management was emphasized to ensure good colony management, quality honey production and processing. Dr. M. R. Srinivasan, Professor TNAU, Mrs.M.Bhuvaneswari, DDH, Dr.Rajesh, Kongu Nadu College of Arts & Science and Mr. Manikandan presented various technologies for benefit of over 50 progressive farmers.





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

##### Field visit to Mealybug and Mite affected Tapioca Field

KVK Cuddalore, in collaboration with line department officials, conducted a field visit to Naduveerapattu Village in Cuddalore block on May 6, 2024. The visit aimed to assess the status of approximately 1000 acres of flourishing tapioca crops in crucial vegetative stage.



During the inspection, pest outbreak of mealy bugs and mites affecting the crops were recorded and KVK scientists along with department officials made on field visits advised farmers with preventive and control measures, such as spraying of suitable pesticides and the advisory on integrated pest management practices. By offering

timely advice and support, the team aimed to safeguard the tapioca crops and ensure sustainable agricultural practices in the region.

#### ➤ ICAR - KVK, Dharmapuri, Tamil Nadu

##### Field Diagnostic Visit

A field diagnostic visit was conducted in mulberry field at Erranahalli village of Palacode block in Dharmapuri district on 16.05.2024, where is root rot disease incidence was observed up to 40 per cent, and the recommendation was given as drenching of copper oxychloride @ 0.25% or carbendazim @ 0.1% at monthly intervals to reduce the spread of the disease.

Soil application of *Trichoderma viride* @ 2.5 kg/ ha mixed with enriched FYM was recommended to minimize root rot disease incidence. The Programme Coordinator, SMS (Nematology), SMS (Plant Pathology), and SMS (Agrl. Entomology), ICAR – KVK,



Dharmapuri had interacted with farmers during the field diagnostic visit.

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#### ➤ ICAR - KVK, Dindigul, Tamil Nadu

##### Method demonstration on Pruning of Trees

ICAR KVK, Dindigul conducted method demonstration on pruning of trees using tree pruner at KVK on 24.05.2024. The demonstration on pruning of branches in *Melia dubia* and *Ailanthus excelsa* with Tree Pruner was conducted.



The farmers were advised to remove the leaves from branches and put it in manure pit for composting purpose. Maintenance of the telescopic tree pruner was also demonstrated to the farmers.

#### ➤ ICAR - KVK, Erode, Tamil Nadu

##### Director, ICAR ATARI, Bangalore visits to Rosemary farm

KVK Erode promoting Rosemary (Aromatic) crop as an enterprise in order to enhance the farmers' income in the hilly regions of Bargur, Kadambur and Talavadi areas in Erode district since 2013 onwards.

In order to explore the possibility of promoting rosemary as an enterprise through ICAR KVK, Chamrajnagar, the Director ICAR ATARI, Bangalore and the Team visited KVK, Erode and Rosemary field in Talavadi areas and interacted with Rosemary crop growers on 10.05.2024. The team also visited Chrysanthemum and Leafy crops cultivated by youth farmer. The programme was documented by The Hindu Business Line, Bangaluru.



The team also visited Chrysanthemum and Leafy crops cultivated by youth farmer. The programme was documented by The Hindu Business Line, Bangaluru.

#### ➤ ICAR - KVK, Kancheepuram, Tamil Nadu

##### World Bee Day

On account of World Bee Day, training was conducted at Venbedu village of Thiruporur block in scientific beekeeping techniques. Totally 16 men and 11 women farmers were participated.

The topics dealt were, Role of Bees in enhancing yield in crops, types of bees and foraging, bee colony maintenance, honey extraction process and Bee products.

Farmers and farm women were also explained about the role of bee keeping in improving farmers income. Plant Pathologist and Fisheries Scientist of KVK Kattupakkam were involved in the programme.





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#### ➤ ICAR - KVK, Kanniyakumari, Tamil Nadu

##### International Day for biological Diversity

KVK, Kanyakumari conducted awareness programme on International Day for Biological Diversity on 22.05.2024. The Programme Coordinator, Dr. S. Suresh explained about the importance of



International Day for Biological Diversity to increase understanding and awareness of biodiversity issues.”

SMS (Plant Pathology), Dr.K.Kavitha explained the theme of the 2024 International Day for Biological Diversity as “Be part of the Plan” and farmers were emphasized to conserve biodiversity by adopting production system management strategies, viz., minimizing soil disturbance, maintaining mulch

covers and growing cover crops which increase the biological activity and diversity of the production system. 28 farmers participated in the programme.

#### ➤ ICAR - KVK, Karur, Tamil Nadu

##### Training on Integrated Crop Management in Groundnut

An off-campus training on Integrated crop management in Groundnut was organized at Kallai village, Thogamalai block on 29.5.2024, for the upcoming groundnut season. The training programme was conducted by Mr. M. Thirumurugan, Subject Matter Specialist (Agronomy) and Mr. B. Tamilselvan, Programme Assistant (Lab Technician).



The topics covered are major varieties suitable for the area, seed treatment with biofertilizers and bio control agents, integrated nutrient management covering soil test based nutrient application, gypsum application, TNAU Groundnut rich application, integrated pests and diseases management. A demonstration was conducted on seed treatment with bio control agent *Bacillus subtilis* and use of light traps for pest management. Totally 16 progressive farmers participated and got benefitted from the training programme.



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#### ➤ ICAR - KVK, Nagapattinam, Tamil Nadu

##### Field visit to Thara Home Foods unit under EDP

ICAR-KVK, Nagapattinam organized field visit to Thara Home Foods under EDP at Velipalaiyam, Nagapattinam block on 24.05.2024. The KVK intervened entrepreneur unit producing 8 types of value



added products like pickles and dry food products, lemon pickle, mango pickle, garlic pickle, citron pickle, wild lemon pickle, Cluster bean vaththal, mango vaththal, Citron vaththal, brinjal vaththal, wild lemon vaththal, Curry lalippu vaththal and Millets laddu is being produced.

Arranged marketing linkages with entrepreneur Yashodha Fruit Value Addition Unit, Nagapattinam and three entrepreneurs participated.

#### ➤ ICAR - KVK, Perambalur, Tamil Nadu

##### Vocational training –Scientific Mushroom Cultivation

ICAR KVK, Perambalur organized vocational training on “Scientific Mushroom cultivation” from 20.05.2024 to 24.05.2024 to 13 no.s of rural youths. During this training, trainees were imparted with importance of mushrooms in diet, types of edible mushroom, cultivation and marketing techniques of Milky and Oyster mushrooms. Mushroom bed of milky and oyster mushrooms were prepared by trainers and gained both theoretical and practical knowledge about the mushroom cultivation.



Dr. V. E. Nethaji Mariappan, Senior Scientist and Head distributed certificates to the participants. This training was conducted by Mr. P. Dominic Manoj, Subject Matter Specialist (Plant Protection).

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

##### Diagnostic visit

KVK Villupuram made a series of diagnostic visits throughout the district to identify the field problems. A team comprising of Dr. Shibi Sebastian, SMS (Extn) and Dr. E. Jamuna diagnosed Thrips in Chilly field and leaf curl with marginal drying of leaves in Mango in Ponnankuppam village in Vikravandi block on 07.05.2024.



Similarly, diagnostic field visit was undertaken in sugarcane and crown mealy bug was identified while Rhinoceros beetle damage was diagnosed in Vanur block on 21.05.2024. Necessary recommendations were suggested to the farmers.

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#### ➤ ICAR - KVK, Pudukkottai, Tamil Nadu

##### Diagnostic field visit to farmers field

Diagnostic field visit was conducted in farmers field of Mr.S.Ponnaiah and Mrs. C.Bakyam at Vadakadu village, Thiruvarangulam Block of Pudukkottai District on 10.06.2024.



Dr. A. Alagesan, Associate Professor (Agronomy) explained about the foliar application of booster for groundnut and rice. Hand hoeing to remove weeds and application of Gypsum earthing up, Foliar application of Groundnut booster; TNAU Groundnut Rich were recommended. Hand weeding and foliar application of TNAU crop booster; Rice Reap viz., at booting

stage and 10 days after 1st spray for rice crop were also suggested.

#### ➤ ICAR - KVK, Ramanathapuram, Tamil Nadu

##### Comprehensive approach for enhancement of yield and income of coconut growers

KVK, Ramanathapuram, initiated a survey involving final-year agriculture students to identify production constraints. Students, along with KVK scientists, disseminated advanced technologies to boost yield, reduce cultivation costs, and increase farmers' income through better marketability, value addition, and market information.

KVK conducted a series of field visits, three trainings and demonstrations on soil health management, quality seedling selection, root feeding, planting techniques, fertilizer application, pest and disease identification, integrated pest management, drought management, soil and water conservation techniques, value addition, and market information access for the benefit of 312 farmers.



#### ➤ ICAR - KVK, Madurai, Tamil Nadu

##### World Honey Bee day

World Bee Day on was organized by KVK Madurai 20.05.2024, KVK Madurai organized a meeting for 84 UG students, AC&RI, Madurai. The meeting was inaugurated by Dr. L. Nirmala, Professor (Extn), KVK, Madurai who narrated the benefits of bee keeping. importance of bee keeping, different types of honey Bees, role of honey Bees in crop pollination, honey extraction and colony separation were dealt in detail to the participants by Dr. K. Suresh, Associate Professor (Agrl. Ento.), KVK, Madurai.

Mechanism of bees pollination was dealt by Dr. G. Ananad, SMS (PBG) and value added products from honey was demonstrated by Dr. J. Selvi, SMS (FSN). In addition, Rally was organized by the UG students.





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#### ➤ ICAR - KVK, Salem, Tamil Nadu

##### Training cum Input Distribution to SC farmers

KVK Salem serves as one of the implementing centres in Tamil Nadu for the ICAR ECF project entitled “Livelihood enhancement of SC farmers through skilling/upskilling and facilitation through KVK”.



As a part of project initiation, Training cum Input Distribution programme was organised on 21.05.2024 at Sundakapatti village of Kadaiyampatti Block. The farmers were sensitized on Integrated Crop Management practices and Quality Seed Production in Black gram. As part of the programme, three new farmer clusters were formed for pulses seed farming and enrolment of the new clusters was made under KVK Pulses Seed Hub intervention.

During the event, a method demonstration on seed treatment with TNAU Vidhai Amurtham was arranged. In order to encourage line sowing, the clusters were provided with hand seed drill units along with other critical inputs like VBN-11 Blackgram seeds, Bio-inputs and TNAU Crop Booster. A total of 150 farmers participated and got benefitted.

#### ➤ ICAR - KVK, Sivagangai, Tamil Nadu

##### District Collector's visit to KVK adopted villages

The Sivaganga District Collector, Mrs. Asha Ajith, IAS visited KVK adopted village Gowripatti and interacted with KVK Scientists, Office bearers of Precision farming association and line department officials. KVK, Sivaganga conducted a Demonstration of disease diagnosis and treatment of Brown leaf spot in Tapioca plants. Dr. S. Sendurkumaran, Senior Scientist and Head, explained the viability of Tapioca plants for the livelihood upliftment of farming community in the district.

Dr. V. Ramakrishnan, Assistant Professor (Animal Science) explained the Organic livestock farming and demonstrated about Ethnoveterinary practices of various livestock diseases. During the event, the District Collector interacted with the farmers about their journey towards success.





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

##### Participation and demonstration of technologies in the District level Flower Show 2024

The KVK, Nilgiris organized the Flower Show 2024 during 10 - 17 May 2024 at Ooty. The State Agriculture Production Commissioner inaugurated the show. The Director of Agriculture delivered the



presidential address. KVK, Nilgiris participated in the exhibition and demonstrated the new varieties such as Rosemary Ooty1, Thyme Ooty 1 and various fruits and medicinal plants for hill agriculture. The technologies such as weed mat, Organic inputs, Azolla, bee keeping, vermicompost were demonstrated for the benefit of the farming community. The Programme Coordinator explained about the technologies to the Agriculture Production

Commissioner and Director of Agriculture. Nearly 5000 farmers visited the exhibition and learnt about the recent trends in Agriculture.

#### ➤ ICAR - KVK, Theni, Tamil Nadu

##### Celebration of World Bee Day

Celebrated World Bee Day on the theme of "Bees Engaged with Youth" on 20.05.2024 at KVK Theni. The Inaugural address was given by Dr. P. Sivaram, Deputy Director, CENDECT. Presidential address was given by Mr. M. Ravikumar, Director, RSETI, Canara Bank, Theni. Mr.P.Maheswaran, Programme Coordinator (i/c) and handled a technical session on self-employment opportunities through Apiculture for sustainable livelihood. Mr.M.Arunraj, SMS (Soil Science) handled a technical session on Importance of beekeeping and highlighted the theme that the youth can play role in protecting bees and other pollinators.



Beekeepers were exposed to Honey processing plant at KVK. Distributed RKVY RPL Beekeeper training certificates and mark sheets. Totally 42 beekeepers participated.

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#### ➤ ICAR - KVK, Thiruvarur, Tamil Nadu

##### Exhibition Showcasing Agricultural Innovations by RAWE Students

The students from ADAC&RI, Trichy and Dr. M. S. SAC&RI, Thanjavur, who were engaged in the Rural Agricultural Work Experience (RAWE) program, participated in an enriching stint at ICAR-KVK, from March 23, 2024..On May 15, 2024, these students organized an exhibition at the KVK, to showcase their learnings and innovations.



The event was inaugurated by the Director of Extension Education from TNAU, Coimbatore, who highlighted the crucial role of technology dissemination through KVKs. Nodal Officer from the Agricultural College and Research Institute, Keelavelur, Director of the Tamil Nadu Rice Research

Institute, Aduthurai were also participated and graced the occasion. The dignitaries, after inaugurating the exhibition, visited various stalls where students provided detailed explanations of their exhibits

#### ➤ ICAR - KVK, Thoothukudi, Tamil Nadu

##### Skill Development Training on Profitable Sheep and Goat Farming

ICAR-SCAD KVK, Thoothukudi organized three days skill training programme on profitable sheep/goat farming for the farmers and Farm women to enhance their livelihood through income generation by having a self-employment activity from 28.05.2024 to 30.05.2024. Dr. V. Palanichamy, Senior Scientist and Head, emphasised the significance of sheep and goat rearing in generating profitable income through a business model.

Dr.J.Anand, SMS (Animal Science) trained the farmers on the potential of sheep and goat farming to boost family income with low initial investment and high economic returns.

A total of 20 farmers participated in exposure visits to goat and sheep farms in the Kayathar village.



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#### ➤ ICAR - KVK, Trichy, Tamil Nadu

##### Joint Diagnostic field visit to Gingelly field

In Lalgudi block, KVK Scientists along with the Department officials organized a joint diagnostic field visit.



The farmers faced severe flower drop and infestation of flower webber problems. The scientists diagnosed and recommended that control of flower drop, application of 100 ml Planofix in 200 litres of water and 1% DAP spray. For the control of flower webber, Propinophos in 1 litre of water was recommended. The recommendations were published in daily newspapers and social media for awareness among farmers.

#### ➤ ICAR - KVK, Tirunelveli, Tamil Nadu

##### Bee Keeping Techniques

RVS KVK, Tirunelveli conducted ASCI Training on Bee keeping techniques from 23.04.2024 to 25.04.2024 at KVK campus. The two day training comprised of sessions under 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 in entrepreneurial aspect by providing insights on of preparing value added products from honey. To enable their products, they were also briefed on FSSAI certification process.



Final assessment (Tab test, Practical, Viva voice) of the trainees by the external assessors was conducted on 25.04.2024. A total of 40 participants participated in the training programme.

#### ➤ ICAR - KVK, Krishnagiri, Tamil Nadu

##### Soil Health Campaign

ICAR - KVK, Krishnagiri organized and conducted Soil Health Campaign on 28-May-2024 at Parur village of Krishnagiri. The importance of soil testing and soil health were explained to the 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. 53 farmers attended the programme.



## SPARK BULLETIN

### Monthly Momentum of Zone - X KVKs

#### ➤ ICAR - KVK, Tiruppur, Tamil Nadu

##### Coconut Pest and Disease Awareness Campaign and Field Visit

Coconut Pest and Disease Awareness Campaign and Field Visit at Pattampalayam Village of Tiruppur Block was conducted, in which overview on pests of coconut palm, infestation, management



and ecofriendly strategies. diseases of Coconut, symptoms, extent of damage and effective control measures were briefed. Field visits were arranged and observed rugose white fly, rhinoceros beetle infestation and diagnosed diseases of Tanjore wilt and root wilt.

The use of immuno boosters , growth regulators of TNAU Cococon, TNAU Coconut tonic, TNAU Coconut Micro Nutrient mixture and application methods were elaborated. Soil health management and integrated nutrient management in maintaining a healthy garden was focused.

#### ➤ ICAR - KVK, Thiruvallur, Tamil Nadu

##### Awareness programme on "Energy efficiency and demand side management in Agriculture Sector"

KVK, Tiruvallur organised one day awareness programme on "Energy efficiency and demand side management in Agriculture Sector" on 29.05.2024. The programme was inaugurated by Dr.P.P.Murugan, DEE, TNAU, Coimbatore, and emphasized the importance of Energy efficiency in irrigation automation in Agriculture and Horticulture crops. Dr.S.Banumathy, PC briefed the integrated approach towards crop production technologies.

Facilitation note was given by Tmt.G.Anandhi, Superintending Engineer, TANGEDCO, Chennai.



Dr. M. Senthilkumar, Associate Professor (Ag. Extn), TNAU, Coimbatore, Th.M.Murugan, JDA, Tiruvallur, Th.S.Rajesh, EE, Tiruvallur, Th.T.K.Vediappan, Cane Officer, Tiruthani and Co-operative Sugar mills and Dr.Febin Daya, Professor, VIT, Chennai, specialist in AI based Eco system were participated in the programme. Around 80 farmers were benefitted.

## SPARK BULLETIN

### Monthly Momentum of Zone - X KVKs

#### ➤ ICAR - KVK, Tiruvannamalai, Tamil Nadu

##### Exposure visit of farmers to KVK

An exposure visit has been arranged by Hand in Hand, Kanchipuram on 28.05.2024 to 30.05.2024 involving 45 farmers and SHG members.



Mr. V. Suresh, Senior Scientist and Head of KVK and gave special lecture on importance of value added products in milk and its various market avenues for employment generation.

Dr. K. Mayakrishnan, Subject Matter Specialist (Animal Science) delivered lecture on profitable dairy farming and arranged a field visit to instructional livestock farm in KVK. Mrs. T. Margaret,

Subject Matter Specialist (Home Science) demonstrated value added milk products viz., plain paneer, herbs incorporated paneer, flavoured milk, packing and marketing.

#### ➤ ICAR - KVK, Vellore, Tamil Nadu

##### Training on Paneer preparation

ICAR- KVK Vellore organized an On campus training programme on Paneer preparation methods for milk farmers of Vellore District on 29.05.2024. Th.S.Pandarinathan, SMS (Bio chemistry) gave hands on training on various preparation methods for making paneer and the best method lemon extract was highlighted.

Tasty and healthy way of living, biochemical importance of nutritious foods, value added products of milk-paneer, significance of using paneer making machine and marketing. In addition to this, factors influencing the perishability of paneer was also focused. Guidelines given to maintain minimum quantity of paneer under refrigeration condition for regular sales in order to meet out fluctuations in demand. Total of 53 farmers and farm women participated from all blocks of Vellore district.



## SPARK BULLETIN

### Monthly Momentum of Zone - X KVKs

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

##### Organic Food Festival

Kallai Organic Food Festival organized by Kallai Organic Farmers group with technical guidance of KVK, Kallakurichi, on 25.05.2024. Dr. M. Vimalarani, KVK Head offered a special address on role of



millets & traditional foods in daily dietaries and marketing, branding quality standards in value added organic farm produce, Dr. P. Murugan, Associate Professor (Agronomy) delivered special address on role of KVK in natural cum organic farming development in Kallakurichi district, traditional paddy varieties suitable for the district and procedure for obtaining organic certification to individual farms.

KVK trained organic farmers, farm women, self help group members displayed value added millet and farm produce in the exhibition cum sales stall. Eight types of traditional foods served to all the participants. A Total of 764 farmers and farm women were benefitted.

#### ➤ ICAR - KVK, Virudhunagar, Tamil Nadu

##### Diagnostic visit to coconut field

Diagnostic field visit was made at Kansapuram Watrap block on 02.05.2024 by the scientists from ICAR KVK and RRS, Aruppukottai and officials from the Department of Agriculture and Farmer's Welfare of Virudhunagar district, to assess the extent of Rugose Spiralling Whitefly incidence in coconut. Around 240 trees were found to be affected.

Symptoms observed were oozing out of sticky glistening liquid substances, yellowing of leaves, dropping of affected leaves and sooty mould in lowers side of leaves. The recommendations included forced water spray on the lower surface of the fronts, installation of yellow sticky traps, spraying 2.5% of maida paste solution mixed with detergent soap @5g/l for sooty mould and release of parasitoid *Encarsia* sp @ 400 numbers per acre were recommended.





## SPARK BULLETIN

### Monthly Momentum of Zone - X KVKs

#### Andhra Pradesh

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

##### Sensitization of horticulture farmers of Sri Sathya Sai District, Andhra Pradesh

Dr. BK Kishore Reddy, SMS (PP) of KVK, Reddipalli visited various villages of Rapthadu Mandal,



Sri Sathya Sai district of Andhra Pradesh where diagnosed diseases viz., downy mildew in grapes, thrips in pomegranate and rust mite in sweet orange.

A training programme was also conducted at Nymadala Village of CK Palli Mandal where farmers were sensitized about fertilizer management for upcoming cropping period, flowering management practices in pomegranate and sweet orange.

Farmers were suggested to use Propargite @ 400ml or Fenazaquin @ 200 ml for mite in Sweet orange, Cyantraniliprole @ 1.5 ml per litre for thrips in Pomegranate, Provalicarb 5.5% + Propineb 61.25% WP @ 600g per acre for downy mildew in grapes.

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

##### NSS programme

KVK Darsi conducted NSS programme as a part of RAWEP programme of Agriculture students. T. Manasa, SMS (Home Science) participated in this programme and explained about the importance of Nutri-garden at backyards and how an individual can get healthy food and secured life with nutri-garden.

Explained about precautions and maintenance of nutrigardens at house premises without using any chemicals and pesticides. A total of 70 farmers including farm women, 25 students and other teaching staff of Bapatla Agricultural College also participated in this programme.



## SPARK BULLETIN

### Monthly Momentum of Zone - X KVKs

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

##### Rythu Sadassu and Agricultural Exhibition

KVK, Kalyandurg (ANGRAU) and RAWEP Students of Sri Krishna Devaraya Agricultural College, Anantapur Organized Rythu Sadassu and Agricultural Exhibition at Ankampalli village of Beluguppa mandal, Anantapuramu.



Dr.B.Ravindranatha Reddy, Associate Dean, Agricultural College, Briefed about alternative crops to Groundnut in Kharif season. Dr.V.Yugandhar, SMS (Horticulture) KVK, Kalyandurg explained about soil sample collection and ICM practices in banana, mango, pomegranate and chilli for getting quality and higher yields. Dr. M.Mallikarjun, SMS, Crop

production explained about ICM practices in Ground nut and Red gram to farmers. Farmers visited Agricultural Exhibition stalls, students explained their exhibits to farmers. Total of 51 farmers attended the programme.

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

##### Farmer training programme on Kharif Preparedness and contingency crop planning

RASS – KVK, Tirupati organized two training programmes for farmers on “Preparedness for Kharif crops and contingency crop planning” at Yerpedu and Tirupati mandals on 08.05.2024 and 24.05.2024 respectively. During the training programmes, KVK scientists Dr. V.Divya, SMS, Agronomy and T. Ramu Kumar, SMS, Agricultural Extension explained about activities of KVK for welfare of farming community for enhancing their livelihood through improved production and productivity of their crops.



Summer deep ploughing, soil sample collection and soil testing, selection of crops, high yielding varieties based on type of soils and their fertility status, seed treatment, Integrated Farming Systems (IFS), natural farming, selection of contingency crops and their management practices in case of delay or early onset of monsoons were dealt. A total of 82 farmers and farm women were participated in the programme.



## SPARK BULLETIN

### Monthly Momentum of Zone - X KVKs

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

##### Rythu Sadassu and Agricultural Exhibition



ICAR – KVK, Chittoor 2 organized Rythu Sadassu and Agricultural Exhibition by RAWEP Students of Agricultural College, Mahanandhi. Dr. G.S. Panduranga, Programme Coordinator explained about activities of KVK and IPM in Groundnut and Mango. Dr. V. Jaya Lakshmi, Associate Dean, Agricultural College, Mahanandhi explained about production practices of major crops in Annamayya district.

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

##### Training programme on 'Quality Seed Production'

KVK, Kalavacharla in collaboration with NSCL (National Seed Corporation Limited), Regional Office, Guntur, Department of Agriculture and RARS, Maruteru organized one day training and awareness programme on 'Quality Seed Production'. NSCL Officials, District Agriculture Officer and other Scientists highlighted the importance of quality seed production, seed certification, seed licensing and seed buy-back system, formation of seed group FPOs, benefits to tenant farmers and marketing trends.

60 farmers from Seethanagaram, Korukonda and Rajanagaram Mandals, FPOs, NGO members were benefited by the programme. Technicians from ICAR-CTRI also participated as a part of their training and exposure visit.





## SPARK BULLETIN

### Monthly Momentum of Zone - X KVKs

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

##### Agricultural Exhibition and Rythu Sadassu

KVK, Utukur and final year RAWEP students of Agricultural College, Mahanandi has conducted "Rythu sadassu and Agricultural exhibition" at Kolumulapalle village of C.K. Dinne mandal on 24.05.2024.



An exhibition was organized with live specimens of different crop varieties, charts, posters, farm machinery, value added products and models prepared by students on soil and water conservation, micro irrigation systems, IPM, ICM, ATM model of Natural farming, ITKs.

On this occasion, farmers – scientist interaction meeting was organized and scientists explained about ICM practices in Cotton, Turmeric, Betel vine and Chillies. Dr. A. Veeraiah, PC, KVK, Utukur, Dr. K. Ankaiah Kumar, Coordinator, DAATTC, Utukur, other two Scientists from Agricultural College, Mahanandi and graced this occasion. A total of 71 farmers and 19 RAWEP students were participated in this programme.

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

##### Exposure Visit to Radio Station for the RHWEF students

Dr.M.Balakrishna, Senior Scientist and Head, Dr. N. Srividya Rani, Scientist (Ag.Extn) and Dr.B.S.Kanthi Sri, Scientist (Home Science) from Krishi Vigyan Kendra, Vonipenta conducted Vocational training programme cum exposure visit to All India Radio, Kadapa, for RHWEF students of COH, AR Peta allotted to KVK, Vonipenta on 29.05.2024.



Sri Siva Krishna Reddy, Engineering Assistant from AIR, Kadapa explained about Radio programmes broadcasted through air on agriculture and horticulture aspects and functional pattern before broadcasting such as receiving and transmitting the message through the correct frequencies, avoiding noise and acoustics, and practically involved them in the activities.

## SPARK BULLETIN

### Monthly Momentum of Zone - X KVKs

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

##### Rythu Sadassu Cum Farmer Scientist interaction

Dr.K.L.Rao KVK, Garikapadu conducted Rythu Sadassu and Farmers scientists' interaction meeting in its adopted village, Pallagiri on 27-05-2024. These farmers were largely depends on livestock



for their livelihood in addition to farming under rainfed situation in order to create self- help employment opportunities and importing knowledge on crop production practices. Azolla units, poultry and sheep units have been started in the village with the support of KVK.

The models displayed on recent technology helped the villagers in updating the knowledge. The farmers and villagers depending on sheep and goat rearing got benefitted by this programme. The participants given with Vyavasaya Panchngam which contains package of practices of all agricultural crops.

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

##### Rythu Sasassu cum Agricultural Exhibition organised by RAWEP students

B.Sc. (Hons.) Agricultural Students of Agricultural College Bapatla 30 no.s were allotted for Krishi Vigyan Kendra, Ghantasala. The students organised the Rythu Sasassu cum Agricultural Exhibition on 27.05.2024 at ZPHS, Ghantasala, and displayed different crop technologies, Farmers and farm woman visited the stalls and after that Charcha Ghosti held on kharif 2024-25 crop preparedness.





## SPARK BULLETIN

### Monthly Momentum of Zone - X KVKs

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

##### Skill Development Training on Profitable Sheep and Goat Farming

KVK, Yagantipalle, organized a 5-day training programme on Profitable Sheep and Goat farming to rural youth under NAARM, Hyderabad SC SP program to enhance their livelihood through income generation activity from 21st - 25th May 2024. The Chief Guest Dr. Ch. Srinivasa Rao, Director, ICAR-NAARM, emphasized the significance of sheep and goat rearing in generating profitable income through a business model. He spoke about the need for alternative employment and income in rural areas, pointing out that income from rainfed agriculture is not always reliable.



Dr. M. Balakrishnan, Principal Scientist and Chairman, SCSP, ICAR-NAARM, and Dr. Dhanalakshmi, Sr. Scientist & Head, KVK, highlighted the potential of sheep and goat farming to boost family income with low initial investment and high economic returns. Booklet on the profitable management of intensive sheep farming was released and distributed to all the participants.

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

##### Rythusadassu and Agricultural exhibition organized by JCDR Agricultural RAWEP students

The Programme Coordinator and SMS (PP&E) participated in Rythusadassu and Agricultural exhibition organized by JCDR Agricultural RAWEP students.

Displayed models and posters about latest technologies in the exhibition, farmer-scientist interaction programme was organized and discussed about summer ploughing, importance of soil testing, various field problems faced by farmers in major crops and suggestions provided to the farmers on Ralladoddi (v), Yemmiganur (m) on 21.05.2024.



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

##### Awareness Programme on Natural Farming Practices

Awareness Programme was organized on Natural farming practices on 27-05-2024 at KVK Nellore. Dr.G.Lalitha Siva Jyothi, Programme Coordinator KVK Nellore in her speech, highlighted about the Importance of Natural farming and also enlightened the participants with various practices to be followed in Natural farming. Dr.S.Lokesh Babu, SMS(Extension) conducted method demonstration on preparation of various Kashaya's useful in Natural farming Practices.





## SPARK BULLETIN

### Monthly Momentum of Zone - X KVKs

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

##### Rythu Sadassu and Exhibition (RHWEF)

The KVK, Nellore 2, organized Rythu sadassu and Exhibition at Kammappalle village, Dakkili (M) on 29.5.2024. RHWEF students of K.B.R College of Horticulture, C.S.Puram exhibited models on



Vermicompost, IFS, Solar technology, Natural farming, Drone technology, Biofertilizers, ICM practices in Chilli and value added products in Acid lime.

Dr. B. Govindarajulu, PS & Head, KVK inaugurated the programme and Dr. P. Veeranna Goud, Associate Dean, KBR College of Horticulture was the Guest of Honour. Conducted Farmer - Scientist interaction programme and distributed soil

health cards to the farmers, Dr. B. Vijayasree, Scientist (Home Science) and Dr. P. Nagarajuna Reddy, Scientist (Agril. Extension), RHWEF In-charge, Dr. D. Thirupal, Scientist (Horticulture), Dr. I. Rajeevana, Scientist (Soil Science), KVK, Periyavaram, Sri. Anand Reddy, Horticulture Officer, Dakkili Mandal, farmers of Kammappalle and Vembuluru villages were participated in the activities.

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

##### Rythu Sadassu Organised under RHWEF - Dr. YSRHU-KVK, VR Gudem

Dr. T. Janakiram Vice-Chancellor, inaugurated the Rythu Sadassu organized on 28-05-2024, at KVK, Venkataramannagudem. The RHWEF students allotted to KVK prepared and displayed the technology models depicting the latest developments in farming i.e. IFS, Vertical Farming, Mulches and fertigation, Solar and wind energy utilization, digital technologies for best extension services, e-Marketing etc. Cultural activities to educate the farmers on government schemes to utilize the drone technology, mobile applications etc., were also performed. Dr. E. Karuna Sree, Director of Extension and Dr. A.S. Padmavathamma Dean of Horticulture interacted with the farmers.



The host farmers interacted about village cropping pattern and students activities that helped them to know about timely advisories and information about the latest technologies.

## SPARK BULLETIN

### Monthly Momentum of Zone - X KVKs

#### ➤ ICAR - KVK, Sirkakulam, Andhra Pradesh

##### Training Programme on value addition of millets

Attended 15 days training programme on value addition of millets HDSA-NGO convergence, NABARD Micro Entrepreneur Development Programme (MEDP) Conducted at Community Hall, Voppangi



Village. Srikakulam District as resource person products such as Jower biscuits, Jower Salt biscuits, Vamu biscuits, sama murukulu, oodha ribbon pakodi jower cake, korra mixture etc were prepared hands on training was given in preparation of processed products, 30 SC-women were participated the programme, Technical support was given by Dr.B.Suneetha, SMS (Home Science), KVK Amadalavalasa.

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

##### Capacity building to RBK Staff

Scientists from KVK, Kondempudi organized a one-day capacity-building training program for RBK staff from the Narsipatnam and Anakapalli sub-divisions on 25.05.2024. The Programme Coordinator discussed significant pests and diseases affecting various local crops.

The SMS (Crop Production), provided information on alternative crop varieties to address seed shortages. The SMS (Horticulture) highlighted key cultivars of chilli, brinjal, marigold, gladiolus and papaya. The SMS (Extension) conducted an analysis of the various challenges faced by RBK staff in their job roles. Meanwhile, the SMS (Agricultural Engineering) emphasized the importance of different ploughing implements and their application across various crops.





## SPARK BULLETIN

### Monthly Momentum of Zone - X KVKs

#### ➤ ICAR - KVK, Vizianagaram, Andhra Pradesh

##### Agricultural Exhibition cum Rythusadassu



KVK staff participated in Agricultural Exhibition cum Rythusadassu organized by RAWEP students at Gavarampeta village on 16.5.24 as part of their programme. RAWEP students displayed models on Vermicompost preparation, Annapurna model, IFS, Solar technology, Natural farming, Biofertilizers, Package of practices in Paddy.

Farmer-Scientist Interaction was held about summer ploughing, importance of soil testing, various problems faced by farmers in kharif crops and suggestions were also made. Agriculture and allied

sector department officials also participated in this programme. A total of 132 farmers participated in the programme.

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

##### World Bee day and interaction with Bee keeping entrepreneurs and Students

At KVK, Undi on 20.05.2024, World Bee day was organized in view of birth anniversary of Anton Jansa (20.05.1734) who has mastered the skill of beekeeping. Bee keeping entrepreneurs and students were made aware of the theme of World bee day 2024, such as honey bees in increasing crop yields, Pesticide usage endangered of honey bees, procedure for testing of quality honey etc. In this interaction, progressive entrepreneurs shared their experiences in bee keeping.



The entrepreneurs quoted that one time investment in bee keeping can give returns year by year with necessary protective measures. Bee keeping can be taken up as the regular income generation activity. Besides honey, other products like bee pollen, bee wax, propolis are being produced and sold by some entrepreneurs and getting higher income.



## SPARK BULLETIN

### Monthly Momentum of Zone - X KVKs

#### Telengana

##### ➤ ICAR - KVK, Adilabad, Telangana

#### Golden Jubilee Celebrations: A milestone in KVK Adilabad's journey towards agricultural excellence

KVK, Adilabad organized stakeholders meet as a part of the Golden Jubilee celebrations on May 27, 2024 which was initiated by ICAR-ATARI Zone X. Distinguished guests from Agrl. College, Agricultural



Research Station and allied Departments graced the occasion.

Dr. Y. Praveen Kumar, highlighted KVK Adilabad's evolution and contributions, emphasizing its impact on farmer welfare. Stakeholders shared testimonials on KVK's transformative initiatives. The event concluded with underscoring of KVK's profound influence on agricultural prosperity.

##### ➤ ICAR - KVK, Khammam 1, Telangana

#### KVK, Wyra - Seed Mela on 24.05.2024

KVK, Wyra arranged "Seed Mela" meeting to sensitize the farmers and farm women regarding need for selecting good quality seeds, various technologies available to reduce water usage and reduce cost of cultivation like direct seeded rice cultivation, HDPs in cotton, good cultivation practices for improving pulses yield, drip irrigation for maize and vegetables crops along with trellis and mulching for vegetable crops.



As part of pre-kharif campaign, the farmers were sensitized on summer ploughing and use of green manuring prior to kharif sowings. The effective use of fertilizers also reduced the degradation of soil humus after soil testing and use of natural manures through vermicomposting for organic farming and other technologies for restoring soil organic carbon for better productivity as land under cultivation is decreasing continuously due to population explosion.

## SPARK BULLETIN

### Monthly Momentum of Zone - X KVKs

#### ➤ ICAR – KVK, Khammam 2, Telangana

##### Golden Jubilee Celebrations of KVKs at Bhadradri Kothagudem District.

KVK, Bhadradri, Kothagudem celebrated Golden Jubilee Year of KVKs on 7th and 8th May, 2024 at KVK Office and Integrated District Officers Complex, Bhadradri Kothagudem respectively. Hon'ble



District Collector & Magistrate Smt. Priyanka Ala has attended as Chief Guest of the programme and appreciated the efforts of KVKs in the dissemination of technologies. Dr. V. Lakshmi Narayanamma, Programme co-ordinator has explained about the low-cost production technologies promoted by the KVKs to curtail the cost of cultivation.

#### ➤ ICAR – KVK, Karimnagar 1, Telangana

##### Golden Jubilee Celebrations of KVKs

Three days Golden Jubilee celebrations of KVKs from 14<sup>th</sup> May to 16<sup>th</sup> May, 2024. Day - 1(14.05.2024) KVK, Jammikunta celebrated Golden Jubilee Year of KVKs to commemorate the 50<sup>th</sup> year since its inception. Dr. N Venkateshwar Rao, Sr. Scientist and Head explained about the KVK mandated activities and its contribution to the farming community.



Dr. Cheralu, Retired ADR participated as a guest of honour on 15.05.2024 shared his experience with KVKs and its importance and playing vital role in connecting Research and farmers. As a Chief guest of the programme B Srinivas, DAO has explained about the relation between KVK and Dept of Agriculture, Horticulture and Allied Departments and its contribution for the farming community through various programmes like field visits, trainings and new variety trials N. Priya Darshini, PD, ATMA delivered about Central Govt. works taken up through KVKs and ATMA successfully and effectively.

## SPARK BULLETIN

### Monthly Momentum of Zone - X KVKs

#### ➤ ICAR – KVK, Mahbubnagar 1, Telangana

##### Preparedness for Kharif 2024

YFA-KVK organized pre-Kharif Awareness programme at Peddagudem village, Wanaparthy mandal, Telangana on 29.05.2024 on preparedness for Kharif 2024 along with Department of Agriculture,



Wanaparthy, Telangana. SMS (Agrl. Extension) along with Mandal Agriculture officer highlighted on different seed varieties available, its duration, accessibility for the major crops (Paddy, Pulses and Groundnut) of the selected mandal.

Advocated the risk mitigating technologies under rainfed farming such as crop diversification in pulses, oilseeds and millets and rainwater harvesting techniques. The programme focused on soil health management through vermicomposting, green manuring and crop residue management. A total of 52 farmers, farm women and agriculture youth took part in the programme.

#### ➤ ICAR – KVK, Mancheril, Telangana

##### Golden Jubilee Celebration

KVK, Bellampalli, Mancheril District received the Golden Jubilee torch from KVK, Ramagirikhilla, Peddapalli District on 22.05.2024 and organized different activities from 22<sup>nd</sup> – 24<sup>th</sup> May, 2024. On this occasion, awareness and seed distribution programmes were planned. Dr. Shivakrishna Kota, Programme Coordinator, KVK, Mancheril highlighted the role and mandate of KVKs, services of KVK in farmers welfare, evolution of KVK system in India and establishment of first KVK at Pondicherry.



Later, created awareness on Dry Direct Seeded Rice, Production Technology of HDPS in Cotton, Importance of Seed Treatment, Formation of FPOs etc. Further, Golden Jubilee Torch was displayed and celebrated with 171 No. of farmers during those 3 days.



## SPARK BULLETIN

### Monthly Momentum of Zone - X KVKs

#### ➤ ICAR – KVK, Medak 1, Telangana

##### Mango Festival in DDS KVK Leadership

The mango festival was held in DDS, KVK on May 26, attracting large number of visitors from Hyderabad. The festival aimed at showcasing the diversity and richness of mangoes cultivated by local



farmers. and showcased 28 varieties of mangoes including rare and indigenous types, Malgoba, Safeda, Lalbagh, Vanraj, Shahjahan, etc. The event also included various mango-based dishes and drinks prepared for the fabric.

Dr. C. Vara Prasad, Senior Scientist and Head, DDS KVK, recalled the mango cultivation history at the time of Nizam rule in the region and urged value addition to be practiced. Mrs G. Shailaja, SMS (Horticulture), spoke about the scientific cultivation practices of mango orchards. The event provided a platform for women farmers to showcase their produce, share knowledge and network with other farmers and potential buyers.

#### ➤ ICAR – KVK, Medak 2, Telangana

##### Golden Jubilee Celebrations of KVK's

On occasion of Golden Jubilee Celebrations of KVKs, KVK, Tuniki received the torch from KVK, Rudrur, Nizambad. As a part of the event KVK, organized an awareness programme. During the programme KVK Scientists explained about on-going KVK activities and programs, need based training programmes and capacity building programme conducted by KVK, supply of bio-fertilizers, organic inputs to farmers.



Production of quality seeds, planting materials and distributions to farmers. Exhibition stalls of Bio fertilizers, organic inputs and value added lab products were arranged and also explained about pre kharif activities for good crop yield.

## SPARK BULLETIN

### Monthly Momentum of Zone - X KVKs

#### ➤ ICAR - KVK, Nalgonda 1, Telangana

##### Inauguration of Small Scale Millet Processing Unit Under SCSP

SAIRD KVK-Gaddipally Inaugurated Small Scale Millet Processing Unit Under Scheduled Caste Sub Plan (SCSP) at Kalmalchervu Village, Garidepally Mandal, Suryapeta District on 18.05.2024. Smt.



N. Sugandhi, PA (Home Science), emphasized on the nutritional benefits of millets in daily life, highlighting the market demand for value-added millet products.

A group of six SC women is running the unit. To support their operations, a gas oven and necessary kitchen items were distributed to the group. A demonstration on making millet-based bakery biscuits was arranged. A total of 12 members participated in the event.

#### ➤ ICAR - KVK, Nalgonda 2, Telangana

##### Seed mela

During the seed mela, Dr. S. Srinivasa Rao, Programme Coordinator of KVK explained the characteristics and yield performance of paddy varieties such as KNM 118, JGL 24423, JGL 27356, and BPT 5204. Later, Dr. N. Lingaiah, Senior Scientist and Head of ARS, explained the objectives of seed mela, characters of KPS 2874, KPS 625 paddy varieties and availability of paddy seed at ARS, Kampasagar. Smt. S. Pallavi gave a brief overview of paddy varieties suitable for the Nalgonda region.



A total of 76 farmers from different villages like Thadakamalla, Bommakal, Tripuraram, komatigudem, Haliya, Suryapet, Nalgonda, Vallabhapuram Village were participated in the programme.

#### ➤ ICAR - KVK, Warangal 2, Telangana

##### Golden Jubilee celebration of KVKs

KVK Mamnoor celebrated Golden Jubilee Year of KVK's in commemoration of 50 years since inception of first KVK. Dr. N. Rajanna, Programme Coordinator and Head, briefed about the significance of the Golden Jubilee celebration. He urged the contact farmers to act as ambassadors of the KVK. Dr. Ch. Sowmya explained in detail, the history of KVK Mamnoor right from its inception, its outreach, technologies demonstrated and significant achievements.



Dr. Srinivas Reddy, AD, CVSC Mamnoor attended the celebration as chief guest and urged farmers to utilize the services of KVK and act as catalysts in disseminating information to a wider platform. On this occasion, few farmers from select villages were felicitated.



## SPARK BULLETIN

### Monthly Momentum of Zone - X KVKs

#### ➤ ICAR – KVK, Nizamabad, Telangana

##### Director ATARI Zone-X, Hyderabad visit and interaction with farmers

Dr. Shaik N. Meera, Hon'ble Director ATARI, Zone-X, Hyderabad visited KVK, Nizamabad and interacted with farmers and rural women. He inaugurated the soil testing lab at KVK and visited demo



units and interacted with scientific staff and farmers regarding functioning, cost economics, suitability of demo units at farmer's field conditions, revenue generation and promoting all in a large scale manner in the district

He interacted with farmers and rural youth to know about the services of KVKs, potential areas in the district and technical services needed by KVK. He emphasized that farmers should focus on value

addition of the produce and innovative marketing of the produce and appreciated the KVK team for their impactful intervention in Turmeric through value addition activities and promotion, branding and marketing through Morthad fed FPO

#### ➤ ICAR – KVK, Warangal 1, Telangana

##### KVK, Malyal distributed “Poultry birds” under Tribal Sub Plan

KVK, Malyal distributed 1000 Nos. of poultry birds (1month old, Gramapriya chicks) to tribal farmer beneficiaries under Tribal Sub Plan, 2022-23 and 2023-24 in TSP adopted villages. Sri Srikanth, Veterinary Assistant Surgeon (VAS), Kothaguda explained about the characters of breed, care to be taken for distributed chicks during this summer. Dr. S. Malathi, Programme Coordinator suggested to meet daily requirements of proteins for their families through eggs to overcome malnutritional problems and wherever possible multiply these chicks in more numbers and establish backyard poultry as micro level enterprise for increasing family income.



Dr. E. Rambabu, SMS (Horticulture), Smt. Sushmitha, AEO, Kothaguda cluster and 200 number of tribal farmer beneficiaries (Doravarivempally - 92; Eshwaragudem - 61; Ootla - 47) participated in the programme.



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#### Puducherry

#### ➤ ICAR - KVK, Puducherry

##### Agricultural Engineering Students Internship Programme at KVK, Puducherry

The Students of Perunthalaivar Kamaraj Institute of Engineering and Technology, Karaikal who are currently pursuing B.Tech underwent a Internship Training programme for 8 weeks of April and May 2024.



The students were given practical, exposure in the field of Agricultural Engineering like soil & water conservation, Farm Machinery and Power, Agricultural Processing, Agricultural structures & Bio-Energy. Lectures and Practical Training were given. The students were imparted training and practical exposure of the latest agricultural farm equipments and the farm machinery equipments used. The students were trained about the Design and installation of drip and sprinkler irrigation systems with practical exposure in KVK farm. A total of 20 students participated in the training programme.

#### ➤ ICAR - KVK, Karaikal, Puducherry

##### Joint Diagnostic Visit to Fields Affected by Abnormal Rainfall

The Department of Agriculture and Farmers' welfare, Karaikal, organized a field inspection visit by the team of scientists from KVK and PAJANCOA to sample fields of all communes in order to assess the damage of crops and yield loss in cotton crop that affected due to abnormal rainfall event during the first week of May-2024. Recommendations were given to farmers for mitigating the situation.



**MAY 2024**

# **SPARK BULLETIN**

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Your guide to the latest news and updates

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