

SPARK BULLETIN

Monthly Momentum of Zone - X KVKs

Voicing the vision of KVKs – One story at a time

October 2024



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

From the Director, ICAR-ATARI's Desk



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Message

Greetings,

I am delighted to publish October Month publication of SPARK BULLETIN - Monthly Momentum of Zone-X KVKs which showcases the extension interventions of ICAR-KVKs Zone-X - Hyderabad.

This edition of the SPARK Bulletin highlights the wide range of extension activities undertaken by KVKs to promote sustainable farming and farmer welfare. Trainings were conducted on mushroom cultivation, organic farming, pest and nutrient management, fish culture, and livestock care. Field days on HDPS in cotton, integrated crop management in pulses and oilseeds, CFLD Pulses, SC Sub Plan initiatives, and animal health camps enhanced farmer awareness and adoption of improved practices. Special focus was given to farmer-centric events like Live Webcasting of the 18th installment of PM-KISAN, World Food Day celebrations, Golden Jubilee Torch Rally, and multiple Field Days. These efforts aim to empower farmers, increase productivity, and strengthen rural livelihoods.

I extend my acknowledgement to all the Directors of Extension, Programme Coordinators, Senior Scientists & Head of ICAR- KVKs and Scientists for their contribution and making SPARK news bulletin more informative.

(Shaik N Meera)

Chronicles of Activities at ICAR-ATARI, Hyderabad

Workshop cum Training on CSISA's "Landscape Diagnostic Survey in Pulse Crops"

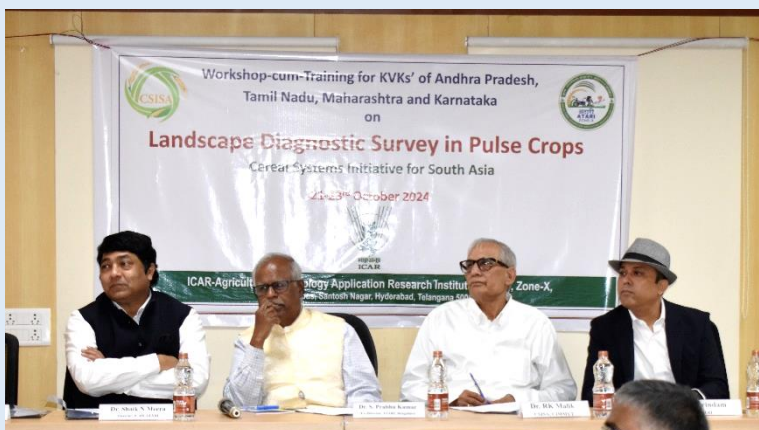
The Workshop cum Training on CSISA's "Landscape Diagnostic Survey in Pulse Crops" was held from October 21st to 23rd, 2024, at ATARI, Hyderabad, bringing together 13 KVK scientists from Andhra Pradesh, Tamil Nadu, Karnataka, Maharashtra, and Telangana. Organized in collaboration with the Cereal Systems Initiative for South Asia



(CSISA), the event focused on the Landscape Diagnostic Survey (LDS), a critical tool for gathering data on pulse crop production practices. Using the Open Data Kit (ODK) for real-time data collection, the LDS serves as a Monitoring, Evaluation, and Learning (MEL) platform, providing evidence-based insights to institutions like ICAR and KVKs. This data-driven approach enables more informed decision-making, resource allocation, and prioritization of improvements. The LDS, already implemented across several Indian states, covers various agronomic, social, economic, and market-related factors to support sustainable agricultural development in South Asia.

Day 1: Inauguration and Overview

The workshop on CSISA's "Landscape Diagnostic Survey in Pulse Crops" commenced with an inaugural session attended by prominent dignitaries, including Dr. S. Prabhu Kumar, Former Director of ICAR-ATARI Bengaluru; Dr. Shaik N. Meera, Director of ICAR-ATARI Hyderabad; Dr. R.K. Malik, Senior Agronomist at CIMMYT; Dr. Arindam, Senior Manager of Qualitative Studies at IRRI; and Ms. Madulika Singh, Agriculture Specialist at CIMMYT. Dr. B. Malathi, Senior Scientist at ATARI Hyderabad, welcomed the participants and introduced the LDS initiative, setting the tone for the training and discussions.



In his keynote address, Dr. R.K. Malik stressed the importance of aligning agricultural initiatives with the KVK system to ensure sustainability and local ownership. Drawing comparisons to the Green Revolution, he emphasized the need for farmer involvement in decision-making to improve the adoption of new technologies. He highlighted the

challenges KVKs face, such as weakened feedback systems and limited data on farmers' needs, advocating for data-driven approaches that account for regional variations. Dr. Malik also pointed out the potential of advanced technologies like artificial intelligence (AI) and machine learning (ML) in enhancing agricultural efficiency and sustainability.

Dr. Prabhu Kumar reflected on the evolution of the KVK system over the past five decades, noting its role as a hub for integrating and adopting agricultural technologies. He emphasized the need for continuous innovation and capacity-building to empower farmers to make informed decisions. Dr. Kumar further acknowledged the significant role of KVKs in driving agricultural productivity and self-sufficiency across India.

Dr. Shaik N. Meera reinforced the critical role of KVKs in India's agricultural extension network, particularly in delivering data-driven feedback through initiatives like the LDS. He highlighted KVKs' large-scale drone demonstrations, covering thousands of hectares annually, and the successful deployment of IoT technologies for smallholder farmers, especially in aquaculture. Dr. Meera also proposed expanding the LDS program to include climate resilience projects such as NICRA (National Innovations on Climate Resilient Agriculture), positioning ATARI Hyderabad as a leader in this effort.

Dr. Arindam from IRRI discussed the growing interest in the LDS from researchers, policymakers, and ICAR, noting the need for comprehensive data on pulse crops alongside the traditional rice-wheat systems. He explained that while the LDS has made progress with KVK partnerships, the absence of structured data formats has hindered timely evidence-based insights. By collecting district-level data on crop varieties and technologies, the LDS aims to bridge this gap. Since its inception, over 50 LDS training sessions have been conducted, showcasing the potential of this data for better decision-making.



During a detailed presentation by Dr. Arindam and Ms. Madulika Singh, participants learned about the Open Data Kit (ODK) tool used for the LDS in pulse crops. The presentation provided a step-by-step guide on using ODK for survey data collection.



Day 2: Field Visits and Hands-on Training

On the second day, participants visited pulse and cotton farms to observe the LDS survey tools in action. During this field visit, the participants conducted LDS surveys themselves, collecting data from pulse farmers using the ODK tool. This practical experience gave them valuable insights into data collection and field operations, ensuring that they could confidently implement the LDS survey in their own regions.



Day 3: Feedback and Interactive Session

The workshop's final day featured a feedback and interactive session where participants shared their experiences with the ODK tool and the LDS survey. This session provided an opportunity to ask questions, suggest improvements, and clarify any concerns regarding survey design and tool functionality. The facilitators addressed all queries, ensuring that participants left with a thorough understanding of the LDS process and its practical applications.



HRM Training on Smart Tools for Sustainable Agriculture

Dr. Shaik N. Meera, Director, ICAR-ATARI, Hyderabad, was invited by the Director of ICAR-CRIDA to serve as the Guest of Honour at the inaugural session of the HRM Training Programme on Smart Digital Tools for Sustainable Agriculture. The event featured a thought-provoking keynote address by the Chairman of ASRB, offering strategic insights that provided greater clarity on the integration of Ecological Niche Modelling (ENM) within the KVK framework.

During the session, it was discussed that ENM represents a transformative approach to agricultural extension by enabling the identification of region-specific crop suitability through analysis of key environmental parameters such as temperature, rainfall, soil type, and topography. He shared that this data-driven approach could enhance the precision and effectiveness of KVK advisories, ultimately improving outcomes for farmers.



Dr. Shaik N Meera also shared plans to initiate pilot projects in selected agro-climatic zones of Andhra Pradesh, Telangana, and Tamil Nadu, where data from successful Front-Line Demonstrations (FLDs) would be used to scale up promising innovations such as drought-tolerant pulses and high-yielding oilseeds. By identifying similar agro-ecological regions through ENM, the replication of proven technologies could be strategically expanded, contributing to greater climate resilience, productivity, and sustainability.

The session concluded with a call for collaborative partnerships with research institutions, development organizations, and agri-tech startups to co-develop scalable ENM-based solutions that can empower farmers and strengthen agricultural extension systems



Honorable Dr. Sanjay Kumar, Chairman of ASRB, DARE, Ministry of Agriculture & Farmers Welfare, Govt. of India, during his visit to ICAR ATARI – Zone X, Hyderabad.

Orientation Day 2024 for the School of Agricultural Sciences at Mallareddy University, Hyderabad

On 16 October, the Orientation Day 2024 for the School of Agricultural Sciences at Malla Reddy University, Hyderabad, was held, marking the beginning of a transformative journey for the first-year agricultural students. The event was graced by the Dr. Shaik N. Meera, Director of ATARI, Hyderabad. who expressed deep gratitude to Chairman Sh. Malla Reddy garu, Former Minister of Government of Telangana, for his unwavering support and vision in fostering excellence in agricultural education.



The Dr. Shaik N. Meera, Director of ATARI, Hyderabad highlighted the university's commitment to providing excellent infrastructure, which is crucial for nurturing future leaders in agriculture. The event also emphasized the role of efficient management and dedicated faculty in creating an inspiring learning environment for the students.

This day not only symbolized the start of the students' academic journey but also their potential to drive transformative changes in the future agri-food systems.



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Tamil Nadu

ICAR KVK, Ariyalur, Tamil Nadu

Skill training programme on Mushroom cultivation

A skill development training on mushroom production was held at KVK from 14-23 October, 2024, involving 30 rural youth. It aimed to provide knowledge on mushroom cultivation, sustainable resource use, and promote self-employment. SBI-RSETI Director Mr. S. Ravichandran and NABARD AGM Mr. Prabakaran inaugurated the program, highlighting its importance. Daily sessions included theory and practical demonstrations on spawn selection, bed preparation, shed construction, sanitation, and value addition like pickles and powders. An exposure visit to successful units inspired participants. A group of five ST women emerged as mushroom entrepreneurs, with shed construction underway for their venture.



ICAR - KVK, Coimbatore, Tamil Nadu

FARMER'S KISAN MELA CUM TRAINING

In collaboration with Karunya University, ICAR KVK, Coimbatore participated in a Farmer's Training cum Kisan Mela on 16 October, 2024 at the School of Agricultural Sciences, Karunya University. Dr. Sajan Kurien, Dean (SAS), welcomed the session, with the presidential address by Dr. Prince Arulraj, Vice-Chancellor. Sri Suba Nagarajan, Chairman, Coconut Development Board, inaugurated the event. Discussions focused on strengthening FPOs for profitable coconut farming with leaders from key FPOs participating. ICAR KVK exhibited technologies, products, and leaflets. Progressive farmers and scientists shared insights on intensive farming. The event concluded with key takeaways by ICAR KVK scientists and Dr. K. Natarajan.



ICAR - KVK, Cuddalore, Tamil Nadu

Mass awareness programme on Integrated pest and disease management technologies in Maize

A one-day awareness cum training program on IPDM technologies in maize production was organized on 25 October, 2024 at Periyanesallur Village, Nallur block, by KVK Cuddalore, TNAU, and the Department of Agriculture. Experts, including Dr. T. Srinivasan, Dr. M. Shanthi, and Dr. K. Natarajan, highlighted fall armyworm (FAW) management techniques and KVK's role in disseminating technologies. Bio-control agents and improved methods were discussed, with live specimens exhibited. Tmt. Rathna ADA shared agricultural schemes. Sixty farmers participated, visited experimental fields, and received a booklet on FAW management. The program validated pest control strategies, benefiting participants with practical demonstrations and insights.



ICAR – KVK, Dharmapuri, Tamil Nadu

NABARD Sponsored Training Programme on Seed Production Technologies in Millets

A training on quality seed production in millets under a NABARD-sponsored scheme was conducted on 4 October, 2024 at KVK, Dharmapuri. Dr. M.A. Vennila, Programme Coordinator, welcomed participants and outlined the scheme's objectives. The TNAU Registrar delivered the presidential address, with felicitations by officials from AC&RI Vazhavachanur, HC&RI Paiyur, and TNAU Coimbatore. The NABARD District Development Manager gave a special address. KVK scientists delivered lectures on millet crop management, including pest control, nutrient and weed management, seed production, and value addition. About 50 millet farmers participated, gaining insights on enhancing productivity and utilizing crop waste. Dr. K. Indhumathi concluded with a vote of thanks.



ICAR-KVK, Dindigul, Tamil Nadu

Live webcasting of PM Kisan 18th installment

ICAR-KVK, Dindigul organized a programme on Live Webcasting of PM KISAN and released the 18th installment to farmers on 05th October, 2024. A total of 63 farmers participated in the programme. The programme was held at Soundram Hall, KVK, GRI-DTBU, Gandhigram. KVK organized webcasting of honorable PM messages and release of 18th installment of PM kisan for the benefit of the farming community. KVK scientists were explained about different central government programmes for agriculture and allied sectors to the participants. Further, KVK conducted on campus training on Integrated Pest management on Agricultural crops for the benefits of farmers.



ICAR – KVK, Erode, Tamil Nadu

Golden Jubilee Year Celebration

In view of KVK Golden Jubilee Year Celebration, KVK organised Graduation Day for DAESI Input dealers and ASCI Organic Growers on 2nd October 2024 at KVK Premises. Dr. P. Alagesan, Senior Scientist & Head of KVK explained about the genesis of KVK system and impact created KVK in Erode district. In addition, he gave an overview about DAESI course and ASCI organic growers course conducted by KVK since past five years for the benefit of Rural Youths and Input dealers. During the programme, Shri. S. Sivanandham, IAS, Sub-Collector, Gobi, Erode District preside over and inaugurated the programme. He distributed the Graduation certificates to the DAESI Input dealers and ASCI organic growers during the occasion. Thasildar Gobichettipalayam delivered the special address and graced the occasion. Forty Input dealers and 40 ASCI trainees have participated.



ICAR - KVK, Kancheepuram, Tamil Nadu

On-campus training program in fisheries

An on-campus training program in fisheries was conducted on October 21-22, 2024, at Kattupakkam, with 28 fish farmers participating. The training featured lectures on ornamental fish culture and murrel fish culture, along with demonstrations on evaluating water quality parameters in fish tanks and model fish sampling. Video lessons on breeding ornamental fishes and induced breeding in murrel fishes were also provided. The program aimed to enhance farmers' knowledge and skills in sustainable fish farming practices.



ICAR-KVK, Kanyakumari, Tamil Nadu

ARYA skill training on Honey production and processing

Conducted five days skill training from 07-14 October, 2024 on "Honey production and processing" under ARYA project. The Programme Coordinator of KVK, Dr. S. Suresh inaugurated the training programme and emphasized the role of beekeeping for sustainable livelihood. The skill development training on the importance of beekeeping, types of honey bees, life cycle of honey bees, bee flora and floral calendar, pest and disease management in honey bees was handled by Dr. K. Kavitha, SMS (Plant Pathology). The SMS (Food Science and Nutrition), Dr. J. Selvi demonstrated the value-added products preparation using honey. The progressive bee farmer, Mr. Daniel shared his success story in bee keeping and explained about the mitigation habit of honey bees. A total of 20 rural youth attended the training and enlightened their feedback at the end of the programme.



ICAR - KVK, Karur, Tamil Nadu

Off-campus training program on advanced production technologies

An off-campus training program on advanced production technologies for field and horticultural crops under the DAPSC Scheme was conducted on 4 October, 2024 at Kadavur village and block, with 32 SC farmers and farm women participating. Sessions included portray seedling production techniques, IPDM of major vegetable crops, maize fall armyworm management, and groundnut disease management. Farmers were oriented on OFTs for IPM modules against tomato pinworm and IDM modules for onion twister disease, with participants selected for these programs. Details of farmers interested in availing the DAPSC Scheme were collected. The Assistant Director of Horticulture elaborated on subsidy schemes and provided field-level advisories.



ICAR-KVK, Krishnagiri, Tamil Nadu

Method Demonstration on Multi Tree Climber Machine

Conducted a method demonstration on the 'Multi Tree Climbing Machine' at Malaiyandahalli village, Mathur block, on 28th October, 2024 under the Front-Line Demonstration (SCSP - 2024-25). The Senior Scientist and Head addressed critical issues like labor scarcity, high wages, and the lack of skilled tree climbers, advocating small implements as a solution. The Programme Assistant (Agrl. Engg.) showcased the machine by climbing a palm tree and explained its operation, including climbing techniques and cleaning methods for the tree's upper portions. Progressive farmer Mr. Madhu expressed gratitude, highlighting the machine's role in reducing labor needs, minimizing drudgery, and enhancing agricultural efficiency. Over 30 farmers attended, underlining the event's impact and the potential of innovative technology to empower local farming communities. The demonstration emphasized the importance of adopting practical solutions to address labor challenges in agriculture.



ICAR-KVK, Madurai, Tamil Nadu

Skill training Demonstration on Jam and Squash

A value addition training on jam and squash preparation at KVK Madurai on October 18, 2024 was jointly organized by ICAR-KVK Madurai, AC&RI Madurai, and EDII Periyakulam. Mr. Dharmadurai, Business Manager, welcomed the gathering, and Dr. E. Subramanian inaugurated the program, emphasizing value addition in fruits. Dr. K. Jothilakshmi conducted sessions on processing papaya jam and pineapple squash, covering calculations, cost analysis, FSSAI certification, and filling techniques. Participants prepared and assessed the products' quality. The hands-on training successfully encouraged entrepreneurship, with certificates distributed to 30 participants, equipping them with skills for value-added product development and business opportunities.



ICAR-KVK, Nagapattinam, Tamil Nadu

Awareness Programme on KVK Golden Jubilee Torch Relay

An awareness and training program was held as part of the KVK Golden Jubilee Torch Relay on October 24-25, 2024, at KVK Nagapattinam. Hon'ble MP Mr. V. Selvaraj inaugurated the event, introducing the torch and highlighting the Cauvery Delta's potential for agriculture and allied industries. Demonstrations included fish stocking in the IFS pond. Experts like Dr. M. Rajakumar, Mr. K.Ragu, and Dr. V. Kannan provided training on natural farming, vegetable cultivation, pest management, and fish value addition. Over 180 participants, including farmers, women, and youth, benefited. The event showcased sustainable practices and encouraged innovation in agriculture and allied sectors.



ICAR – KVK, Namakkal, Tamil Nadu

Training Programme on High Density Planting System (HDPS) under Special Project on Cotton

Conducted HDPS training at Seerappalli village, with over 70 farmers participating on 25 October, 2024 at KVK Namakkal. Dr. S. Alagudurai explained the project and HDPS, while Dr. K. Velmurugan emphasized its importance for the district. Dr. K. Sankaranarayanan and Dr. S. Manickam detailed HDPS and ELS varieties, their characteristics, and performance. Pamphlets on HDPS and canopy management were distributed. Participants visited HDPS fields, achieving 100% adoption, and received expert guidance to boost cotton yields.



ICAR-KVK, Nilgiris, Tamil Nadu

ASCI skill development training programme on Organic Cultivator

An ASCI skill development training program on "Organic Cultivator (Small Unit)" was conducted on October 25, 2024, at Kavaratty village, Ooty, with 25 participants. The program included lectures on weather parameters, forecasts, agrometeorological advisories, organic certification, and marketing potentials of organic products. Scientists involved in the training were Dr. G. Senthilraja (AP, Plant Pathology), SMS (Soil Science), and PA (Technical). The training aimed to enhance participants' skills in organic farming and sustainable practices.



ICAR-KVK, Perambalur, Tamil Nadu

Event: Off campus training on Vermicompost production

A training program on vermicompost production was conducted on October 25, 2024, at Perumathur Nallur village, benefiting 20 farmers. The session covered key aspects of vermicompost production, including the processing and collection of agricultural wastes, preparation of earthworm beds, and the collection of earthworms from the vermicompost bed. Practical demonstrations were provided on harvesting, sieving, and proper storage of vermicompost to ensure high-quality production. The training aimed to promote sustainable agricultural practices and empower farmers with eco-friendly methods to enhance soil fertility, reduce chemical dependency, and improve crop productivity. Participants expressed keen interest in adopting these techniques.



ICAR – KVK, Pudukkottai, Tamil Nadu

Skill development training programme on Organic Cultivator (Small unit)

An Agriculture Skill Council of India sponsored Skill development training programme was conducted on 7th October, 2024. Dr.P.P.Murugan, Director of Agricultural Extension Education, TNAU, Coimbatore, inaugurated the programme and delivered the presidential address. Dr.A.Yuvaraja, Programme Coordinator welcomed the gathering and described the ASCI project and emphasized the significance of organic cultivation. Dr. J. Balamurugan, SMS (SS) delivered a lecture on the role of organic manures in improving the physical, chemical and biological properties of soil. Dr.A.Alagesan, SMS (Agron.) explained about the option for organic cultivation. Dr.C. Menaka, SMS (Seed Science) handled technical sessions on seed production in organic pulses. Dr.S. Jesupriya Poornakala narrated the contribution of organic foods to nutritional quality. About 25 rural women from various blocks of Pudukkottai district participated in the programme.



ICAR-KVK, Ramanathapuram, Tamil Nadu

Mechanized seeding in semi dry paddy cultivation

Semidry paddy cultivation is an important practice in Ramanathapuram district. Paddy is cultivated 1.25 to 1.31 lakh ha depending on the quantity and distribution of North East Monsoon. KVK made intervention on mechanized seeding of paddy by tractor drawn seed drill, modified drum seeder by imparting knowledge and skill through training on mechanized seeding covering the assessing soil condition, seed calibration, seeding and imparting skill by providing practice by support of modified drum seeder also calibration and depth of sowing for higher germination with the adoption of pre monsoon sowing. On 15th October, 2024, it was executed in a farmer's field by the involvement of seven women farmers, mechanized seeding covered in an area of 210 acre of land under NICRA, SCSP plan in a series of activities. Establishment level, weed management practices, fertilizer application quantity and methods also imparted.



ICAR-KVK, Salem, Tamil Nadu

Farmers-Scientist Interaction Meeting

A Farmers-Scientist Interaction meeting was held at KVK, Salem, on October 3, 2024, chaired by Dr. R. Thamizh Vedan, Registrar, TNAU, with JDA, DD (FTC), and KVK scientists. Dr. R. Jegathambal welcomed the gathering. The meeting focused on sensitizing farmers to TNAU's new crop varieties and technologies while addressing field challenges for the Rabi season. Fifty-two farmers participated, gaining insights on solutions and innovations. Tribal women farmer clusters received manual seed drills under ICAR-TSP for line sowing in millets and pulses. Farmers also visited demo units and the crop cafeteria, enriching their knowledge of KVK Salem's technologies and services.



ICAR - KVK, Sivagangai, Tamil Nadu

ICM in Rice based Cropping system

A training program on Integrated Crop Management (ICM) in rice-based cropping systems was conducted on October 15, 2024, at Nemam Village, Sakkottai Block. The program aimed to enhance the knowledge of 25 participating farmers on effective ICM practices. The training covered key topics such as Selection of suitable crop varieties, including Rice Co 55, Blackgram VBN 11, and Groundnut VRI 10, soil test-based nutrient management, advanced cultivation techniques like seed drill sowing and square planting under the SRI (System of Rice Intensification) method, production and application of vermicompost and vermiwash in crop cultivation and foliar spray techniques using Panchagavya (3%), Humic Acid (1000 ppm), and Vermiwash (3%). The program equipped farmers with practical knowledge to improve productivity and sustainability in rice-based cropping systems.



ICAR - KVK, Theni, Tamil Nadu

Skill training on Development of High value-added products from Grapes

A skill training on developing high-value products from grapes was conducted at KVK Premises on October 3-4, 2024, for 22 farmers and farm women. The training aimed to enhance value chain management in grapes and promote entrepreneurship. Mr. P. Maheswaran inaugurated the program, presided over by Dr. P. Patchaimal. Mr. C. Sankaranarayan discussed DIC schemes and subsidies. Mrs. M. Ramyasivaselvi conducted sessions on post-harvest management and value addition, demonstrating products like pulp, RTS, jam, jelly, dry grapes, and powders. Branding, licensing, and marketing were explained. Participants gained valuable knowledge to improve grape utilization and entrepreneurship opportunities.



ICAR- KVK, Thiruvallur, Tamil Nadu

Demonstration of TNAU Rice Bloom-A Crop Booster

A method demonstration on "Rice Bloom—A Crop Booster" was conducted at Orathur village on October 24, 2024, with 20 farmers and farm women. Dr. C. Tamilselvi explained Rice Bloom's application and its role in enhancing paddy yields during the samba season, while Dr. S.M. Sureshkumar highlighted the importance of zinc and zinc-solubilizing bacteria in paddy cultivation. Farmers learned about this TNAU innovation to reduce sterility caused by low-temperature stress and boost yields. Officials, including the Joint Director of Agriculture and block-level staff, participated. The program introduced farmers to Rice Bloom's benefits and practical application techniques for improved productivity.



ICAR- KVK, Thiruvannamalai, Tamil Nadu

Collaborative Activity with Khadi and Village Industries Commission, Chennai

KVK identified a Self-Help Group (SHG) involved in Banana Value Added Products. KVIC will provide 12 days of skill training and 2 Banana fibre extraction machinery worth 2.5 lakhs to the SC/ST SHG for business expansion, with technical support from KVK on 9th October, 2024 at Santhavasal village, in Thiruvannamalai District. Smt. Selvi, DD, KVIC, and her team created awareness among the SHG members. They have finalized the training methodologies, venue, and beneficiaries, and collected necessary documents from the beneficiaries. A total of 20 participants will attend the training, which is being coordinated through the collective efforts of the Senior Scientist and Head (SSH) and the Subject Matter Specialist (PP).



ICAR-KVK, Thiruvarur, Tamil Nadu

Celebration of Golden Jubilee Torch rally

ICAR-TNAU-KVK Needamangalam celebrated the Golden Jubilee Torch Rally on October 22-23, 2024. The Golden Jubilee torch was received from ICAR-TANVASU-KVK, Sivaganga, and displayed at the KVK premises for farmers from various blocks. A rally was held from Neelan Matriculation School to the three roads junction in Needamangalam, highlighting KVK's activities and achievements. The program, attended by 189 farmers, students, and officials, featured a training on Dairy Cattle Management, covering topics like breed selection, livestock management, forage and feeding, disease control, and government schemes. Success stories of three entrepreneurs were shared. The torch was then handed over to ICAR-TNJFU-KVK Sikkal.



ICAR-KVK, Thoothukudi, Tamil Nadu

Neithal Festival – National level Exhibition

ICAR SCAD KVK Thoothukudi participated and exhibited KVK products at Neithal Festival – National level Exhibition conducted from 10-13th October, 2024 at Sangaraperi, Thoothukudi organized by NABARD and MABIF. KVK promoted FPCL, WSHG members and entrepreneurs participated and exhibited their products in the stall during the programme. ICAR SCAD KVK mobilized WSHG members and farmers from Thoothukudi district for the participation and was exposed to various value-added products exhibited at the Neithal Festival.



ICAR-KVK, Tiruchirapalli, Tamil Nadu

A cutting-edge programme for organic growers at KVK, Tiruchirappalli campus

An Organic Farming Seminar cum interaction meet and exhibition was held at KVK, Tiruchirappalli, on October 1, 2024, the first Tuesday of the month. The event aimed to bring together organic producers and consumers to promote organic farming. Organic inputs and products were marketed to encourage producers and expand their market opportunities. Dr. P.P. Murugan, DEE, TNAU, inaugurated the program, while Dr. R. Krishnan, P&H, NOFRC, advised farmers on using organic inputs based on TNAU research. Dr. C. Raja Babu, Programme Coordinator, explained the innovative initiative to support organic farming. The event benefitted farmers and producers from across Trichy district.



ICAR - KVK, Tirunelveli, Tamil Nadu

Demonstration on ICAR CTCRI Chinese potato special micronutrient mixture

Conducted FLD on "Demonstration on ICAR CTCRI Chinese potato special micronutrient mixture" on 14th October 2024 at Keelakadayam Village, Kadayam block, Tenkasi District. The inputs were distributed to the 10 progressive farmers in the village. Totally 24 farmers and farm women participated in this programme. The programme aims to achieve higher tuber yield, less incidence of nematode, good shape and size of tubers. As part of the FLD programme, delivered a lecture on integrated crop management in Chinese potato, importance of foliar application of ICAR CTCRI Chinese potato special. Also demonstrated the foliar application of Chinese potato special to showcase to the farmers. It will increase the 20 percent of crop yield and tolerance to the biotic and abiotic stress.



ICAR- KVK, Tiruppur, Tamil Nadu

Golden Jubilee Celebrations of KVKs -Torch Relay

Dr. P.A. Saravanan, Program Coordinator, welcomed the gathering and highlighted KVK Tiruppur's role in supporting students and the farming community. Dr. M. Senthilkumar, Associate Professor, spoke on the history and establishment of KVKs in India, emphasizing the Golden Jubilee year. Dr. P.P. Murugan, Director of Extension Education, TNAU, Coimbatore, presided over the event, discussing KVK activities in promoting agriculture and enhancing the livelihoods of farmers. A training on beekeeping and its role in crop pollination was conducted, with 45 farmers and 25 school students attending. Dr. P. Thukkaiyannan, Associate Professor (Agronomy), proposed the vote of thanks.



ICAR-KVK, Vellore, Tamil Nadu

Skilled training on Commercial and Ornamental Fish Culture

A skilled training on "Commercial and Ornamental Fish Culture" was conducted on 21-22nd October, 2024 to impart knowledge on fish farming, including culturing, production, and sales/marketing. The training highlighted the importance of fish farming for socio-economic development and human health, sharing case studies of successful fish farming entrepreneurs. Participants learned about fish cultivation strategies, including structure maintenance, disease-free fingerlings, and feed management. Government schemes supporting fish farming were also discussed. The training provided 25 participants with the skills to start their own fish farms, manage effectively using natural resources, and utilize marketing platforms. The outcome included better fish culture practices, overcoming marketing hurdles, and establishing demand for ornamental fish.



ICAR-KVK, Villupuram-I, Tamil Nadu

Training on Integrated sugarcane cultivation

A training program on Integrated Sugarcane Cultivation and the System of Sugarcane Intensification (SSI) Technology was conducted on October 8, 2024, in collaboration with the Tamil Nadu Irrigation Management Training Institute, Thuvakudi, Trichy. The event was attended by 50 farmers and aimed to equip them with knowledge and skills related to SSI technology in sugarcane cultivation. Experts from KVK delivered informative sessions on various topics, including SSI technology, soil health management, integrated nutrient management, drip irrigation, sugarcane varieties, pest and disease management, and value addition in sugarcane. The farmers interacted and clarified their queries.



ICAR - KVK, Villupuram-II, Tamil Nadu

Exhibition For TANUVAS Technology and Products

ICAR-Krishi Vigyan Kendra (Villupuram-II), Kallakurichi, set up an exhibition stall at the 25th Silver Jubilee celebration of Tapioca and Castor Research Station (TCRS), TNAU, Yethapur, Salem, on 25th October, 2024. Dr. V. Geethalakshmi, Vice Chancellor of TNAU, inaugurated the stall, delivered a presidential address, and distributed farming inputs. The stall showcased livestock and poultry breed charts, TANUVAS technologies, green fodder production, and Integrated Farming Systems. Products displayed included mineral mixtures, salt licks, fodder seeds, paneer pressing devices, TANUVAS GRAND, and university publications. Over 535 farmers and farm women participated, benefiting from the displayed technologies and products.



Monthly Momentum of Zone - X KVKs

 ICAR-KVK Virudhunagar, Tamil Nadu**Training on “Improved Soil and Water Conservation Techniques under Dry land Farming”**

A training on “Improved Soil and Water Conservation Techniques under Dryland Farming” was jointly organized by Krishi Vigyan Kendra, Virudhunagar, and Irrigation Management Training Institute (IMTI), Trichy, on 15th October, 2024 at KVK, Virudhunagar. The program was inaugurated by Mr. S. Raja, Director General of IMTI, and Mr. S. Illakuva Boopathi, Joint Director (Training), IMTI. Dr. Chelvi Ramesh, Programme Coordinator, discussed climate-smart technologies for soil and water conservation. Technical sessions on soil health, nutrient management, and arid zone fruit crops were conducted. A field visit to KVK's farm pond, IFS, Azolla, and vermicompost units was also included. Forty-five farmers and farm women participated.

 **Andhra Pradesh** **ICAR-KVK, Ananthapuram 1 (Reddipalli), Andhra Pradesh****Training on IPM & INM Practices in Groundnut, Redgram, and Vegetable Crops**

A training program on IPM & INM practices in groundnut, redgram, and vegetable crops was held on October 25, 2024. The event covered IPM in groundnut and redgram by SMS (Plant Protection) and INM, IPM practices in vegetable crops by SMS (Horticulture). The Programme Coordinator, KVK, discussed precautions in standing crops, harvesting, and post-harvest management in groundnut, emphasizing the SCSP and proper input utilization. Dr. M. Johnson, ADR, RARS, Nandyal, distributed tarpaulins to farmers under SCSP to protect harvested produce from rain. A total of 25 farmers participated in the event. Staff involved included experts from KVK and RARS.

 **ICAR-KVK, Anantapur 2 (Kalyandurg), Andhra Pradesh****Documentation on success of groundnut Variety TCGS-1694**

Smt Lakshmi Devi KVK, Kalyandurg, Anantapur, provided the high-yielding and moderately resistant groundnut variety Vishista to farmer D. Venkatesh Naik from Dharmavaram. The recommended package of practices included FYM at 7.5 t/ha, 20 kg N/ha at sowing, and 10 kg N/ha at 30 DAS, along with 40 kg P2O5/ha and 50 kg K2O/ha before sowing. Pendimethalin (2.5 L/ha) was applied for weed management. Sprinkler irrigation, gypsum application (200 kg/ha), and 13:00:45 sprays were given at pegging and pod development stages. Timely pest and disease management resulted in a yield of 19.25 q/ha, gross income of Rs. 119350/- and a B:C ratio of 1.96



ICAR-KVK, Chittoor 1 (RASS), Andhra Pradesh

Live webcasting of PM KISAN 18th instalment and Honourable PM's Address

A live webcasting of PM-KISAN 18th installment and Honourable PM's address was organized on October 5, 2024 at RASS Head Office, Tirupati, Washim District, Maharashtra. The objective was to raise awareness about the PM-KISAN scheme and facilitate farmer-scientist interaction. After the webcast, Dr. S. Sreenivasulu, Senior Scientist and Head, translated the Honourable PM's address and explained KVK activities. KVK scientists shared knowledge on ICM in Greengram and Blackgram, IPM practices for black thrips in chilli, natural farming, STBF, FPOs, and Kisan drones. KVK staff and 54 farmers attended the program. Critical inputs were provided to farmers for demonstrations.



ICAR- KVK, Chittoor 2 (Kalikiri), Andhra Pradesh

Training programme on Integrated Crop Management practices in Groundnut

A training program on Integrated Crop Management (ICM) in Groundnut was conducted on October 24, 2024, at KVK Kalikiri for 35 farmers. The program focused on improving groundnut yields through ICM practices by maintaining proper plant population and reducing pests and diseases. Dr. K. Manjula, Programme Coordinator, along with KVK scientists, led the training. Topics covered included suitable groundnut varieties for Rabi, manure-fertilizer management, integrated pest management, and seed treatment demonstrations. Groundnut seeds of promoted varieties, Visishta and Nithya Haritha, were provided to farmers from Annamayya District. The farmers gained valuable knowledge on effective rabi groundnut crop management to achieve higher quality produce.



ICAR - KVK, East Godavari 1 (Kalavacharla), Andhra Pradesh

Training programme on construction methods of fish pond

An off-campus training program on "Construction Methods of Fish Ponds" was organized at Sitharampuram village, Rajanagaram mandal, East Godavari district on October 19, 2024. Dr. Ravindra Harish Sontakke, Subject Matter Specialist (Aquaculture), and Dr. B. Nageswara Reddy, Subject Matter Specialist (LPM) from KVK-Kalavacharla, educated farmers on various pond construction techniques, types of fish ponds, the significance of fish culture, and suitable fish varieties for commercial farming. A total of 41 participants attended the session, where they were also informed about government schemes such as the Pradhan Mantri Matsya Sampada Yojana (PMMSY) for availing subsidies for new pond construction.



ICAR-KVK, East Godavari 2 (Pandirimamidi), Andhra Pradesh

Skill Development Training programme on Rubber Tapping and Processing

A training program was held at Uttuluru, Maredumilli Mandal, from October 03-05, 2024. The program covered topics such as the importance of rubber, rubber marking, tapping, processing, and marketing. Farmers received hands-on training in rubber tree marking for tapping, rubber tapping, and latex collection. On the final day, practical sessions on rubber processing were conducted. The training was attended by a horticulture scientist, a resource person from the Rubber Board, a master trainee, and 20 participants. Rubber tapping and processing tools were also distributed to the farmers.



ICAR-KVK, Guntur (Lam), Andhra Pradesh

Animal Health Camp at Venigandla

An Animal Health Camp was organized at Venigandla village on World Animal Day, held at Krishi Vigyan Kendra, Lam, Guntur, on October 04, 2024. The event aimed to promote animal health and welfare, where deworming drugs, mineral mixtures, and other supplements were distributed. The camp targeted local farmers, with 152 male and 34 female participants, including 12 SC and 4 ST members. The Chief Guest, the Joint Director of the Animal Husbandry Department, praised the efforts of KVK in organizing such initiatives. Dr. Sowjanya Lakshmi, the Veterinary Scientist, coordinated the event.



ICAR-KVK, Kadapa 1 (Utukur), Andhra Pradesh

Capacity building programme to extension functionaries

Dr. V. Shilpakala, SMS (PP), and Dr. K. Sai Maheshwari, SMS (CP), participated in a capacity-building program for extension functionaries on October 4, 2024, at the New Collectorate, Kadapa, YSR District. The program, organized in collaboration with the Dept. of Agriculture, ATMA, DRC, and APCNF, aimed to assist trainees on crop monitoring and equip them with expertise to advise farmers on optimal crop management. A total of 380 extension functionaries attended. Key topics included production practices, recommendations, and pest & disease management for major rabi crops. The program enhanced the understanding of extension functionaries on improved management practices.



ICAR-KVK, Kadapa 2 (Vonipenta), Andhra Pradesh

Poshan Maha Programme with Cluster ICDS officers and Anganwadi workers

A Poshan Maha Programme was held at KVK, Vonipenta, with Cluster ICDS officers and Anganwadi workers on October 5, 2024. Dr. M. Balakrishna, Senior Scientist and Head chaired the session. Dr. B.S. Kanthi Sri, Home Science Scientist, explained the importance of a balanced diet and preventing malnutrition-related diseases across different age groups. Smt. Sridevi, CDPO, ICDS Mydukur, discussed the Anganwadi system and its functions. Dr. S. Firoz Hussian, Scientist (Horticulture), and ICDS Supervisors Mrs. Obulamma, Mrs. Varalakshmi, and Ms. Prashanti also participated. Anganwadi workers prepared nutritious dishes and organized a food exhibition. A total of 25 Anganwadi workers, 10 farm women, and rural youth attended.



ICAR-KVK, Krishna 1 (Garikapadu), Andhra Pradesh

Conducted Animal health camp at Aithavaram village

A veterinary camp was conducted at Aithavaram village, Nandigama Mandal on October 9, 2024. The event was led by Dr. T. Jeswanth Reddy (SMS-Veterinary Science), Dr. S. Krishnam Raju (Programme Coordinator), Dr. N. Rajasekhar (SMS-Plant Protection), Dr. P. Sagarika (VAS) along with Reliance Foundation. Animals suffering from anoestrus, repeat breeding, and foot rot were treated, and pregnancy diagnosis was carried out. A total of 25 animals were treated, and mineral mixtures and medical kits were distributed to 20 farmers. Additionally, a visit to a sheep farm at Kethaverlupadu village was made, where it was advised to administer the PPR vaccine.



ICAR-KVK, Krishna 2 (Ghantasala), Andhra Pradesh

One Day Training Cum Awareness Programme on Soil Test Based Nutrient Management

One-day training cum awareness program on soil test-based nutrient management was held on October 23, 2024 at the KVK training hall in collaboration with National Fertilizers Ltd., Vijayawada. Dr. D. Sudha Rani, Programme Coordinator, highlighted the importance of soil testing, soil health cards, and fertilizer management for various crops. The session included a farmer-scientist interaction on topics like suitable blackgram varieties for rabi, weed management, stem canker control, liquid biofertilizers, drudgery reduction tools, and argulus management in fish ponds. A total of 65 farmers and farm women attended, along with scientists and Sri Vinod Naik, Assistant Manager, NFL.



ICAR-KVK, Kurnool 1 (Yagantipalle), Andhra Pradesh

Field day on High Density Planting System of Cotton cultivation

A Field Day on HDPS Cotton under the Special Project of Cotton-2024 was held on October 25, 2024, at Tharthuru village, Nandyal district, with 141 farmers. The event highlighted HDPS (90×15 cm) technology for rainfed cotton cultivation, compared to the conventional 90×60 method. Dr. J. Anni Seebha, Sr. Scientist, ICAR-CICR, explained the technology and quality harvesting practices. Sri. Y.V. Muralikrishna, DAO, Nandyal, discussed cost-reducing management practices. Dr. G. Dhanalakshmi, SS&H, outlined HDPS benefits for mechanization. A crop cutting experiment showed 7.2 kg kapas yield (11.52 q/ac). Farmers shared their positive experiences with the manual push planter for cost savings.



ICAR-KVK, Kurnool 2 (Banavasi), Andhra Pradesh

Certificate course on Integrated Nutrient Management for PACS

An inauguration program was held at KVK Banavasi on October 16, 2024 for 40 fertilizer dealers from Kurnool and Nandyal districts. The training conducted from October 16-30, 2024 aimed to impart technical knowledge on soil health management and the rules governing fertilizers. Lectures on the program's importance, objectives, and guidelines of the CCINM course were delivered by District Co-operative Officer Ramanjineyulu, G.M. Srilatha (Deputy Project Director, ATMA, Kurnool), Dr. K. Raghavendra Chowdary (Programme Coordinator, KVK Banavasi), and J.C. Nagendraiah (Facilitator, CCINM). A total of 40 participants attended the training, aimed at developing dealers as para-extension professionals.



ICAR-KVK, Nellore 1, Andhra Pradesh

Visit of Honorable Director of Extension, ANGRAU, AP to KVK Nellore

Dr. G. Sivanarayana, Director of Extension at ANGRAU, Lam, Guntur, visited KVK Nellore on October 25, 2024 to review the activities under the approved Technical Programme. The review began with a discussion with Programme Coordinator Dr. G. Lalitha Sivajyothi on the progress of activities. Dr. Sivanarayana examined various components, including technical program records, training sessions, seed stock registers, soil testing, and office cash books. He visited demonstration units such as the vermicompost unit, shade net nurseries, fish ponds, poultry, sheep & goat units, horticulture orchard, and nutri-garden. Dr. Sivanarayana also interacted with RAWEP students, offering valuable suggestions.



ICAR-KVK, Nellore 2 (Periyavaram), Andhra Pradesh

Training programme on Nutrient management practices in paddy

A training program on nutrient management practices in paddy was conducted on October 28, 2024 at KVK, Periyavaram, with 32 farmers in attendance. Dr. B. Govinda Rajulu, Director of Extension, Dr. YSRHU, discussed suitable paddy varieties and their importance in the region. Dr. D. Srinivasa Reddy, Senior Scientist & Head, KVK, Periyavaram, covered pest and disease management. Dr. D. Nagarjuna Sagar, Assistant Director of Agriculture, Venkatagiri, explained nutrient and nursery management practices. Dr. I. Rajeevana, Scientist (Soil Science), introduced the new zinc-fortified paddy variety NLR-3238, explaining its characteristics and cultivation practices. Zinc-fortified paddy variety was provided to farmers as part of a Frontline Demonstration.



ICAR-KVK, Prakasam 1(Darsi), Andhra Pradesh

Diagnostic field visit to Paddy field

Dr. G. Sivanarayana, Director of Extension at ANGRAU, Guntur, monitored a Frontline Demonstration (FLD) on the salt-tolerant rice variety MCM 103 on October 18, 2024 at Pulipadu Village, Mundlamuru Mandal, Prakasam District. A total of 3 farmers and 4 scientists participated. The objective was to evaluate the performance of MCM 103 in farmers' fields. Dr. G. Sivanarayana, Dr. G. Ramesh (Programme Coordinator, KVK Darsi), Dr. T. Venkateswara Reddy (SMS, Crop Production, KVK Darsi), and T. Manasa (SMS, Home Science, KVK Darsi) were involved. During the visit, scientists observed Gall Midge infestation and recommended control measures using Fipronil or Flubendiamide + Thiacloprid.



ICAR-KVK, Kandukur (Prakasam-2), Andhra Pradesh

Release of Mobile App and e-news letter

KVK Kandukur launched a new mobile app, "CROP SURAKSHA," at the Research Advisory Committee (RAC) meeting of ICAR-CTRI, Rajahmundry on October 3, 2024. The app provides information on Integrated Pest Management (IPM) practices for 15 major crops grown in Andhra Pradesh. It is a valuable tool for farmers, extension professionals, SMSs of KVKs, FPOs, NGOs, para-extension professionals, researchers, teachers, and students. A total of 50 participants attended the event. The app aims to help farmers adopt IPM practices, reduce cultivation costs, and promote sustainable agriculture. Additionally, KVK released its maiden quarterly e-newsletter during the event.



ICAR-KVK, Srikakulam (Amadalavalasa) , Andhra Pradesh

Convergence meeting with NIRED and Union bank POs

An orientation program was held on October 9, 2024, to provide hands-on experience and insights into rural banking, financial inclusion, and community development, enhancing participants' understanding of Union Bank's role in rural areas. The program was attended by 30 Probationary Officers from Union Bank, Orissa State. Mr. M. Rajesh, Director of NIRED Rajam, and Mr. M. Rambabu, Program Executive, NIRED Rajam, were present. The event also saw the participation of 40 farmers and farm women along with KVK staff.



ICAR-KVK, Vishakapatnam 1 (Haripuram), Andhra Pradesh

Celebration of World Food Day

A vibrant World Food Day event unfolded in Haripuram village, Rambilli Mandal, under the theme "Right to Food for a Better Life and a Better Future" on October 16, 2024. The event emphasized accessible, nutritious, and sustainable food choices. Guests included Chairman Sri B. Sri Ram Murthy and Dr. R. Venkatesh from PHC Dimili, who discussed the importance of a balanced diet and the risks of processed foods. The highlight was an exhibition of millet-based foods prepared by local women farmers. With 81 participants, the event inspired everyone to embrace traditional, nutrient-rich foods for better health and food security.



ICAR-KVK, Visakhapatnam 2 (Kondempudi), Andhra Pradesh

Organized one day training programme on Raising of seedlings through Protray technology

A one-day training program on "Raising of Seedlings through Protray Technology" was conducted on October 4, 2024, at V. Madugula village, Anakapalli district. The training led by SMS (Horticulture) and other scientists, highlighted the importance of Protray technology in seedling cultivation. This method uses specialized trays for efficient seedling propagation, optimizing space and resources. It ensures proper light, water, and nutrient supply, promotes healthy root development, and reduces disease risks by minimizing soil contact. The technology also streamlines transplanting, resulting in higher germination rates and healthier seedlings. A total of 48 farmers and farm women attended the event.



ICAR-KVK, Vizianagaram, Andhra Pradesh

Training programme to VAAs/VHAs

A training program on Integrated Crop Management (ICM) practices for horticultural crops (oil palm, banana, and cashew) was conducted on October 25, 2024, at Agrilab, Salur, with 70 extension functionaries. The training focused on improved production technologies for these crops, which occupy over 82% of the district's horticultural area. Experts from various departments, including R. Srinivas, Bharathi, ADA, and others, provided valuable insights. For oil palm, proper nutrition and irrigation were emphasized. For banana, recommended nutrient applications were discussed. In cashew, rainwater management and pest control practices were covered. The participants gained crucial knowledge about ICM practices for these crops.



ICAR- KVK, West Godavari 1 (Undi), Andhra Pradesh

Training programme on Disease Management in Fish and Shrimp culture to Village Fishery Assistants (VFAs)

A training program on Disease Management in Fish and Shrimp Culture was conducted for Village Fishery Assistants (VFAs) of West Godavari District on October 17, 2024. A total of 38 VFAs participated. The training covered the identification and control of bacterial diseases, such as Red Disease, Bacterial Gill Disease, and Abdominal Dropsy, as well as parasitic diseases like Argulus and Gill Fluke. Preventive measures for EHP, WSSV, and WFD in shrimp culture were discussed, along with steps to avoid disease outbreaks in both fish and shrimp culture. The session equipped VFAs with essential knowledge for effective disease management in aquaculture.



ICAR- KVK, West Godavari (VR Gudem), Andhra Pradesh

Household Nutrition Security through Nutrition Gardens in Tribal Communities

A training program on nutritional requirements for households and methods of raising Nutri-gardens was conducted on October 4, 2024, at Kondrukota, R&R Colony (LND Peta), Polavaram Mandal for 100 tribal farmers. The program introduced the concept of Nutri-gardens, featuring 16 types of vegetables suitable for the Rabi season, including Pigeon Pea. Dr. E. Karunasree, Principal Scientist & Head, emphasized the importance of nutrition for food security, especially for children and women. Dr. A. Devivaraprasad Reddy, TSP Nodal Scientist, coordinated the event. Participants learned land preparation, sowing, and management of crops like leafy vegetables, okra, and beans. Nutri-gardens were established in 100 households.



Telangana

ICAR- KVK, Adilabad, Telangana

Training on Drumstick Leaves powder production through Solar drying

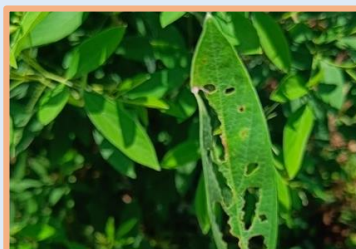
A skill development training program on Drumstick Leaves Powder Production through Solar Drying was conducted on October 25, 2024, involving 25 women farmers. The training aimed to enhance nutritional security and income generation by promoting the value addition of drumstick leaves. As part of the initiative, drumstick saplings were distributed to tribal farmers, encouraging cultivation for both household consumption and commercial purposes. The hands-on training covered the preparation of drumstick leaf powder using solar drying and shade net drying techniques to retain color and nutrients effectively. Additionally, a demonstration on packaging methods was conducted to ensure market readiness. This training equipped participants with the skills to process and package drumstick leaf powder, enabling them to diversify their diets and create income opportunities through small-scale enterprises.



ICAR- KVK, Khammam (Wyr), Telangana

Diagnostic field visit in Paddy and Redgram

A diagnostic field visit to Paddy and Redgram fields was conducted on October 1, 2024, at Vengannapeta (V), Thallada (M), with the participation of six farmers. The objective was to identify pest infestations and suggest suitable integrated pest management (IPM) practices. During the visit, Brown Planthopper (BPH) and Leaf Folder infestations were observed in Paddy, while Leaf Beetle incidence was noted in Redgram. Experts provided on-field guidance to farmers on effective pest control measures, emphasizing cultural, biological, and chemical management strategies to minimize yield losses. Farmers gained practical knowledge on pest identification and sustainable management practices, enhancing their ability to protect crops and improve productivity.



ICAR- KVK, Khammam 2 (Bhadradi Kothagudem), Telangana

Training programme on "Integrated pest and disease management in commercial crops"

Training programme on "Integrated pest and disease management in commercial crops" as part of FLD on October 19, 2024 at Sujathanagar Village & Mandal. 25 farmers, 15 farm women and 5 extension workers have participated in the program. To create awareness on the sucking pests and the environmental factors favourable for their incidence. Dr. V. Lakshmi Narayanamma, Programme Coordinator, Mr. B. Shiva, SMS (Horticulture). Farmers were explained about the Integrated pest and disease management in commercial crops like cotton and chillies with special emphasis on sucking pest management and their role as vectors in virus transmission. They were informed to provide protective irrigation in view of prolonged dry spell, which favors the incidence of sucking pests and also suggested to avoid the spraying of synthetic pesticides. Farmers gained knowledge regarding the integrated pest and disease management practices in cotton and chillies.



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

Field day on HDPS (High Density Planting System) cotton

A Field Day was held at P. Beraiah's farm on October 26, 2024, where he shared his experience with 135 farmers and women farmers. He demonstrated the benefits of High-Density Planting System (HDPS) cotton cultivation using a pneumatic seed planter. His yield was 8-9 quintals per acre. Dr. Manjulatha, Principal Scientist & Head, ARS, Karimnagar, explained the importance of HDPS in rainfed areas, highlighting its 20-30% higher yield compared to conventional cotton. The event promoted HDPS cotton cultivation and pneumatic planters, with some farmers showing interest in adopting the technology for the next season.



ICAR- KVK, Karimnagar 2 (Ramagirikhilla), Telangana

Rythu Nestham live streaming programme on Digital India- digital Telangana and virtual Interaction with hon'ble IT minister of Telangana State

Scientists of KVK attended the Rythu Nestham programme on October 15, 2024, at Rythu Vedika, Rathnapur, Ramagiri Mandal, Peddapalli District, along with Department of Agriculture officers. The team explained the significance of digital training programs for farmers and addressed their queries on field-level issues in major crops. A virtual interaction was held with the Hon'ble IT Minister of Telangana, Sri Duddilla Sridhar Babu Garu, discussing the role of KVKs in real-time agro advisory services using T-Fiber net for digitalizing agriculture. Progressive farmer Shri. Rammohan Rao Garu shared his positive experiences and emphasized the program's benefits to the farming community. The event saw participation from Dr. Y. Venkanna (SMS-PP), Dr. T. Vinod Kumar (SMS-Agril. Extn), Mrs. Anjani (ADA, Manthani), AEOs, and 56 farmers. Farmers gained insights into digital tools for agriculture, enhancing their access to timely and effective advisory services.



ICAR- KVK, Mahabubnagar-1 (Madanapuram), Telangana

STRY Skill training programme on Millet processing and Value addition

STRY Skill Training Programme on Millet Processing and Value Addition was conducted at YFA-KVK, Madanapuram from October 7 to 14, 2024, with 15 rural youth participating. The program aimed to equip participants with skills in millet processing, value addition, and food safety standards. The training programmes was conducted on packaging and labeling for millet-based bakery products and food safety and standards for millet-based products. Participants gained hands-on experience in preparing traditional millet products like Ragi Ladoo, enhancing their understanding of processing techniques and value-added product development. The training emphasized entrepreneurial opportunities in millet-based food production, empowering rural youth to explore sustainable livelihoods in food processing and agribusiness.



ICAR-KVK, Mahabubnagar 2 (Palem), Telangana

Visit to FLD & OFT chilli fields

A technical program on Chilli Crop Management was conducted on October 8, 2024, at Vasanthapur, Yathmathapur, Yadireddipally (V), Thadoor (M), Nagarkurnool (D), involving 23 farmers. The objectives were to implement an On-Farm Trial (OFT) on Wilt Management and a Frontline Demonstration (FLD) on Black Thrips Management in chilli crops. KVK Palem demonstrated integrated pest and disease management (IPM/IDM) practices, providing selected beneficiaries with pesticides, sticky traps, and bio-control agents. During the visit, experts observed wilt, Spodoptera litura, thrips, and die-back and recommended drenching, spraying, and installing sticky traps for effective control. The importance of Integrated Pest and Disease Management (IPDM) practices in chilli cultivation was emphasized to farmers, equipping them with practical knowledge and tools to enhance crop health and productivity.



ICAR- KVK, Mancheri (Bellampalli), Telangana

Training Programme under Special Project on HDPS and CS

A training program under the Special Project on HDPS and CS was conducted on October 17, 2024, at Sandralphad (V), Kasipet (M), Mancheri District, involving 68 participants. The objective was to promote High-Density Planting System (HDPS) in cotton cultivation for improved productivity. Dr. Shiva Krishna Kota, Programme Coordinator, KVK Bellampalli, briefed the participants about the importance of HDPS cotton in the district. Dr. Sunil Mahajan, Principal Scientist, CICR-Nagpur, elaborated on canopy management and cultivation practices in HDPS cotton. The program saw participation from Sri R.V. Solane, ACTO, CICR-Nagpur, KVK staff, Kasipet, and representatives from Rasi Seeds Pvt. Ltd. and ASM-Ankur Seeds. Farmers gained insights into advanced planting techniques, better crop management strategies, and potential benefits of HDPS cotton, equipping them with practical knowledge for enhancing productivity and resource efficiency.



ICAR- KVK, Medak-1 (DDS), Zaheerabad, Telangana

Pashu Sakhi Training Program on Scientific Goat and Sheep Management

A five-day Pashu Sakhi training program on scientific goat and sheep management was conducted from October 23 to 27, 2024, for 20 rural women. The program aimed to create master trainers in livestock health and management for rural women, equipping participants with skills in housing, feeding, breed selection, and marketing, emphasizing ethno-veterinary practices. Resource persons included Dr. Kailash Madne, SMS Animal Husbandry, and Mr. Rajath Singh, trainer from The Goat Trust, Lucknow. Sessions covered herbal remedies like Herbal Masala Bolus, mineral bricks, and dewormers, alongside breeding and oestrous management. Participants gained valuable knowledge on sustainable practices, income generation, and marketing strategies, fostering self-reliance in livestock farming. The program strengthened women's roles in sustainable agriculture and contributed to empowering local communities.



ICAR-KVK, Medak-2 (Tuniki), Telangana

Training program on Integrated Crop Management practices in Redgram cum Input distribution

A training program on Integrated Crop Management Practices in Redgram and Input Distribution under CFLD-Pulses was conducted on October 21, 2024, at Nawabpet (V), Shivampet (M), Medak (D), involving 72 farmers. The objective was to train farmers on pest management during the flowering stage of Redgram. Farmers were educated on identifying symptoms and managing key pests, including gram pod borer and maruca spotted pod borer. As part of the program, inputs such as Chlorpyrifos and Trichoderma viridae were distributed to farmers to aid in pest and disease management. The training enhanced farmers' knowledge of integrated pest management (IPM) strategies, equipping them with the necessary tools to minimize crop losses and improve Redgram productivity.



ICAR-KVK, Naldonga 1 (Gaddipally), Telangana

Capacity Building Training Programme to Sericulture Farmers

A three-day capacity-building training program for sericulture farmers was inaugurated on October 24, 2024, in collaboration with the Regional Sericulture Research Station and Central Silk Board, Mulugu. The program aimed to update farmers' knowledge on new sericulture technologies. Experts like Sri A. Mutyalu, Dr. Vinod Yadav, and Dr. S. Usha Rani shared insights on subsidies, crop diversification, and skill training for self-employment. 40 farmers participated, and the program included an exposure visit to a progressive farmer's field. Certificates were awarded to trainees, empowering them to enhance their sericulture practices and income.



ICAR- KVK, Nalgonda 2 (Kampasagar), Telangana

Three days Skill Training Programme on Mushroom Production' under SC Sub Plan

A 3-day skill training program on mushroom production was organized under the SC Sub Plan project at Krishi Vigyan Kendra, Kampasagar, from September 30 to October 2, 2024. The program aimed to provide hands-on training to 30 farmers on mushroom production and precautions to take during the process. The training covered various aspects, including the nutritional value of mushrooms, entrepreneurship development, and bed preparation. Farmers also visited a mushroom unit to gain practical knowledge. By the end of the program, farmers had gained valuable knowledge on mushroom production, enabling them to improve their skills and livelihoods.



ICAR- KVK, Nizamabad (Rudrur), Telangana

Distribution of Bengal gram seed under SC Sub Plan.

Under the SC Sub Plan, Bengal gram seed (NBeG-47) was distributed to beneficiaries in the adopted villages of Bikhelli and Ambedkarnagar. Farmers were educated on the importance of seed treatment with Trichoderma for disease prevention and enhanced germination. Additionally, best crop management practices were explained to ensure better yields and sustainable productivity. The initiative aimed to support SC farmers by providing quality seeds and technical guidance, promoting scientific cultivation practices for improved crop performance.



ICAR-KVK, Warangal 1 (Malyal), Telangana

Field Day on "HDPS Cotton" under ICAR-CICR Special Project on Cotton under NFSM 2024

A Field Day on HDPS Cotton was held at Pedda Thanda, Ingurthy Mandal, on October 23, 2024, in the field of Banoth Balu. Dr. N. Kishore Kumar, SMS (Extension), explained the project's objectives. Dr. D. Kanjana, Principal Scientist, ICAR-CICR, Coimbatore, discussed sowing time, machine sowing, and growth regulator application. Dr. S. Malathi, Programme Coordinator, KVK, Malyal, highlighted the advantages of HDPS Cotton and IPM practices. Dr. G. Veeranna, Principal Scientist, RARS, Warangal, explained the concept of HDPS Cotton. Farmer Banoth Balu shared his positive experience with HDPS Cotton, providing valuable insights to the attendees.



ICAR-KVK, Warangal 2 (Mamnoor), Telangana

Extension activity - Diagnostic field visit to green gram

A diagnostic field visit to Green Gram fields was conducted on October 30, 2024, at Bollikunta village, Warangal district, with the objective of identifying pest infestations and providing effective management solutions. The team observed damage caused by Spodoptera and leaf Webber, which were affecting crop health and yield. To mitigate the issue, farmers were advised to spray Spinosad (0.3 ml/l) and Neem oil (1500 ppm @ 5 ml/l) during evening hours for better pest control. These timely interventions helped minimize yield loss and promote healthy crop growth, benefiting the farmers by enhancing productivity and ensuring effective pest management.



 ICAR- KVK, Ranga Reddy, Telanagana
Awareness Training Programme on CFLD Pulses and Field Day on HDPS and CS cotton

The 'Awareness Training Programme on CFLD Pulses and Field Day on HDPS and CS cotton' was organized on 22nd October 2024, at Chittapur & Manchal Mandal of Ranga Reddy district, Telangana State. Dr. Chandrakant, M.H., Senior Scientist cum Head, KVK extended a warm welcome to the Chief guests, resource persons & farmers and explained about the objective of this program that is to create awareness among the farmers on CFLD Pulses and HDPS and CS Cotton, attended around 68 farmers and farm women for this program. The objective of this program was to create awareness training programme on CFLD Pulses and Field day on HDPS and CS cotton. The resource persons in the program were Dr. Shaik N Meera, Director ATARI, Hyderabad, Mr. Narashima Rao, DAO, Ranga Reddy, Dr. A.R Reddy, Principal Scientist ATARI Hyderabad, Dr. Bhaskaran, Principal Scientist ATARI Hyderabad, Dr. Chandrakant M.H. (Senior Scientist cum Head), Mrs. Sujatha, ADA, Ranga Reddy, Dr. Malathi, Scientist ATARI Hyderabad, Dr. D. Sudheer, SMS (Veterinary science), Dr. S. Vijaya Kumar, SMS (Agril. Eng.), Sri G. Srikrishna, SMS (Horticulture), Dr. S. Dilip, SMS (Agril. Extension), and village representatives participated in this program. Explained about the cultural practices and pest and diseases management in red gram var: WRGe-97 and High-Density Planting System (HDPS) in cotton is an advanced agronomic practice designed to maximize land use efficiency and increase cotton yield per unit area. By optimizing plant spacing and population density, HDPS aims to enhance overall productivity and profitability in cotton farming. The farmers who follow the pattern of sowing with proper spacing, 90x15 cm will get benefits from CICR Nagpur to the farmer's bank accounts to encourage farmers, also gave information about the importance of drone in HDPS cotton field and also discussed IPM by combining monitoring, cultural practices, biological control, physical methods, and targeted chemical applications, farmers can achieve optimal pest control and maintain high cotton productivity in dense plantings.



Mr. Mallappa HDPS farmer shared his experience with HDPS cotton, which is pest resistant, short duration crop and can be easily move between crops for intercropping operation, low input costs and high yield as compared to farmer practice.

Dr. Shaik N Meera, Director ATARI, Hyderabad, pointed out scope of vegetable production and marketing in Peri urban areas. Later visited to papaya farmers field and interacted with the farmers. Dr. S Vijaya Kumar, SMS extended his vote of thanks to all the dignitaries, trainees and farmers who attended the programme and made it successful.

Puducherry

ICAR-KVK, Puducherry, Puducherry

KVK Participation in the National Workshop on "Fertiliser Policy and Emerging Trends in Plant Nutrition Technologies"

A National Workshop on Fertiliser Policy and Emerging Trends in Plant Nutrition Technologies was conducted on October 16, 2024, at Puducherry, with 79 officials from the agriculture department and fertilizer companies in attendance. The objective was to enhance awareness of India's fertiliser policy, advancements in plant nutrition technologies, and the importance of balanced nutrient use. Experts emphasized the declining soil organic carbon levels and advocated for organic fertilizers to sustain soil health. Discussions covered nutrient-based subsidies, nano fertilizers, and the role of Krishi Vigyan Kendra in promoting integrated nutrient management (INM). Participants gained valuable insights into fertilizer policies and sustainable nutrient management strategies, contributing to improved soil fertility and crop productivity.



ICAR-KVK, Karaikal, Puducherry

Celebration of World Food Day -2024 under the ICAR-SCSP component

World Food Day 2024 was celebrated under the ICAR-SCSP component on October 16, 2024, with 43 SHG members participating. The event focused on the theme "Right to Food for a Better Life and a Better Future," emphasizing food security and nutrition for all. The program highlighted the importance of balanced nutrition, food security, and minimizing food waste. The Principal of Govt. I.T.I. T.R. Pattinam addressed the participants on these critical issues. Various activities, including a food competition, exhibition, and quiz program, showcased India's progress in food grain production and efforts to combat malnutrition and climate change impacts. Participants gained insights into sustainable food systems, reinforcing the importance of nutritional awareness and responsible food consumption.



KVK Spotlight: Monthly Summary of Noteworthy Initiatives



Skill Training Programme on Mushroom Production under SCSP (KVK- Nalgonda 2 Kampasagar, TG)



FLD on RTU Multigrain Mix – Empowering Rural Women on Nutritional Benefits (KVK, Prakasam 2, Darsi, AP)



Method demonstration of Pheromone traps establishment (KVK, Warangal 2, Mamnoon, TG)



Field Visit on Tomato: Impact of excessive and incorrect Growth Regulator Use (KVK, Chittoor 1, Karakambadi, AP)



Training Program on Flower Regulation in Acid Lime for Higher Summer Yields (KVK, East Godavari 2, Pandirimamidi, AP)



Field visit: DSR Fields and Conducted a Benchmark Survey on Directed Seeded Rice (DSR). (KVK, Nalgonda 1, Gaddipally, TG)



Visit to sugarcane field installed with IoT based sensor and valves in drip irrigation (KVK, Tiruvallur, TN)



Diagnostic field visit to intensive ram lamb unit. (KVK, Guntur, AP)



Farmers scientist interaction meet & Joint diagnostic visit: fall army worm in maize crop. (KVK, Tiruchirappalli, TN)



SPARK BULLETIN

Monthly Momentum of Zone - X KVKs

(KVKs, Kammanachapuram, TG)

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Exposure visit of Tamil Nadu (Tiruvallur) farmers to KVK under ATMA.
(KVK, Chittoor 1, Karakambadi, AP)



FLD - Method Demonstration of seed treatment in Ragi
(KVK, Erode, TN)



Diagnostic field visit: Observed Stem rot, Nutrient deficiency, Spodoptera in Chilli crop (KVK, Khammam 1, Wyra, TG)



Training programme on Mushroom production under Vikasit Bharat 100 DAYS programme
(KVK, Guntur, AP)



Diagnostic Field visit: Observed Fusarium Wilt and Collar rot in Chili crop
(KVK, Nalgonda 1, Gaddipally, TG)



Campus training on Seed production techniques in Sun hemp
(KVK, Pudukkottai, TN)



Diagnostic Field visit: Weedicide toxicity and Nutrient deficiency in Avocado.
(KVK, Krishnagiri, TN)



Diagnostic field visit: Identified Phyto toxicity problem in moringa.
(KVK, Tiruppur, TN)



FLD: Demonstration of Favoured paneer using Paneer Pressing Device
(KVK, Villupuram II, TN)



OFT - Assessment of Consumer Acceptance & Demonstration of Millet-Based Rice Bran Cookies
(KVK, Guntur, AP)



Method demonstration on covering bunches with 2% ventilated polythene covers.
(KVK, East Godavari 2, Pandirimamidi, AP)



Animal Health Camp: Treatment of Anoestrus, Repeat Breeding, Foot Rot & Pregnancy Diagnosis.
(KVK, Krishna 1, Garikapadu, AP)



Hands on training on Vermicompost Production Technology to rural women.
(KVK- Karaikal, PY)



Field Diagnostic Visit in Maize Fall Armyworm Management Strategies Provided Through IPM
(KVK- Dharmapuri, TN)



Training cum Method Demonstration of better nutrition and lowcost nutritive diet under SCSP component
(KVK- Warangal 2, Mamnoon, TG)



Awareness programme on Rain water harvesting with Agricultural Engineering department
(KVK- Tiruchirappalli, TN)



Skill training programme on Value addition of millets
(KVK- Medak 1, Zaheerabad, TG)



Diagnostic field visit - Identified phyto toxicity problem in tomato due to indiscriminate application of pesticides mixed with micronutrients
(KVK- Tiruppur, TN)



Off campus training on ICM and IPDM in paddy
(KVK- Thiruvallur, TN)



STRY Skill training programme on Millet processing and Value addition
(KVK- Mahabubnagar 1, Madanapuram TG)



Group discussion on crop rotation in pest management
(KVK- Warangal 2, Mamnoon, TG)



Diagnostic field visit was made in paddy field and observed that Echinochloa species was present in most of the paddy field
(KVK- Cuddalore, TN)



Delivered guest lectures on recent varieties in Nutri cereals to the extension officials.
(KVK- Tiruvallur, TN)



Scientific Goat Rearing – Importance of Deworming & Vaccination Schedules
(KVK- Ariyalur, TN)



ARYA Skill training on Honey Production and Processing (KVK- Kanyakumari, TN)



Training programme on Low-cost production technologies in rabi crops to DARS sub division of MAOs, AEOs and VAAs (KVK- Prakasam 1, Darsi, AP)



Assessment of Pre-Monsoon Sown Paddy – Advisory on Herbicide Use, Moisture Management & Zinc Supplementation. (KVK- Ramanathapuram, TN)



Diagnostic Field Visit in Castor – Management of Botrytis. (KVK- Anantapur 2, Kalyandurg, TG)



Rythu Nestham Live Streaming on Digital India & Digital Telangana with Virtual Interaction with Telangana IT Minister (KVK-Karimnagar 2, Ramagirikhilla, TG)



Inter State Exposure Visit of Kaniyambadi Block, Vellore District Farmers to KVK, (KVK- Chittoor, Kalikiri, AP)



Awareness campaign -Importance of care and maintenance while handling Farm Machinery (KVK-Erode, TN)



On campus training on Desi bird rearing (KVK-Nammakal, TN)



Training on Integrated Crop Management in Rice based Cropping system. (KVK- Sivaganga, TN)



Training programme on Natural farming - Role of women farmers in Agriculture (KVK-Guntur, AP)



Diagnostic Farm Visit – Chick Mortality Due to Rain, Vaccination & Management Advisory Provided (KVK-Dharmapuri, TN)



off campus training on Potassium (K) nutrient management in paddy. (KVK-Karur, TN)



Field visit - Follow up of ASCI Trainees on Organic cultivator
(KVK-Villupuram II, TN)



Off campus training on value addition of coconut and mango for self-help groups
(KVK-Vellore, TN)



Off-campus training on Vermicompost Production Technology to SHG members'
(KVK-Karaikal, TN)



Off-Campus Training on Sunflower Cultivation & Potential in Karthigai Pattam
(KVK- Cuddalore, TN)



FLD Implementation: Demonstration on Value Addition to Tomatoes
(KVK- Prakasam 2, Kandukur, AP)



Field Visit to Inundated Paddy, Blackgram & Cowpea Fields After Heavy Rains
(KVK- Nellore 1, AP)



FLD Demonstration on Sex-Assorted Semen Technology & Reproductive Management
(KVK-Dharmapuri, TN)



On campus training on "jam and Squash - Demonstration" jointly organised with EDII, Periyakulam
(KVK-Madurai, TN)



T&V meeting - discussing measures for paddy, Bengal gram, black gram, and cotton crops in response to heavy rains
(KVK- Kadapa-1, Utukur)



Diagnostic field visit to inundated fields along with Hon'ble Minister and District Collector
(KVK- Prakasam 1, Darsi, AP)



Method demonstration for direct seeding of rice using drum seeder.
(KVK-Karur, TN)



Awareness programme on village Industries under Gramodyog Vikas Yojana
(KVK- Thiruvannamalai, TN)



Method demonstration on millet cake (ragi cake) to women.
(KVK-Guntur, AP)



Exposure visit for CCINM PACSs members
(KVK-Kurnool 2, Banavasi, AP)



Entrepreneurs Meet Discussions on MSME ZED Certification, Product Packaging & Agri-Allied Innovations
(KVK-Theni, TN)



Demonstration of Maize Maxim (Micronutrient) liquid formulation for foliar spray using drones.
(KVK- Cuddalore, TN)



Field visit to monitor millet products preparation by women.
(KVK- Guntur, AP)



Distribution of Bioinoculants and Demonstration of Application Methods for Maximizing Nutrient Uptake in Paddy.
(KVK-Villupuram I, TN)



Training on Production of vermicompost and Soil testing for B.Sc. (Ag.) students of ITM university, Gwalior under Internship programme.
(KVK-Kurnool 1, Yagantipalle, AP)



Awareness campaign on management of otomycosis in cow
(KVK-Dharmapuri, TN)



Diagnostic visit to Avocado and Coconut, wilting and drying symptoms were observed.
(KVK- Nilgiris, TN)



Hands-on Training on Rainwater Harvesting Methods
(KVK-Pudukkottai, TN)



EDP on Niche and Nutraceutical fruits products for youth Entrepreneurial development (SCSP)
(KVK-Krishnagiri, TN)



Sheep & Goat Health Camp at Budawada – Treatment for Limping & Deworming
(KVK- Krishna 1 (Garikapadu), AP)



Sheep & Goat Health Camp at Budawada – Treatment for Limping & Deworming. (KVK- Krishna 1, garikapadu, AP)



Diagnostic Field Visit in Turmeric – Leaf Spot Management (KVK-Kadapa 2, Vonipenta AP)



Off campus training on use of Bio-mineralizer for Insitu decomposing of paddy straw (KVK-Vellore, TN)



Awareness programme on plant protection at All India Radio, Kothagudem (KVK-Bhadradi Kothagudem, TG)



Demo on foliar spray of nano urea by drone in maize field. (KVK- Perambalur, TN)



Training programme on "Certificate course on INM" – Exposure visit to KVK, Guntur from KVK- Garikapadu. (KVK-Guntur, AP)



Training cum Method Demonstration on preparation of Ghanajeevamrutham under Natural Farming (KVK – Vonipenta, AP)



Method demonstration on preparation of organic inputs (KVK -Ariyalur, TN)



On campus Paid training on "Mushroom Cultivation Technologies" (KVK – Tiruchirappalli, TN)



Supervision of Skill Training on Tailoring for Rural Youth (2-month duration) under SC SP Program (KVK- Nalgonda 1, Gaddipally, TG)



Distribution healthy Papaya seedlings to Tribal farmers of Srikakulam under TSP (KVK- Srikakulam, AP)



Demonstration of Groundnut digger cum shaker. (KVK-Mahbubnagar 1, Madannapuram, TG)



Frontline demonstration on Application of Azophosmet for paddy.
(KVK- Cuddalore, TN)



Off-Campus Training on Horticulture Processing, Value Addition & Marketing of Traditional & Promising Crop Varieties.
(KVK- Vellore, TN)



Extension Functionaries Training on Pest Surveillance and Forewarning
(KVK- Salem, TN)



FLD diagnostic visit for analysis of growth performance of TANUVAS Aseel star backyard chickens (KVK-Villupuram II, TN)



Follow up of OFT on Assessment of specific mineral mixture on production performance of goat.
(KVK-Villupuram II, TN)



Field Visit to Groundnut (K1812) & Bhendi (CO 4) – Advisory on Earthing Up, Gypsum Application & Foliar Nutrition.
(KVK- Dindigul, TN)



Method demonstration on 'Multi Tree Climber Machine' under SCSP
(KVK- Krishnagiri, TN)



Training to farmers on bee keeping
(KVK- Erode, TN)



Diagnostic Field Investigation in Castor – Poor Pod Set Identified & Castor Gold Recommended.
(KVK- Tiruchirappalli, TN)



Field Day and Crop Cutting Experiment (CCE) on HDPS in cotton.
(KVK-Mahbubnagar 2, Palem, TG)



Method Demonstration on Guava Toffee Preparation – Nutritional Value, Techniques & Market Potential
(KVK- Vizianagaram, AP)



Field visit to Chrysanthemum grown under Polyhouse by ARYA farmer beneficiary.
(KVK-Warangal 2, Malyal, TG)



Demonstration on Preparation & Nutritional Benefits of Brown Rice Cookies.
(KVK-Guntur, AP)



Skill Development Training on Cocoon Crafts – Session Conducted for Rural & Farm Women
(KVK- Nilgiris, TN)



Method demonstration on direct sowing using drum seeder in paddy fine grain Varieties
(KVK- Thoothukudi, TN)



IRRI Scientist visit to Khammam District from sample collection of sheath blight and false smut for their study in Emerging diseases.
(KVK- Khammam, Wyra, TG)



Distribution of Vanaraja and Gramapriya birds to SCSP beneficiaries.
(KVK- Guntur, AP)



Training cum demonstration under OFT on assessment of millets rich antioxidant nutrients.
(KVK- Krishna 1, Garikapadu, AP)



Farmers Grievances Day meeting
(KVK - Cuddalore, TN)



Demonstration of Jesh heal for management of wound in dairy cattle
(KVK - Vellore, TN)



Diagnostic field visit in Tomato intercropped with Marigold.
(KVK - Vonipenta, TN)



Capacity Building Programme on "Freshwater fish marketing systems & Distribution channels".
(KVK-Karimnagar, Jammikunta, TG)



Training programme on Integrated Crop Management in Casuarina and Distribution of casuarina MTP 2 seedlings to FLD Farmers
(KVK - Puducherry, PY)



FLD on IDM in chickpea - Method demonstration on incubation of biofungicides and bio fertilizers.
(KVK - Prakasam 2, Kanduku, AP)



**Diagnostic Field Visit to Green Gram –
Spodoptera & Leaf Webber Management
Advisory
KVK, Warangal 2, Mamnoor, TG)**



**Diagnostic Field Visit in Paddy – Advisory
on BPH & Sheath Blight Management
(KVK – Krishna 2, Ghantasala, AP)**



**Conducted field day under OFT
ASSESSMENT OF onion varieties NHRDF
Fursungi and NHRDF Red.
(KVK – Vonipenta, TN)**

Awards and Recognition**KVK-Dharmapuri, Tamil Nadu**

Received Best Stall Award for the Exhibition organized on Water saving technologies and impact of KVK interventions in the Chinnar and Vaniyar Sub basins in the International Conference on WASCC at TNAU, Coimbatore



Important Events

World Egg Day Celebration

Health benefits of Eggs, Nutritional profile of eggs, small scale production and Marketing Celebrated World Egg Day on 11th October on awareness on the importance of World Egg Day with the theme "United by Eggs" which emphasizes the important role they play in the day-to-day lives of humans all over the planet and are also a major part in nutritional aspect. Created awareness regarding incorporation of egg in diet and benefits of eating eggs which is the cheapest source of protein available. Also suggested regarding rearing of backyard poultry which provides eggs and meat.



KVK- Villupuram II, Tamil Nadu



KVK-Sivagangai, Tamil Nadu



KVK Warangal 2-Mamnoor, Telangana

World food day

World food day is celebrated by highlighting the importance of theme "Right to Food for a Better Life and a Better Future." This theme emphasizes the fundamental human rights to accessible nutritious, affordable and sustainable food to ensure everyone's well-being and dignity. KVKs guests highlighted the importance of eating healthy food and suggested to avoid junk food. Women farmers showcased different varieties of millet foods and best were given prizes.

**KVK-Viskhapatnam, Haripuram, AP****KVK-Warangal 2, Mamnoor, TG****KVK-Karur, TN****KVK-Karaikal, PY****KVK-Kurnool 1 - Yagantipalle, AP****KVK-Adilabad, TG**

SPARK BULLETIN

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Scientists and Farmers interaction meeting at Raitu Vedika, Chintapalli village, Rangareddy dist. Telangana.