



SPARK BULLETIN

Monthly Momentum of Zone - X KVKs
Your guide to the latest news and updates

OCTOBER 2023



ICAR - Agricultural Technology Application Research Institute (ATARI)
Zone - X, Hyderabad
&
Directorate of Extension Education
Tamil Nadu Agricultural University, Coimbatore

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TAMIL NADU AGRICULTURAL UNIVERSITY

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Message

I am delighted to note that ICAR KVKs across the zone X had implemented a number of programmes related to SC/SP, Farmers- Scientists Interaction meet, Skill Training for Rural Youth, Value addition trainings, Celebrations of World Egg Day, World Food Day and Mahila Kisan Diwas, Field days, and capacity building programmes for FPOs.

This October, North - east monsoon had commenced and KVKs are busy in providing advisory services to the farmers and in implementing their mandated activities. I urge all our Scientists in KVKs to effectively utilize the services of District Agromet Units (DAMU) at KVKs. Further, to attain sustainable farming, it is essential to focus on promoting Integrated Farming System, Climate resilient technologies, Organic and natural farming practices. Hence the information about the above aspects and the use of ICT tools, IoT, drones and automation in agriculture may be disseminated so as to improve the efficiency in farming.

I extend my season's greetings, on the occasion of Diwali to all the Scientists, staff of KVKs, DEEs, Director, ICAR-ATARI and his team. My compliments to all those involved in contributing, editing and bringing out this news bulletin.

(V. GEETHALAKSHMI)

Place: Coimbatore
Date: 18.11.2023



Dr. Shaik N Meera
Director
ICAR - ATARI, Zone X



डॉ. शेक एन. मीरा
Dr. Shaik N. Meera
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From the Director, ICAR-ATARI's Desk

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MESSAGE

Dear Readers,

I am glad to publish our October month publication of "SPARK BULLETIN," which chronicles the glimpses of extension interventions of ICAR KVKs under ICARATRAI, Zone X, Hyderabad. I am sure this initiative enhances the knowledge, promote innovation and creativity among KVK scientists and ultimately promote sustainable agricultural growth in our region.

The GOI and other stakeholders in India, look up to KVK system for partnership, collaboration in reaching out to the farmers. During October 2023, I am happy to note that ICAR KVKs across the zone X had implemented programmes suited for the localized problems with context specific solutions, climate resilient technologies, programmes for SC/SP, Farmers, Rural Youth, Women Empowerment and Innovative Outreach methods through the use of Digital media such as WhatsApp etc. in collaboration with various stakeholders including district administration and state development departments and ICAR institutes.

Together, we will continue to provide time critical, need based interventions and transform our farmers and agriculture.

(Shaik N. Meera)

From DEE's Desk



Dr. P.P. Murugan
Director of Extension Education
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TAMIL NADU AGRICULTURAL UNIVERSITY Directorate of Extension Education

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Message

Dear Readers,

It gives me immense pleasure to present the October month "SPARK BULLETIN"- The Monthly Momentum of Zone – X KVKs. I am happy to note that the overwhelming response by all the Scientists of ICAR KVKs in Zone X in enthusiastically sharing their significant activities of their KVKs to this SPARK bulletin.

This bulletin showcased the KVKs interventions are implemented with collaboration, participation, need based and timely. The diversity of activities is witnessed across KVKs from Celebrations of important days, needs based awareness programmes, field days, method demonstrations and to programmed interventions such as FLDs and OFTs.

I whole heartedly thank the Respected Vice-Chancellor, TNAU for her valuable guidance and the Director, ICAR-ATARI, Zone X, Hyderabad, Directors of Extension, Programme Coordinators and scientists of KVKs for their support in bringing out this SPARK News bulletin.


(P.P. MURUGAN)

Place: Coimbatore

Date: 17.11.2023

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Tamil Nadu

ICAR - KVK, Ariyalur, Tamil Nadu

Cashew Shelling Unit under ICAR-SCSP for Employment Generation

KVK Ariyalur (Hosted by CREED) is implementing SCSP programme to empower the SC population, as 24% of the district population come under SC category. During the year 2022-23, installation of cashew shelling machine at Veerakkan village of Sendurai block was done to provide year round employment to the SC women in the village. Ten cashew shelling units were placed in a cashew factory in the same village to provide shift based employment to 20-25 SC women.

They are getting a wage of Rs.24/kg for finished nuts and a women can de-shell 12-15 kg in six hours thus earn Rs.288 to 360/- per day. KVK team comprising of Senior Scientist and Head, SMS (Agri. Extn.), SMS (Home Science) visited the unit on 26.10.2023 and collected data on number of labour days generated in the last six months. Presently the total wage earned by the landless SC women amounted to Rs.5,18,400/-.



ICAR-KVK, Coimbatore, Tamil Nadu

Farmer's Interactive Meeting - NFSM on Cotton

KVK Coimbatore conducted an interactive meeting of National Food Security Mission (NFSM) special project on Cotton of ICAR-CICR Scheme on 19.10.2023 at Vellamadai village wherein 38 stakeholders participated. The Chairman of Sangamam FPO ShriKrishnasamy, Dr. Balasubramaniam, Head, Crop Science, ICAR CICR, Nagpur graced the interactive meeting and briefed the scheme. The prime objective of the scheme was to enhance the area under cotton and large-scale demonstration of key technologies viz., High Density Planting System (HDPS).

The interactive meeting was presided over by Dr. P. Kumaravadivelu Senior Scientist and Head, ICAR

KVK Coimbatore and Mr. S. Sureshkumar, SMS Agronomy, explained about cotton growing technologies. Scientists from ICAR CICR Coimbatore Dr Sankaranarayanan, Dr. Ishabella and Dr. Rathinavelu explained about importance of IPM in controlling the incidence of Pink boll worm. Mr. Rahamathulla, ADA, Sarkarasamakulam was also present during the meeting and sensitized the farmers on significance of growing cotton.



ICAR-KVK, Cuddalore, Tamil Nadu

Wild Boar Management Using Bio-Repellents

KVK, Cuddalore organised an Off-Campus Training on “Bio-repellents against wildboar management in Maize” on 18.10.2023 at Kattumailure of Nallur Block. Dr. J. Jayakumar, SMS Nematology along with the Officials of State Department of Forest explained methodology how to use the bio-repellents to repel the wild boar. Wild boar menace was found as the major concern among the farmers doing agriculture near to forest regions.

The wild boar causes heavy economic damage to the farmers. To get rid of such wild boar incidences the use of KVK, Vellore developed wild boar repellent was demonstrated to the farmers. About 45 farmers participated in the training and got benefited.



ICAR-KVK, Dharmapuri, Tamil Nadu

Farmers - Scientist Interaction and Inputs Distribution Under ICAR-SCSP

Farmers – Scientist interaction meeting and input distribution under SCSP programme was organized at KVK, Dharmapuri on 13.10.2023. The Programme Coordinator, KVK, Dharmapuri delivered welcome address, the Director of Extension Education, Tamil Nadu Agricultural University, Coimbatore delivered key note address and briefed about the technological support and inputs provided to the farmers under SCSP component. Further DEE insisted the farmers to take up self-employment ventures suitable to their locality. Awareness was created about the schemes of development departments.

As a part of the interaction meeting, the critical inputs like Coconut climber, Solar trap, Cono weeder, biocontrol agents and vegetable seeds were distributed to the SC farmers of Kodupatti, Dhasampatti, B.Agraharam, K.Agraharam and Pudur villages. About 150 Scheduled Caste farmers participated and got benefitted under ICAR-SCSP. rs on significance of growing cotton.



ICAR-KVK, Dindigul, Tamil Nadu

Field Day on Groundnut variety Lepakshi under CFLD Programme

KVK, Dindigul organised field day on groundnut variety (K-1812) under CFLD on Oilseeds scheme at Marampadi village, Vedasanthur Block, Dindigul District on 27.10.2023. The groundnut variety K-1812 was popularised in the farmers location through large scale cluster demonstration to show the production potential of the variety. During the field day, the KVK scientist explained about the varietal characteristics and performance of Lepakshi groundnut variety, particularly its yield potential and drought tolerance nature.



Similarly, the best management practices (Seed rate, Seed treatment, weed management, INM, TNAU Groundnut rich application, Gypsum application) were also taught to the farmers. At the end of the field day programme, a success farmer shared his experience about the Lepakshi variety and its performance to the peer groundnut growing farmers. The field day was witnessed by 43 farmers and extension officials.

ICAR-KVK, Erode, Tamil Nadu

Farmers-Scientist Interface at XVI National Science Congress

National Academy of Agriculture Science (NAAS) organized XVI Agriculture Science Congress at Kochi, Kerala from 10th Oct-13th Oct 2023. The hon'ble Union minister for Fisheries, Animal Husbandry and Dairying Shri Parshottam Rupala gave inaugural address on importance of organic agriculture and emphasized on products such as pokkali rice. Dr. Himanshu Pathak, Secretary, DARE and DG, ICAR, delivered the presidential address on genomic editing. Kerala Agriculture Minister P. Prasad stressed the need to ensure availability of economically priced nutritious food in the country.



As part of the grand event, Farmer-Scientist interface was organised by the organisers, where 25 farmers from Tamil Nadu including 3 farmers from Erode district participated in the event and visited ASC Expo. Dr R.R.Burmen, ADG, ICAR and Dr. Shaik N Meera, Director - ATARI Zone X, interacted with the farmers and visited the stalls of Zone-X KVKs and appreciated the intervention & innovation done by KVKs of Zone X.

ICAR-KVK, Kancheepuram, Tamil Nadu

Mega Animal Health Camp cum Exhibition

KVK, Kancheepuram participated in the Mega Animal Health camp and Exhibition organized by Animal Husbandry Department, Chengalpattu District at Manapakkam village of Thirukalukundram Block on 19.10.2023.

Th. T.M.Anbarasan, Honourable Minister for Rural industries presided the programme. Newer Livestock technologies such as management of Native and cross breeds, selection of dairy cows, housing, feeding and disease management in dairy cows and buffaloes, farm waste management techniques, Ethno Veterinary medicine to prevent disease in dairy animals and clean milk production techniques were sensitised to the farmers through technical products, charts and other forms of display materials. Awareness was created on TANUVAS -GRAND supplement and distributed to the dairy farmers. The Regional Joint Director (AH), DDAH, ADAHs, VAS, Chengalpattu participated in the programme and graced the event.



ICAR-KVK, Kanniyakumari, Tamil Nadu

District Collector's visit to KVK

The District Collector Shri. P.N. Sridhar, IAS visited KVK, Kanniyakumari on 13.10.2023. The Programme Coordinator Dr.S.Suresh explained in detail about all the KVK activities including OFTs, FLDs, Training programs etc., An exhibition was arranged to depict the various technologies for crop production and crop protection of agricultural and horticultural crops of Kanyakumari district. Products of ARYA enterprises were also showcased.



The successful ARYA entrepreneur's product of Mr. COCO was highly appreciated by the district collector. The Collector visited all the demo units viz., vermicompost unit, slatted goat unit, apiary unit, traditional rice cafeteria and TPS-5 seed production field of KVK instructional farm. Planting of Mahogani was taken up in the premises of KVK by the District Collector. The collector congratulated the KVK team and emphasized to continue the service for the benefit of farmers of Kanyakumari district.

ICAR-KVK, Karur, Tamil Nadu

World Food Day Seminar

As a part of the World Food day celebration, KVK, Karur organised District level Seminar on Value addition in millets at Krishnarayapuram block in Karur district on 16.10.2023. Joint Director of Agriculture (i/c) presided over the programme and Dr.P.TamilSelvi, SMS (Agrl.Extension) gave welcome address. Dr.J.Diraviam, Senior Scientist and Head, ICAR KVK, Karur gave technical speech on theme on World Food Day. Dr.Muthusamy, Professor, Agricultural College & Research Institute, Karur handled session on Bio-fortified millet varieties, Dr.Shiva, Principle scientist, NRCB, Trichy handled session on Value added products in banana and Dr.Malathi, SMS (Home science), KVK explained about value added products in millets.



Dr.Amutha, Professor&Head, VUTRC, Karur delivered lecture on nutritional benefits of value added products in poultry. Competition on traditional value-added products in millets was conducted and prizes were distributed. Totally 45 farmers, farm women and FPC members participated and got benefitted from the programme.

ICAR-KVK, Krishnagiri, Tamil Nadu

Farmers Scientist Interaction and Input Distribution under DAPSC

KVK, Krishnagiri organised Farmers-Scientist Interaction cum Inputs Distribution programme under DAPSC at Bannihalli Village on 13.10.2023. Dr.P.P.Murugan, the Director of Extension Education, TNAU, presided over the program and issued coconut-tree climbing equipment, horse gram seeds, mango micronutrient mixture and ProBeads-EC for domestic chickens to the selected farmers.



Dr. T. Sundarraj, Senior Scientist & Head, briefed the activities of the KVK. A Farmer Scientist Interaction programme was also conducted involving the technical experts from KVK and TNAU. The problems faced by the farmers pertaining to soil resource management, farm machinery and poultry farming were discussed. Dr. K. Vennila, Programme Coordinator, KVK, Dharmapuri and Mr.Ramasamy, AAO and 50 farmers participated in the programme and got benefitted.

ICAR-KVK, Madurai, Tamil Nadu

EDP Training on "Value addition of Millets"

EDP on "Value addition of millets" was organized at KVK, Madurai for five days from 09.10.2023 to 13.10.2023. Totally 25 participants participated in this training. Dr. E. Subramanian, Programme Coordinator, KVK, Madurai delivered a special lecture on "ICM in millets". Mrs. K. Valarmathi, Entrepreneur, SVL Millets, Madurai gave Hands on training on the preparation of ready to eat food mixes.

Mr. Balaji, Secretary, Uzhavan Unavagam gave Hands on training on the preparation of ready to cook items. Dr. J. Selvi, SMS (H.Sc.) gave Hands on training on the preparation of pearl millet cake, sweet cookies, and ragi chilli biscuits. Participants were taken to SVL Millet food products and AGMARK, KK Nagar for exposure visit. Mr. Karunanithi, FSO, Madurai explained the procedure involved for getting FSSAI license. Dr. B. Bhakiyathu Saliha, Professor distributed the certificates.



ICAR-KVK, The Nilgiris, Tamil Nadu

Capacity building programme to the tribal farmers on Vermicompost technology

The Nilgiris district farmers are interested towards organic cultivation and the tribal farmers are practicing innovative methods in Organic agriculture. There are hamlets in the Nilgiris which has highest population of native cows for their livelihood. In order to increase the efficiency and scientific skills of the farmers an Exposure visit and Capacity building programme was organised at the KVK Wood house farm on 17.10.2023. Thirty Tribal farmers from Gudalur block participated in the programme. These tribal farmers are agriculturalists and mainly depending on livestock also for their livelihood as well as organic inputs production. These farming community is specially engaged in vermicompost production. As a part of the tribal welfare activities of the Rural Development Organisation trust, the farmers attended the exposure visit to the KVK, Wood house farm and the training programme.

They shared their experience as organic cultivators and the special features of the native breed cow they own. The programme was inaugurated by the Programme Coordinator of the KVK Dr. S. P. Thamaraiselvi.

The RDO trust Chairman Dr. Perumal and CEO Thiru. Rajkumar felicitated the gathering. Technical session was handled by Dr. R. M. Jayabalakrishnan and Dr. C. Cinthia Fernandez proposed the formal vote of thanks. The farmers belong to the Bokkapuram village of Gudalur block. A practical session was handled for the farmers on the how to do of vermicompost technologies. The farmers and farm women felt that it was a very informative programme.



ICAR-KVK, Namakkal, Tamil Nadu

Awareness cum training programme on Provisions of the Protection of Plant Varieties and Farmers Right Act 2001

Dr. Shaik N. Meera, Director, ICAR ATARI, Hyderabad inaugurated the thematic exhibition arranged on tapioca varieties and related technologies, visited the stall and interacted with farmers along with other dignitaries. Then narrated the role of KVK and ICAR and registration of plant varieties for upliftment of farming community. Released five booklets related to PPVFRA and latest technologies in agrl. Followed by Dr. G. Byju, Director, CTCRI, Thiruvananthapuram discussed about CTCRI technologies. Dr.P.P.Murugan, Director, TNAU, Coimbatore narrated the significance of protection of plant varieties for germplasm maintenance.



Dr.M.Selvaraju, Dean VCRI, Namakkal delivered address on utilization of tapioca products for balanced ration in livestock farming. Also arranged technical sessions & agrl. method demonstration on foliar spraying of Nano urea in Paddy field and CTCRI Tapioca micronutrients special in tapioca field with drone. All dignitaries were planted coconut saplings in the KVK Premises. Honoured 8 farmers who cultivated traditional and improved varieties in tuber crop.

ICAR-KVK, Nagapattinam, Tamil Nadu

Farmer Scientist Interface Meeting

KVK, Nagapattinam participated and exhibited the products at the Exhibition during the recently organised XVI Agricultural Science Congress (ASC) 2023 at Kochi on 12.10.2023. Three farmers namely K. Mariappan, C. Kaviyaran and T. Mariyappan from Nagapattinam district nominated by KVK, Sikkal were accompanied by E.Hino Fernando, SMS (Fish. Extn.) for the Farmer Scientist Interface meeting. Farmers shared their experiences and contemporary issues faced in agriculture for a possible solution in this meeting. Dr. Sheik N. Meera, Director, ATARI zone X also witnessed the presence of KVK, Nagapattinam.



ICAR-KVK, Perambalur, Tamil Nadu

Three Days Skill Training on Processing & Value Addition in Millets

KVK, Perambalur organized three days (12.10.2023 to 14.10.2023) skill training on "Processing and value addition in Millets" with an objective of increasing consumption of millets as well as increasing farmer's income. Ms. S. Kokilavani SMS (Home Science) handled the three days training programme. The Day-1 activity was a brief on healthy breakfast food items.

The Day-2 activity was a hands on training on various millet by-products like millet biscuits, millet laddu and multigrain health mix from various millets and Day-3 activity was the demonstrations and hands on training on preparation of millet savouries. She explained about different packaging materials to increase the shelf life of products and also gave a note on procedure to get FSSAI licence. Totally 22 participants participated in this skill training programme. At the end of the programme, participation certificate was distributed to beneficiaries.



ICAR-KVK, Pudukkottai Tamil Nadu

Rabi Season Training Programme & Input Distribution

KVK, Pudukkottai organized one day training programme on Rabi cultivation package of practices to the district farmers on 31.10.2023. Dr A. Yuvaraja, Programme Coordinator, KVK, Pudukkottai welcomed the gathering. Dr. R. Tamizh Venden, The Registrar, TNAU, Coimbatore presided over the programme and delivered inaugural address.

The Registrar, TNAU emphasized the importance of KVKs in technology dissemination in his speech. Seven technical sessions viz., improved varieties by Dr. A. Yuvaraja, Organic farming practices by Dr. A. Alagesan, SMS (AGR), Seed Production techniques by Dr. V. Vijayalakshmi, SMS (SST), IPDM by

Dr. A. Senthil Kumar, SMS (PP), Vegetable cultivation by Dr. S. Muthuramalingam SMS (Hort.) and Value addition by Dr. S. Jesupriya Poornakala SMS (FSN) in major crops were covered. At the end of the programme, the critical inputs like Blackgram VBN (10) Seeds, Refracto Meter, Vermicopost and Multivitamin green seedlings were distributed to Scheduled Caste Farmers. A total of 40 farmers, farm women and rural youth participated and got benefitted.



ICAR-KVK, Ramanathapuram, Tamil Nadu

Interventions on Weed Management in Semidry Rice

Paddy is the major crop in Ramanathapuram district, cultivated in 1.38 lakh ha area under semi dry condition. Rainfall is one of the factor decides the success of the crop. Weed management is one of the major management practices to achieve the full yield potential of the crop under semidry condition. Ramanathapuram has made interventions on weed management in semi dry paddy for cost reduction and timely weed management to achieve higher yield through establishing a model unit on the effect of different herbicides in weed control.

Diagnostic field visits and advisory to the farmers at field level were done on 09.10.2023. Also imparted training on selection of herbicide based on the stage of the crop and weeds, quantity of spray volume, selection of nozzles, avoiding over dose and top dressing management to the paddy growers and extension officials of Ramanathapuram district on 17.10.2023



ICAR-KVK, Salem, Tamil Nadu

Certificate Course on Coconut Cultivation Technology

Coconut is being cultivated in an area of 14000 acin Salem district. Based on the interest of the farmers, KVK Salem serves as the centre for offering certificate course on Coconut Cultivation Technology under Open & Distance Learning, TNAU, Coimbatore. The inaugural programme was organised at KVK, Salem on 12.10.2023.

Dr.R.Jegethambal, The Programme Coordinator, KVK, Salem welcomed the gatherings.

Dr. K. Rajamanickam, Adjunct Professor and Member (CDB) R&D, Course Coordinator, DODL, TNAU briefed the content and benefits about the course. Dr.P.P.Murugan, the DEE, TNAU felicitated the event and briefed the importance and scope of coconut cultivation. Dr.P.Balasubramaniam, Director, DODL, TNAU delivered the inaugural address and explained about the role of DODL in educating farmers. During the event Coconut Cultivation Technology book was released. Totally 30 members registered for this course got benefitted.



ICAR-KVK, Sivaganga, Tamil Nadu

Celebrated World Egg Day

KVK, Sivaganga celebrated World Egg Day on 13.10.2023 at S.R. Pattinam, Village, Sivaganga District with this year's theme of 'Eggs for a Healthy Future' to increase the awareness about the role of egg in food and nutritional security. About 56 farmers and farmwomen participated in this programme. The programme was felicitated by the Dean and faculties of Sethu Bhaskara Agricultural College and Village President. Dr.S.SendurKumaran, Professor and Head enlightened about the role and importance of Desi fowl rearing for livelihood of farmers.



Dr V. Ramakrishnan, Animal science expert of KVK briefly described about the importance of egg in our daily life. The importance of egg for school children and pregnant women were sensitised and explained different poultry breeds. Dr. L. Vimalendran, Assistant Professor briefed about Azolla production and poultry feed as a protein source. Boiled eggs were distributed at the end to celebrate the day in the perfect manner.

ICAR-KVK, Theni, Tamil Nadu

Skill Training for Rural Youth (STRY) on Millet Cultivation & Value Addition

The skill training on Millets Cultivation & Value Addition was organised at KVK Theni for six days from 09.10.2023 to 14.10.2023 for the benefit of rural youths. Mr.P.Maheswaran, PC (i/c) welcomed the gathering. Dr.P.Patchaimal Chairman KVK delivered the presidential address followed by keynote address by Mrs.P.Shanthi DD (ATMA-FTC).

The six days skill training programme, covered various technical and practical sessions on millet processing, value addition. The topics viz., biofortified millet varieties and its cultivation techniques was

handled by P.Maheswaran, PC (i/c). Lecture delivered on value addition in millets and method demonstration of different millet based value added products, FSSAI, branding, packaging, labelling procedures by M.Ramyasivaselvi, SMS (Home Science) As part of International Year of Millets (IYoM, 2023), millet recipe competition was also conducted. Prizes were distributed to the winners for the top 5 best recipes. Distribution of certificates were done during the valedictory programme.



ICAR-KVK, Tiruvallur, Tamil Nadu

Method Demonstration on use of Liquid biofertilizers in Paddy

KVKTiruvallur organised method demonstration on use of liquid biofertilizer in paddy on 24.10.2023 at Kilambakkam-kandigai village. Dr. H. Gopal, SMS (Agrl. Microbiology) highlighted the significance of Azospirillum and Phosphobacteria liquid biofertilizers in rice crop and demonstrated its application methods at different stages of crop growth. He briefed the role of liquid bio fertilizers in maintaining eco-friendly environment and which also reduces the use of conventional fertilizers to the tune of 15-40 %.



The Subject Matter Specialist clearly highlighted the shelf life of the liquid bio-fertilizer over the solid matrix base biofertilizer, where liquid bio-fertilizers has the viability ranging from one to two years. The crop and stage specific liquid bio-fertilizers for the rice crop were explained. Dr. K. Sivagamy, SMS (Agronomy) explained the INM to be followed for rice crop. Around 15 farmers participated and witnessed the method demonstration.

ICAR-KVK, Tiruvannamalai, Tamil Nadu

Field Day in FLD Maize and Groundnut

The Field day on FLD maize and groundnut was organized by the KVK Tiruvannamalai at Ammapalayam and Siruveliyannallur villages on 13.10.2023 and 19.10.2023 respectively. Th.V.Suresh, Senior Scientist & Head explained the importance of pest and disease control measures in both the crops for improving the crop yields. During his speech, he also instigated the farmers to use bio fertilizers and minimize the use of chemical pesticides.



Th.P.Narayanan, SMS Plant Protection delivered lecture on bio-pesticides and its significant contribution in IPDM both in Maize and Groundnut crop. Progressive farmers Th.S.Murugan & Th.D.Durairamesh, shared their experience about the IPDM technologies, importance of bio pesticides, bio-agents and use of pheromone trap in enhancing yield in maize and groundnut. Around 35 farmers and farm women participated and got benefitted.

ICAR-KVK, Thiruvarur, Tamil Nadu

Internship Programme for Vocational Agricultural Students

Vocational Students from Govt Higher Secondary School, Saliyamangalam visited KVK Thiruvarur to undergo an internship programme from 09.10.2023 to 20.10.2023. Around 26 students got exposure to various agricultural field operations during the internship programme and gained practical knowledge cum hands on training on various agricultural technologies and farm practices. Hands on training on Nursery, portray seedlings and ornamental cuttings, Lawn making, Kitchen Garden establishment were given. Most importantly organic agricultural practices was also learned by the students. The latest techniques in Animal husbandry components were learned during their internship. The internship students gathered insights on various activities carried out by KVK such as world food day on 16.10.2023 to create awareness on nutritional food for healthy life, Swachhta special campaign and various competitions to the school children.



ICAR-KVK, Thoothukudi, Tamil Nadu

Swachh Bharat Abhiyan programme at Mudivaithanendhal Village, Thothukudi

The Swachh Bharat Abhiyan is the most significant cleanliness campaign by the Government of India. On 2nd October 2014, Swachh Bharat Mission was launched throughout length and breadth of the country as a national movement. "A clean India would be the best tribute India could pay to Mahatma Gandhi said Shri Narendra Modi as he launched the Swachh Bharat Mission at Rajpath in New Delhi.



In continuation of this noble initiative SCAD KrishiVigyan Kendra, Thoothukudi participated in Swachh Bharat Mission at Mudivaithanendhal village where the villagers, elected people representatives, students of Mother Terasa Engineering College, Thoothukudi and KVK staff joined together and cleaned the village rain water collection pond. They cleaned the debris, collected the plastic wastes and removed the thornu bushes on and around the ponds. The collected wastes were separated as degradable

and non degradable with the help of village sanitary workers. Finally all the villagers, students and KVK staff took pledge on Swachh Bharat mission.

ICAR-KVK, Tiruchirapalli, Tamil Nadu**Celebration of World Food Day -Value Addition Training**

On the eve of World Food day 2023, a training programme on Preparation of Jam and Jelly using fruit crops was organized at KVK, Trichy on 16.10.2023. In the inauguration function Dr.N.Punithavathi, Programme Coordinator (i/c) welcomed the gatherings and explained about the importance of value added products. Dr.P.Masilamani, former Dean, ADAC & RI, Trichy delivered the presidential address and briefed the marketing strategies. Dr.M.Marimuthu, SMS (Food Science) gave hands on training on the preparation of value added products from fruits and vegetables. The preparation of mixed fruit jam was demonstrated to the participants. Dr.S.Easwaran, SMS (Horticulture) delivered lecture on the importance of fruits and vegetables in day to day life. About 20 farmers participated and got benefited.

**ICAR-KVK, Tirunelveli, Tamil Nadu****NFSM Cluster FLD on Pulses**

KVK Tirunelveli distributed the critical inputs to the CFLD participant farmers on 03.10.2023 to take-up Rabi pulses (Black gram). The Black gram variety VBN 11 seeds were issued to the farmers. Around 100 farmers participated in the CFLD unveiling programme and the farmers were issued with the critical inputs for large scale demonstration of CFLD Black gram at farmers location in cluster approach. The farmers were sensitized on the ICM practices to be followed for enhancing yield and farm income.



ICAR-KVK, Tiruppur, Tamil Nadu

Farm School on Millet through AIR

In lieu of celebrating International Year of Millets, the Tamil Nadu Agricultural University and All India Radio, Coimbatore have jointly taken an initiative to organize Farm School on Millets through AIR broadcasting (News On AIR App) for 13 weeks. The programme was unveiled on 18.10.2023 by the Vice Chancellor, TNAU and delivered a lecture on the inaugural day about the importance of using millets in our daily diet. Around 26 farmers of Tiruppur district were enrolled for the Farm School programme. The 13 week programme will cover almost from sowing to value addition aspects.



ICAR-KVK, Vellore, Tamil Nadu

Training Programme on Drone spraying

KVK Vellore organized training programme on Drone spraying of Nano urea and Nano DAP at Vellore Cooperative Sugar Mills, Amundion 26.10.2023. Dr. A. Thirumurugan, Programme Coordinator, presided over the programme and formally welcomed the farmers. The Programme Coordinator briefed about the training and advancement in agricultural mechanization including nano and drone application. Dr. M. Paramasivam, Assistant Professor (SS&AC), KVK, Vellore highlighted about the importance of soil health management, fertilizer requirements and their precise application methods using drones. The

participants were briefed on nano urea and nano DAP application methods, dosage, time of application and suitable crops & its advantages and a special demonstration was done in sugarcane field. The subject matter specialist clarified the doubts raised by the participants during training. Around 62 farmers representing various blocks of Vellore district participated and got benefitted.



ICAR-KVK, Vilupuram, Tamil Nadu

Distribution of Bee keeping Accessories at KVK, Tindivanam

As a part of the National bee board sponsored scheme on Technology Demonstration on Impact of Honey bees on yield enhancement, bee keeping accessories were distributed at KVK Villupuram on 26.10.2023 for 15 farmers. The kit included Marthandam model three bee hives with Indian bee colony along with brood chamber (six frames) and super chamber (five frames). A manually operated honey extractor machine and smoker was also included in the kit. During the event Dr.S.Douressamy, Programme Coordinator gave a prelude on the precautions, method of hive inspection, hive management etc., Dr.R.Neelavathi, SMS (Horticulture), Dr.G.Gomadhi, SMS (SS& AC), Dr.Shibi Sebastian, SMS(Ag. Extension) also participated in the programme.



ICAR-KVK, Kallakurichi (Vilupuram II), Tamil Nadu

Millet Recipe Contest 2023

KVK Kallakurichi organised Millet Recipe Contest 2023 at Sithapatnam and Soolankurichi villages on 12.10.2023 & 26.10.2023, respectively. The objective of the programme was to create awareness on significance of millets in daily diet. The participants were sensitised on high yielding minor millet varieties, production technology and seed processing methods by Dr.P.Murugan, SMS (Agronomy), KVK Kallakurichi. As a part of sensitization meeting, millet recipe contest was organised with 95 farm women. The women farmer participants displayed their different millets recipes includes Millet halwa, Millet biriyani, Kolukattai, Puttu,

Laddu, Millet Gruel, Murukku, Adai, Millet meals, Dosa, Pongal, Ragi ball. The jury comprising of Programme Coordinator, School Head Mistress, Panchayath Presidents, ICDS Officials & Senior women citizen assigned scores for the recipes and the top 5 recipes in each village were selected by the jury and were awarded memento and certificates. A total of 131 farm women participated in the event.



ICAR-KVK, Virudhunagar, Tamil Nadu

Extension Functionaries Training

KVK Virudhunagar organised one day On-campus training for the Extension Functionaries of State Department of Agriculture on 10.10.2023. Dr.ChelviRamessh, Programme Coordinator, KVK, Virudhunagar welcomed the gathering and explained in detail about various ICM practices in Millets followed by her Dr.A.Sheeba SMS (Plant Breeding & Genetics) gave a detailed account on the varieties of various millets. Dr. B. Usha Rani, SMS (Plant Protection) delivered detailed lecture on sustainable management of Fall army worm, FAW global spread, identification characters for male and female, comparison of FAW with other lepidopteran pests, monitoring, scouting, cultural measures, mechanical measures, push and pull technology, crop diversification, behavioural control, bio control agents and TNAU's approach for managing FAW. The officials also visited the millet cafeteria and coconut nursery maintained at KVK farm. Totally 50 extension functionaries including JDA, DDs, ADAs and AOs participated in the training programme.



Andhra Pradesh

Directorate of Extension, Dr. YSRHU, Andhra Pradesh

Dr. E. Karuna Sree Director of Extension visited the Farmer's Producer Company on acidlime crop in Kunchampudi village of Pedavegi mandal with the support of NABARD and interacted with the acidlime processing unit established with the support of Raheja Industries. The solar dehydration unit of acid lime with 600 kg capacity is being maintained by the FPC. The dehydrated lemon is purchased by the industry. About 525 acidlime farmers are members in the FPC and interested to takeup processing and value addition of lemon as special activity. Through this dry lemon making ten percent product recovery was estimated and the price seems to be better during market glut. Interacted with Mr. Gandhi CEO of the Harivillu FPC and advised to explore other marketing channels including online platform.



ICAR-KVK, Ananthapuram - 1, Andhra Pradesh

ATL-KVK-ATMA Interface Project Initiation

KVK Ananthapuram-I in collaboration with ATMA initiated ATL-KVK-ATMA Interface Project under Atal Innovation Mission, NITI Aayog and MoA&FW to promote innovations in agricultural sector among school students. KVK, Reddipalli under ICAR-ATARI Zone X provided technology backstopping, facilitated knowledge sharing and skill building exercises to selected 5 ATLs at AP Social/Tribal Welfare/Model Residential schools (Rajapuramu, Hindupur, Muluguru, Gollaladoddi, Darmavaram). Exposure visits were

organized for ATL school students to KVK, Reddipalli on 10th, 11th and 26th October 2023 to create awareness on agriculture and allied sectors, problems faced by farmers, scientist student interaction to build innovative solutions for unique problems, visit to various demo units maintained at KVK farm, demonstrated use of agricultural drone and provided nutri-garden kits, vegetable, horticultural crop seedlings for establishment of nutri-garden in their schools and promote nutritional security.



ICAR-KVK, Ananthapuram – 2, Andhra Pradesh

National Women Farmers Day

Every 15th October is observed as National Women Farmer's Day or Rashtriya Mahila Kisan Diwas' in India. In lieu of this special day, KVK Ananthapuram-II celebrated National Women Farmers Day in collaboration with RDT at Jambagupalavillage. The KVK team discussed with women farmers on empowerment of women in the field of agriculture.



ICAR-KVK, Chittoor-1, Andhra Pradesh

Training for PCOs on Safe and judicious use of Glyphosate

KVK Chittoor-I organized three days training programme from 15.10.2023 to 17.10.2023 on “Safe and Judicious use of Glyphosate” for Pest Control Operators (PCOs). Dr.Sreenivasulu explained about the objectives of the training programme and activities of KVK in empowering Farmers, Extension Functionaries and Rural youths. He also briefed about precautions to be followed while using weedicides as they are very selective in functioning. Dr.V.Divya, SMS (Crop production) explained about the safe and judicious use of Glyphosate, dosage, preparation of formulation, precautions to be followed while spraying. The trainees were issued certificates during the valedictory function.



ICAR-KVK-East Godavari-2, Andhra Pradesh

Skill Training on Scientific Beekeeping

Five days skill training program on “Scientific Beekeeping” was organised from 03.10.2023 to 07.10.2023 at KVK. The training programme was inaugurated by Dr.P.LalitaKameswari, Principal scientist & Head and explained about importance of bees in improving crop yields during his inaugural speech. The participants were provided hand on training on handling of bees, identification of bees, appliances required for starting beekeeping, crops that act as pollen and nectar sources, Honey, bee wax extraction were demonstrated. Exposure visit to practicing beekeeper Sri M.S.Raju at Undi was also organised. Sri K.Chittibabu, Project Horticulture Officer ITDA, Rampachodavaram participated and interacted with trainees during the valedictory session. Around 24 trainees participated and gained knowledge on scientific beekeeping. Dr.S.Adarsha, Scientist (Entomology) and Dr.N.Chiranjeevi, Scientist (Plant pathology) facilitated the training program.



ICAR-KVK, Guntur, Andhra Pradesh

Training on Soil Health & World Egg Day Celebration

An Off-Campus training on “Soil Health” was organised at Nandivelugu village on 12.10.2023 in collaboration with ATMA, Guntur. The GOI pilot project on “Soil testing through schools” was initiated in Kendriya Vidyalaya at Tenali. As a part of this awareness programme 50 soil health cards were distributed to the farmers at Nandivelugu village by involving school students.

The “World Egg Day” was celebrated on 13.10.2023 at KVK Guntur-II. The theme was 'Eggs for a healthy future'. As part of the celebration, boiled eggs were served to the staff and farm workers.



ICAR-KVK, Kadapa- 1, Andhra Pradesh

Training on “Improved Agricultural practices for doubling farmer's income”

KVK, Kadapa -I organised three batches of training programmes for the farmers of W.C.C. – Pulivendula on 03.10.2023 to 06.10.2023, W.C.C. – Yerraguntla on 09.10.2023 to 12.10.2023 and W.C.C. – Badvel on 16.10.2023 to 19.10.2023. The training was on “Improved Agricultural practices for doubling farmer's income”. The importance of Integrated Farming systems, Natural Resource Management, Preparation of organic fertilizers and management practices of major field and Horticulture crops, role of poultry, sheep and goat and importance of horticultural crops were dealt. A total of 180 watershed farmers (@60 from each division) participated and got benefitted. An exposure visits to KVK, Utukur and ARS, Utukur was also organised as a part of the three days training programme to brief the various extension and research services provided by KVK to the farming community.



ICR-KVK, Kadapa-2, Andhra Pradesh

FLD on Feed supplementation through UMMB

The FLD on “Feed supplementation of Urea Molasses Mineral Blocks (UMMB) in Dairy animals” was initiated at Yeddulayapalli village of B. Matam Mandal. The farmers were briefed on the significance of UMMB

as it serves as the readily available source of energy, protein and minerals for the dairy animals and also highly useful during green fodder deficit areas. Supplementing an animal with UMMB would provide adequate quantity of these nutrients and slow ingestion of urea leads to efficient microbial protein production and improved digestibility. NDDB has developed 'cold process' of manufacturing UMMB licks (three kg blocks) and the technology is being provided to dairy cooperatives, private organizations and other agencies.



ICAR-KVK, Krishna - 1, Andhra Pradesh

Training on Pest and Diseases management under Natural Farming

KVK, Krishna-I (Ghantasala) organized sponsored training programme on pest and disease management under natural farming on 09.10.2023 at Vemulamada village. The training was sponsored by ATMA, Vijayawada. Dr. P. Srilatha, Programme Coordinator, KVK, Ghantasala sensitized the trainees on advantages of practicing natural farming, keeping in view of the environmental and health concerns of the increasing population.



ICAR-KVK, Kurnool-2, Andhra Pradesh

Training on Advanced production and Protection Technologies in Blackgram

Training programme on “Advanced production and Protection Technologies in Black gram” was organised on 06.10.2023 for pulse growers under NFSM CFLD on Pulses. The Programme Co-ordinator & SMS (Plant Protection) organised the training programme and as a part of the training programme Farmer-Scientist interaction meet was also organised for having real time management practices to the problems identified. Around 30 farmers were distributed with seeds of Blackgram TBG 104, covering 50 acres of the adopted villages covering two clusters viz., Ontedidine and Pilligundla.

A five days capacity-building training program for RBK In-Charges of Nandyal district was organised. Around 411 participants participated and got benefited. Crop production technologies for major crops of the divisions and climate resilient varieties for the same were explained by SMS (Agronomy). SMS (SS) explained

about Soil health and nutrient management, nutrient deficiencies and their corrections in major crops. SMS (PP) explained on Use of bio inoculants for sustainable agriculture. SMS (Horticulture) explained on Production technologies in Horticulture crops. Afternoon session SMS (Agrl. Extn.) conducted exposure visit to demo units of the KVK.



ICAR-KVK, Nellore -1, Andhra Pradesh

Celebration of MahilaKisanDiwas

KVK Nellore-I organised MahilaKisanDiwas on 15.10.2023 at KorlapaduSangham of Sarvepalli village. SMS (Home Science) explained about drudgery reduction by using farm implements to the farm women and created awareness on importance of millets in daily diet and also prepared value added products with millets. Th.Bhasha, School Head Master, Th.GovindaRaju, teaching staff, Miss. Mathamma, Suposhan officer, Adhani foundation, Mr. Ramesh, Village surpunch and 9 Adhani foundation suposhan supervisors, 42 farm women participated in the programme.



ICAR-KVK, Nellore -2, Andhra Pradesh

Training on “Minor Millet” & DEE Visit

One day On-Campus training on “Minor Millet” was organised on 12.10.2023 at KVK. Dr. E. KarunaSree, Director of Extension, presided the event and interacted with trainees. During the inaugural address, DEE, highlighted the importance of minor millets in our daily life and suggested farmers to increase the

area under cultivation of minor millets. Also addressed women to take-up entrepreneurship programmes for income generation through value addition of millets. Dr.B.GovindaRajulu, Principal Scientist & Head briefed the participants on cultivation & management practices in millets cultivation. Dr. B. Nagrjunasagar ADA emphasized cultivation of millets as an alternate crop for Paddy in dry land areas. The DEE distributed Ragiseeds (Vakula) to the farmers and later visited millet cafeteria established at KVK farm.



ICAR-KVK, Prakasam -2, Andha Pradesh

Nursery Management in Tobacco & Contingent Crops for Delayed Monsoon

KVK,Prakasam-II (Kandukur) in collaboration with CTRI Research station, Tobacco Board and other private stake holders like ITC, GPI, VST, PSS, ML Group, Alliance international organized capacity building training programme on 06th& 17th October 2023 to tobacco farmers on scientific nursery management practices to be followed for higher yields and suggested alternate crops for tobacco in view of delayed monsoon at K.Uppalapadu and Thimmapalem village.



ICAR-KVK, Srikakulam, Andha Pradesh

MahilaKisanDiwas

KVK, Srikakulam organised MahilaKisan and Vocational training programme on 15.10.2023 on the theme "Role of women in Agriculture" to empower farm women of Isakalapalem village of Sarbujili Mandal. Dr. B. Suneetha, SMS (Home Science), Smt. G.Shilpa, SRF (NICRA), Smt.M.Sowmya, BTM, ATMA, Srikakulam,Dr. Reddys Foundation, B.Rajakumar participated in the event. Around 31 women and 06 men participated in the event and got benefitted.



ICAR-KVK, Vishagapattinam - 2, Andha Pradesh

MahilaKisanDiwas

On 15th October 2023, Krishi Vigyan Kendra,Kondempudi, celebrated MahilaKisanDiwas to honour and recognize the invaluable contribution of farm women in agriculture. The event was attended by KVK staff, scientists, and women farmers.



ICAR-KVK, Vizianagaram, Andha Pradesh

Farmers Exposure Visit to KVK

About 120 Farmers and NGO staff from CYSD, Boparaiguda, CYSD Laxmipur, DHAN Foundation Dasamanthpur, Semiligudavisited to KVK as Exposure visit under OdhishaMillet Mission. The Programme

Coordinator and team of scientist explained various activities and interventions taken-up by the KVK in the district. The farmers were exposed to various demo units and entrepreneurial activities. Training programmes were conducted on Mushroom production technology, seed production in millets, pest and disease management in millets. Hands on experience of 10 different value products viz., Ragi malt, Ragi Chocolates, Ragi Mixture, Korra mixture, Korrapayasam, Ragipakodi were provided to the farmers.



ICAR - KVK, West Godavari - 1, Andha Pradesh

Off - Campus Training on IPM & IDM in Paddy

The KVK organised one day Off-campus training on “IPM & IDM in Paddy” at Gumparru village on 06.10.2023. The crop stage specific pest and disease management was briefed to the farmers. The farmers were sensitized on climate smart pest management practices as the increase in temperature may result in the incidence of BPH and Mite. The farmers were advised to take appropriate measures. Integrated management of BLB, Sheath blight, leaf folder, mite was explained to the farmers during the training. As a part of the training, demonstration on drone spraying was done.



ICAR-KVK, West Godavari - 2, Andha Pradesh

FLD on Ridge Gourd variety ArkaPrasanna- Field Day

Field day on FLD “Demonstration on Ridge gourd variety ArkaPrasanna” was organized at Venkataramannagudem village of Tadepalligudemmandalon 11.10.2023 to show performance of newly released ridge gourd (ArkaPrasanna) an open pollinated variety. The farmers were appreciated the performance of ArkaPrasanna due to the long, green coloured fruit quality which has good market demand and suitability for both late kharif and rabi seasons. Farmers were explained about the seed production aspect to preserve the seed forth coming season. The field day event was coordinated by Dr. K. VenkataSatishKuchi, Scientist (Horticulture) and Dr. K. VenkataSubbaiah, Scientist (Horticulture)



ICAR-KVK, Chitoor-2, Andhra Pradesh

MandalAgri Advisory Board Meeting



Dr.G.S. Panduranga, Programme Coordinator and Sri S. Somasekhar SMS (Crop Production) attended Mandal Agri Advisory Board Meeting at Railway Kodur. The KVK scientist briefed the IPM and INM practices in Horticultural Crops to RBK In-charges. As a part of the sensitization meeting, the team visited banana field along with DRC team and suggested suitable recommendations.

Telangana

ICAR-KVK, Adilabad, Telangana

Capacity Building Program for FPO Members

KVK Adilabad organised capacity building program for members of Gudihathnoor Farmer Producer Organizations (DNTFPCL) on 12.10.2023 at KVK. The major focus was on farmers issues faced in cotton, soybean and redgram. The program included two-way discussions on pertinent field related issues and relevant technological advisories. The participants were oriented on climate smart agriculture practices based on weather related information disseminated by KVK. The trainees visited Technology Information Centre and the demo units in KVK farm. Around 36 members attended the capacity building programme.



ICAR-KVK, Kammam-1, Telangana

Workshop Cum Field Day on HDPS in Cotton

KVK, Wyra organised workshop cum field day on “High Density Planting System in Cotton” on 12.10.2023 for creating awareness and popularizing the farmer friendly technology. Dr. J. Hemantha Kumar, Associate Dean and Dr. K. Gopala Krishna Murthy, Associate Professor from Agricultural College,



Aswaraopeta, Dr. G. Veeranna, Principal Scientist (Cotton) and Dr. S. Om Prakash, Scientist (Entomology) from RARS, Warangal, Smt. K. Naga Swathi from ARS, Madhira, Dr. A. Sailaja, Programme Coordinator, scientists Dr. K. Ravi Kumar, Dr. Jessie Suneetha W and Dr. V. Chaitanya with IV BSc (Agriculture) RAWEP students and farmers were participated the programme. The farmer's queries were addressed by the Associate Dean, Programme Coordinator and team of scientists.

ICAR-KVK, Kothagudem, Telangana (Karimnagar-1)

Off-Campus Training on IPDM in Kharif Crops

KVK, Kothagudem organised Off-Campus training on “Integrated Pest and Disease Management in Kharif Crops” at Hemachandrapuram Village, of LakshmedevipalliMandal on 27.10.2023. Dr. V. Lakshmi Narayanamma, Programme Coordinator emphasised on integrated pest and diseases management practices to be followed in Kharif crops like Cotton and Paddy and also suggested timely control of sucking pests in cotton and panicle mite, leaf folder management in paddy. Th.B. Shiva, SMS (Horticulture) briefed sucking pest management in chilli crop and suggested the trainees to install sticky traps. Around 45 farmers attended the Off-Campus training and got benefitted.



ICAR-KVK, Mancherla, Telangana

Field Day in HDPS Cotton

KVK, Bellampalli in collaboration with Central Institute of Cotton Research (CICR), Nagpur organized a Field Day in HDPS Cotton under Special Project on ICAR - CICR entitled “Targeting technologies to agro ecological zones large-scale demonstration of best practices to enhance cotton productivity” at JendaVenkatapur village of Luxxettipetmandal on 31.10.2023. Dr.Shivakrishna Kota, Programme Coordinator, KVKhighlighted the significance of following HDPS in cotton. Dr. Ramprasad, Senior Scientist (Entomology), ARS, Adilabad chaired the



event. Further, Dr.Sampath Kumar, Senior Scientist (Plant Pathology), Regional Office, CICR, Tamil Nadu explained about the IDM practice to be followed in HDPS cotton.

ICAR-KVK, Mahbubnagar-1, Telangana

Celebration of World Food Day and Mahilakisan Diwas

KVK Madanapuram celebrated World Food Day and Mahila Kisan Diwas at Chennaram village of Revallimandal. Ms.R. Anitha SMS (Home Science) addressed the gathering & briefed about the significance of World Food Day and Mahila Kisan Diwas and explained the role of bio-fortified varieties in ensuring nutritional security among vulnerable groups. Followed by her Dr.Dadasaheb Kogarae (SSH) enlightened the importance of Kitchen Garden, Role of Organic farming in Nutritional security, Nutritional and Health Benefits of millets in a regular diet and encouraged women farmers towards entrepreneurship development. A total of 42 women farmers participated in the event.



ICAR-KVK, Mahabubnagar-2, Telangana

Rythu Sadassu Cum Exhibition by RAWEP Students

RAWEP students with the guidance of KVK, Palem organised Rythu Sadassu cum Agriculture Exhibition at Ithole Village of Tadoormandal on 20.10.2023. Dr.B.Pushpavathi, Associate Dean, Agriculture



College, Palem inaugurated the exhibition stalls and visited the models prepared by the students and appreciated their efforts. Students displayed and explained the concepts and themes in brief of new innovative agricultural technologies to the farmers. Dr.T.Prabhakar Reddy, Programme Co-ordinator, KVK, Palem briefed about the alternate crops to paddy and income generation methods in field & horticultural crops. A total of 214 members participated in the mega event.

ICAR-KVK, Medak-1, Telangana**Training cum Inputs Distribution under NFSM CFLD on Pulses**

At JamalaiThanda, an informative training session was conducted on Red gram under NFSM CFLD on Pulses. Th.V. Ramesh, SMS (Agronomy) briefed the varietal characteristics of Red gram variety "Hanuma" (TDRG-4). The variety is resistance to fusarium wilt, moderate resistance to sterility mosaic virus and high tolerance to Helicoverpa (pod borer). The trainees were taught on the pest management practices and use of pheromone traps. The trainees were issued insect traps (@ 8 nos. per acre) to facilitate pest monitoring. To enhance flower initiation and to promote use of eco-friendly pest repellents each trainee was issued with 6 litres of panchagavya and 6 litres of dashaparnikashayam. Around 34 trainees participated and got benefitted.

**ICAR-KVK, Medak-2, Telangana****Training on High Density Planting System in Cotton**

KVK, Tuniki organized two Off-Campus trainings on "HDPS in Cotton" at Ahmidhipurvillage on 16.10.2023 and Chebarty village on 17.10.2023. Dr. R. Raja, Principal Scientist, ICAR-CICR, Coimbatore served as resource person and explained the package of practices to be followed in cotton under HDPS. Dr.S.D.Nalkar, Senior Scientist and Head, Ravi Kumar, Scientist (Plant Protection), Dr.N. Prathap Reddy, Scientist (Agronomy) were present during the training programme. Around 118 farmers attended the training programme.

**Karimnagar - 2, Telangana****Swacchta Special Campaign 3.0**

GNNS-KVK-Jammikunta conducted awareness programme on Swacchta Special Campaign 3.0 during 02.10.2023 to 31.10.2023 at KVK, Jammikunta. In this campaign different types of activities like we weeded out old files, shredded paper waste fed into composting pit and old file covers reused at office. KVK staff involved in creating awareness on Swacchta Special Campaign 3.0 and its importance & effects on our daily life.



ICAR-KVK, Nalgonda-1, Telangana

Skill Training on Millet Value Added Products

Six days skill training programme on “Value added products of Millets” was organised at KVK, Gaddipally. A total of 25 women representing 5 villages of Suryapet District attended the training programme. The Senior Scientist & Head (I/c.) briefly explained about the significance of millets in our general health. The trainees were provided hands on training on making Ragi biscuit, Korrabiscuits, JowarMuruku and Jowar cake anddilpasand. As a part of the programme the trainees were taken to Millets Incubation processing centre, PGRC PJTSAU at Rajendranagar, Hyderabad as exposure visit to learn various food processing machineries. Training certificates were distributed to trainees along with one baking oven for each group (Gaddipally&Kalmalcheruvu).



ICAR-KVK, Nalgonda-2, Telangana

Training programme on “Best Management practices in HDPS cotton”

KVK, Kampasagar organised one day training on “Best Management practices in HDPS cotton” on 09.10.2023 for the benefit of cotton growers .Dr. Shaik N Meera, Director, ICAR- ATARI, Zone -X and Guest of Honor Dr A R Reddy, Principal Scientist, ICAR-ATARI chaired and encouraged the farmers toadopt HDPSin cotton cultivation.Emphasis was given to spray growth regulators (mepiquat chloride) in HDPS cotton for enhanced kapas yield. Dr. S. Srinivasa Rao, Programme Coordinator, KVK, Kampasagar explained the significance of HDPS cotton. Dr. K. Chandra Shaker, SMS (Crop Production) briefed the INM practice to be followed in HDPS cotton.



ICAR-KVK, Nizambad, Telangana

Rythu Sadassu Cum Agricultural Exhibition by RAWEP students

RAWEP students allotted to KrishiVigyan Kendra Rudrur organised Rythu Sadassu cum Agriculture exhibition at Siddapur village of Bodhan Mandal. As part of the event, in collaboration with NCDEX, Hyderabad the participants were taught on marketing opportunities to the EkaChakrapura Farmer Producer Company Limited. The farmers were sensitised on package of practices for Rabi crops during farmer scientist interaction.



ICAR-KVK, Warangal-2, Telangana

Field Day Programme in Cotton HDPS Intervention

KVK, Mamnoor conducted field day in Cotton HDPS at Anantharam village of Geesukonda Mandal

under cotton special project titled "Targeting technologies to agro-ecological zones-large scale demonstration of best practices to enhance cotton productivity" sanctioned by CICR, Nagpur. Dr.Mahender, DE, PVNRTVU, Hyderabad attended as chief guest and graced the programme. During his presidential address, he advised the farmers to adopt the HDPS technology in cotton to get high productivity compared to conventional practice in rain fed areas. Smt.UshaDayal, DAO, Warangal highlighted that by adopting HDPS technology in



cotton, the crop can escapes from terminal drought and pest pink bollworm by way of attaining early maturity. Dr.N.Rajanna, Programme Coordinator and Head, welcomed the guests and farmer gathering and briefed about the HDPS technology and its role in getting additional income by growing other crops in a next season. Scientist of KVK, Dr.Sowmya and Dr.Raju answered the farmers queries and recorded the feedback.

Puducherry

ICAR - KVK, Puducherry, Puducherry

Training on Roof Top Garden

With a vision of involving urban dwellers in the sustainable production of organic vegetables, this Kendra has ventured in training the target group on rooftop gardening owing to the frequent enquires from the urban dwellers. The training is scheduled on the second and fourth Saturdays of every month with 50 trainees per training. This Kendra has offered two training programmes this month with 85 participants. The participants are trained on designing and layout of the roof top garden, requirements of establishing a roof top garden, package of practices, cultivation of microgreen and its usage, production of organic outputs, especially fish amino acid, panchagavya and pot mixture preparation, potting and repotting, protrait nursery and propagation technologies are imparted as hands-on training.



ICAR-KVK, Karaikal, Puducherry

Three Days Skill Training on Backyard Poultry Rearing

As a part of DAPSC, distribution of Assel chicks and skill training on Backyard Poultry Rearing was organized at KVK Karaikal from 11.10.2023 to 13.10.2023. Around 50 participants attended the three days training programme and learned the basics of backyard poultry production. To motivate the participant, one month old Assel chicks was issued to the selected applicant by lot system. As a part of the skill training programme, the participants were taken to two poultry farms to get insight on poultry production and management. About 25 participants from Karaikal district attended the training and also 50 Nos. of one month old Assel chicks was distributed



to each participants. Mr. S. Jayasankar, Programme Coordinator has distributed the certificates to the trainees on the last day of training.



**XVI Agriculture Science Conference at
 Kochi, Kerala during October 10th - 13th, 2023
 Organized by
 National Academe of Agriculture
 Science (NAAS)**

