April -June, 2024 NEWSLETTER No. 02

Youth for Action
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AREAS COVERED

- Capacity building Programmes
- OFTs and FLDs
- Collaborative and sponsored programmes
- Significant events
- Agro -advisories (Farmer-scientist Visits and Kisan Sarathi)
- Capacity building for staff

Capacity building programmes

Capacity building programmes include Trainings and Skill trainings organized during April to June, 2024. A total of 20 capacity-building programs, both online and offline, were conducted. These programs were conducted from different discipline including Plant protection, Horticulture, Agril. Engineer, Agricultural extension, and Home science. The training targeted farmers, rural youth, extension workers, and farm women in Mahabubnagar district, benefiting a total of 630 participants.

Trust area	Discipline
Integrated Pest Management of field crops and fruit crops	Plant protection
Integrated crop management in field crops	Plant protection
Nursery management in fruit crops	Horticulture
Post harvest management of fruit crops	Horticulture
Establishment of new orchards	Horticulure
Plant protection equipments repair and maintenance	Agri.Engg
Formation and strengthening of FPOs	Agril. Extension
Integrated farming system in dry land region	Agril. Extension
Digital solutions in agriculture and allied sectors	Agril. Extension
Integrated nutrient management for major field crops	Agril. Extension
Value addition in oil seeds	Home Science
Nutritional security for rural women and children	Home Science
Indigenous fruits and vegetable cultivation	Home science

OFTs, FLDs and Extension studies

From April to June 2024, YFA-KVK conducted 01 OFT (On farm Trail) and 02 FLDs (Front Line Demonstrations) across different disciplines. In addition to these activities, the center also conducted a comprehensive extension studies, further enhancing its outreach in the working areas of KVK.

OFTs

Title of the event	Activity conducted/ advisory given under FLD	Area (Ha.)	No. of farmers beneficiaries
Assessment of Water melon high yielding and Early Variety Arka Shyama	-Arka Shyama is an icebox segment watermelon variety with dark greenish black rind, oblong fruit shape of 3-4kg weight, early (65-70 days to harvest) possessing dark red coloured, crispy, sweet (TSS-12%) flesh. -Farmer opined that the fruits are medium size, crisp flesh, dark red, sweet in taste and good for small family which had a great demand among the consumers. Farmer recorded B.C ratio of 2.1, whereas in farmer practice B.C ratio is 2.05.	0.3	03

FLDs

Title of the event	Activity conducted/ advisory given under FLD	Area (Ha.)	No. of farmers beneficiaries
FLD on Integrated Crop Management in Mango	-There was significantly increase in the yield (34.50 %) in demonstration. -The net return and B:C ratio were found to increase in demonstrated plot over farmer's practice. -The adoption of different package of practices shows positive impact of integrated crop management on yield and economics of mango	3.2	08
FLD on Demonstration of Convenience foods from millets as an enterprise	-Established Small-Scale Millet Processing Unit by providing critical inputs (Backing Oven, Planetary mixture and pulveriser) at Pamireddy Palli village under the SCSP FLD programme	-	10



Assessment of Water melon high yielding and Early Variety Arka Shyama







FLD on Integrated Crop Management in Mango




Small-Scale Millet Processing unit sponsored under the ATARI SCSP programme

Collaborated and sponsored programmes

YFA-KVK organized a one sponsored skill training programs under STRY from April to June 2024, conducted by SMS (Horticulture), These programs were designed to enhance the skills of farmers, farmwomen, and rural youth in Wanaparthy district. Collectively, these training sessions benefited 15 participants, equipping them with valuable knowledge and practical skills in their respective fields.

Skill training on Nursery Management under STRY (01.04.2024-06.04.2024)

YFA-KVK conducted a 06 days STRY Skill Training program focused on Nursery Management.

Day 1: The inauguration featured Shri Chandra Sekhar, ADA from the Department of Agriculture in Wanaparthy, along with SSH, SMS PP, and SMS Horticulture. He spoke to the rural youth about the significance of STRY trainings and their impact on agriculture and horticulture, and distributed course materials to the trainees. The day concluded with a practical class on vegetable nursery management.

Day 2: Participants attended a lecture on vegetable nurseries, followed by practical sessions that included cocopeat filling and seeding in trays.

Day 3: The training covered techniques such as pre-curing, air layering, mound layering, and top working, with a field visit to a farmer’s plot in Kotha Palli.

Day 4: Trainees visited commercial vegetable and fruit nurseries in Boothpur and Jadcherla for further exposure.

Day 5: Practical sessions focused on vegetative propagation methods for softwood, semi-hardwood, and hardwood plants, along with a visit to a commercial oil palm nursery in Kadukuntka.

Day 6: The final day included practicals on veneer grafting and approach grafting. In the afternoon, certificates were awarded to the trainees, with participation from ADA, SSH, and specialists in plant protection and horticulture.





Significant Events

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

On April 25, 2024, YFA-KVK, in collaboration with the Department of Agriculture, organized a Kisan Mela cum Agricultural Exhibition at Jajapur Rythuvedika in Narayanpet district, focusing on strengthening the millet value chain. The event began with Dr. G. Bhavani, SMS in Agricultural Extension, welcoming attendees and outlining the objectives of the mela. Dr. Khogare D.T. discussed the KVK's mandates and the health benefits of millets. The District Agricultural Officer, Mr. J. Sudhakar, highlighted the millet scenario in the district, followed by technical sessions led by V. Rajendra Kumar on Good Agricultural Practices for millet production, Dr. Nagarjun on various millet seed varieties, and Mrs. Pradhipa on post-harvest and processing technologies. The event also featured the release of a book on "Package of Practice for Sorghum and Ragi, Health Benefits of Millets, and Value-Added Products in Millets," presented by KVK scientists and the DAO. A farmer-scientist interaction session was conducted, along with the felicitation of speakers and a vote of thanks by R. Anitha, SMS in Home Science. Later, dignitaries and farmers visited stalls showcasing different millet seed varieties, processed products, and agricultural displays from private organizations. A total of 258 farmers participated, along with Agricultural Officers from various mandals in Narayanpet.









District level meeting on strengthening of FPO of Erstwhile Mahabubnagar

On May 15, 2024, YFA-KVK attended a district-level meeting organized by NABARD at the DCCB meeting hall in Mahabubnagar to strengthen Farmer Producer Organizations (FPOs) in production, processing, and finance. Representatives from 42 FPOs were present, and Dr. G. Bhavani discussed the available technical support. The meeting concluded with a review of the FPOs' status and strategies for sustainability, involving participants such as NABARD DDMs and officers from the CSA and banking sectors.

Pre-Kharif Awareness Programme

On May 29, 2024, YFA-KVK held a Pre-Kharif Awareness program in Pedhagudam for farmers and farmwomen. The event covered seed treatment, timely sowing, seed varieties, nursery management, Integrated Pest Management (IPM), and Integrated Nutrient Management (INM) for paddy and pulses. Participants learned about direct seeding, soil health practices, crop diversification, and the importance of PPE kits during spraying, as well as opportunities for value addition and processing of millets and oilseeds. Key contributors included Dr. G. Bhavani (SMS-Agril.Exten.), R. Anitha (SMS Home Sci.), Mr. Kurmaiah (AO) and Mrs. Kavitha (AEO).



Distribution of critical inputs under ATARI SCSP

From May 23 to June 14, 2024, YFA-KVK in Madanapuram carried out various initiatives under the ATARI SCSP program. On May 23, a distribution event highlighted the importance of plant protection and new equipment trends, with power sprayers distributed and a drone demonstration conducted. On May 25 and 28, vegetable seedlings were given to seven Scheduled Caste farmers to encourage crop diversification and improve their livelihoods, led by SMS-Horti. Additionally, on June 14, KVK Madanapuram organized a training and distribution session for 47 SC farmers, providing them with rice seeds (variety RNR-15048) and training in nursery management and pest and disease management in rice, including seed treatment, land preparation, and Integrated Pest Management practices, led by SMS Plant Protection).









PM Kisan Samman Nidhi program (Live Telecast)

On June 18, 2024, YFA-KVK in Madanapuram hosted a live telecast of the PM Kisan Samman Nidhi program, featuring the 17th installment of ₹20,000 crores for 9.26 crore farmers. The event raised awareness about the PM Kisan Yojana, drawing farmers from nearby villages and promoting it via social media. All KVK staff took part in the programme.

Significant Outreach activities with association with Farmer Producer Organizations.

From April to June 2024, YFA-KVK in Madanapuram offered technical assistance to three Farmer Producer Organizations (FPOs) in the Wanparthy and Narayanpet districts. The KVK organized awareness programs focusing on agriculture and related sectors, disseminated mobile agro-advisories, facilitated institutional linkages, and arranged exposure visits, following are the details:



Groundnut value chain initiative for the Farmer Producer Organization (FPO).

On June 20, 2024, YFA-KVK Madanapuram as part of facilitation on Groundnut value chain project for Kashimnagar FPO, sponsored by ICRISAT and PJTSAU, Hyd. A visit made with the team, including the SMS in Agricultural Extension, Agricultural Engineering, and Home Science from KVK and RARS Palem team from PJTSAU met with the FPO to ensure they received a thresher and digger for groundnut production under the project's guidelines.

Exposure visit to the Centre of Excellence, (Fruits) in Mulugu, Siddipet.



On April 22, 2024, an Exposure visit was organized for FPO mango farmers from Narayanpet to the Centre of Excellence for Fruits in Mulugu, Siddipet. The objective was to educate farmers about improved operational initiatives designed to boost productivity, lower costs, and enhance the quality of mango production. Facilitated by YFA-KVK SMS Agril. Extension, During the event, the ADA and AO from the center raised awareness about Good Agricultural Practices (GAP) for mango cultivation. They led field visits to demonstrate various mango varieties and nurseries, highlighting high-density mango plantation techniques at the centre.



Exposure visit for Millet Incubation Center at PJTSAU.

On May 16, 2024, YFA-KVK arranged an exposure visit for FPO farmwomen to the Millet Incubation Center at PJTSAU in Hyderabad. Participants learned about primary and secondary processing machinery and explored various value-added millet products. They also received guidance on starting small-scale businesses with millets and the support available at the center. Key staff involved included Dr. G. Bhavani, R. Anitha, and Mrs. Pradeepa, the center in-charge.

Agro advisories (through Farmer scientist visits and Kisan Sarathi mobile advisories)

Scientist visit to Farmers fields

From April to June 2024, YFA-KVK, Madanapuram conducted 16 scientist visits to farmer fields, advising 108 farmers on crop production and protection. Key advisories included managing Fall Armyworm in maize, Integrated Crop Management in Mango, and techniques for fruit and vegetable cultivation. They also focused on Integrated Pest and Disease Management (IPDM), value addition in millets, and assessed the impact of KVK technologies at Integrated Farming System (IFS) units. Visits to Pebbair, Pangal and Kashimnagar FPOs provided guidance on groundnut seed production, cold press oil units, and establishing marketing linkages.

Farmers visits to KVK

From April to June 2024, YFA-KVK received visits from 276 farmers, farm women, and rural youth seeking advice on crop production and plant protection. They received guidance on major crops such as paddy, groundnut, drumsticks, mango, and maize, as well as information on seeds, sampling materials, farm mechanization, farmer production organizations, and value addition techniques.








Kisan Sarathi Mobile Advisories

A Total of 32 messages were sent to the 2,64,727 number of registered farmers in the areas of pest and diseases in Agriculture and Horticulture crops, Information on availability of Seed varieties during the months of April to June 2024.

Soil and Water analysis

A Total of 194 soil and water samples were analysed during the months of April to June 2024.

Capacity building programmes for Staff

S.o.	Title of the Programme	SMSs involved	Organizing agency	Duration	Location/ Venue
Training/Vocational trainings					
01.	Promotion of FPOs in Agriculture and allied sectors.	All SMS and SSH	EEI, Hyderabad	11.06.2024 to 15.06.2024	Zoom platform
Seminars/ Conferences /Workshops					
01.	SLTP 2024-25	All SMS and SSH	PJTSAU, Hyd.	01.05.2024 to 0.3.05.2024	PJTSAU Auditorium, Hyd.

02.	Regional consultation programme on “Science of Natural farming”	SMS (Plant Protection)	MANAGE Hyderabad	14.06.2024	MANAGE, Hyderabad
03.	One day national seminar on "Impact of Development Programmes on Telangana Economy	SMS (Horticulure)	Indian Council of Social Science Research, and NTR Govt Degree and PG College for women	28.06.2024	Hyderabad

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