



RASS-Krishi Vigyan Kendra

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Significant Activities:

95th foundation day of ICAR and Technology Day

RASS KVK has organized 95th Foundation Day of ICAR and Technology Day celebrations from 16-18 July, 2023 at KVK premises.

On first day of the programme experts and KVK scientists delivered their address and presentations on Management practices in dry land agriculture, rain water harvesting, weather based agriculture, contingency crop planning, subsidy schemes from line departments, liquid bio fertilizers, novel fertilizers and their formulations and collaborative activities of KVK with ATMA and district line departments etc.,

Sri Ratnaprasad, DPD, ATMA, Chittoor, Dr. G. Krishna Reddy and Dr. T. Pratima, Principal Scientists, RARS, Tirupati, Smt. Pushpalatha, MHO, Srikalahasti, Dr.Y.Reddiramu, Sr.Scientist, DAATT Centre, Chittoor were attended the programme.



During the second day imparted knowledge about market and consumer demand oriented agriculture, farm mechanization, Farmer Producer Organizations, importance of soil testing and its procedure, services of Rythu Bharosa Kendras, subsidy schemes in dept. of agriculture and sericulture etc. The dignitaries released the publications developed by the KVK and supplied seedlings, bio fertilizers to farmers for conducting demonstrations at farmer fields and supplied battery operated sprayers to paddy farmers under IIRR, SCSP project. Also explained about usage of drones in agriculture and conducted demonstration on Drone spraying at KVK demo unit.

Sri S.Venkataratnam, General Secretary, RASS & Chairman, KVK, Dr.C.Ramana, ADR, RARS, Tirupati, Sri Danunjaya Reddy, ADA, Tirupati, Smt. Geetha Rani, ADS, Tirupati were participated in the programme.



Dr.G.Venkata Naidu, Director of Extension, Sri Venkateswara Veterinary University, Tirupati has attended as guest for valedictory session on the last day of the programme. Farmers were enlightened about integrated farming systems, Sheep rearing, Goatery, Backyard poultry, value addition to chicken and meat

for getting higher market price, Artificial insemination, and sex sorted artificial insemination and its importance. KVK Scientists were explained about management practices to be followed in major Agri and Horticultural crops in Kharif season, importance of Medicinal plants and millets and their value addition.

KVK has also arranged exhibition stalls in collaboration with different agro input agencies i.e. pesticide, fertilizer companies and farm machinery dealers. Also organized exposure visits to demonstration units at KVK instructional farm. A total of 456 farmers from different mandals of Tirupati and Chittoor districts were participated in three day technology week.



Live webcasting of PM KISAN

RASS KVK has conducted live webcast of 14th instalment fund release under PM KISAN by Hon'ble Prime Minister, Sri Narendra Modi from Sikar district of Rajasthan on 27.07.2023 at Bhakarapet village of Chinnagottigallu mandal. Dr. S.Sreenivasulu, Sr. Scientist and Head, explained about the objective of the event, KVK activities towards the farming community for enhancement of livelihood. He also explained about the importance of Kisan Samridhhi Kendras and their mandatory activities, importance of FPOs, Organic farming, Soil and water conservation practices demonstrated under NICRA Project.



Smt.A.Padmaja, SMS, Sericulture explained about management aspects to be followed for better leaf yields in mulberry, implementation of organic farming in mulberry and silk worm rearing, major seasonal pest and diseases and their management in mulberry as well as silk worm rearing. She also explained about the importance of different medicinal plants and value added products prepared by using medicinal and aromatic plants.

P.S.Sudhakar, SMS, Horticulture explained about management practices to be followed in major horticultural crops cultivating in kharif season. He also explained about the soil and water conservation practices, soil health management, latest high yielding varieties of tomato and chilli, importance of training and pruning in mango and other horticultural crops.

KVK scientists, Representatives from Praniksha FPO and 70 farmers participated in the program.

Exhibition stall cum display of technologies during Independence Day

Our KVK has celebrated 77th Independence Day at KVK and participated in Independence Day celebrations held at Police Parade grounds, Tirupati on 15.08.2023. KVK has erected a stall in the exhibition with showcasing of different millets and millet value added products, herbal plants and value added products, mushrooms, vermicompost, azolla and agricultural drone. The visitors enlightened the knowledge about latest farming technologies, production aspects of different millet crops, importance of millets in daily diet, nutrient composition of millets, value addition with millets, different medicinal plants and their uses in healthy human life, production technologies of mushrooms, usage of agriculture drone in spraying operation etc.

Sri.K.Narayana Swamy, Hon'ble Deputy Chief Minister, Dr.S.Subramanyam, MLC, Sri.K.Venkataramana Reddy, District Magistrate and Collector, Sri.D.K. Balaji, Joint Collector, RDO, Tirupati, Officers from line departments, farmers, school children and local people visited our stall. Hon'ble Minister and District Collector appreciated the work of KVK towards upliftment of farming community. Dr.V.Divya, SMS, Agronomy received 'Certificate of Appreciation' from Hon'ble Deputy Chief Minister in the presence of District Collector and other dignitaries for her services towards farming community.



Certificate of Appreciations

Sr.Scientist & Head has participated in Annual Zonal Workshop of KVKs of Zone-X organized by ICAR-ATARI, Hyderabad at TNAU, Coimbatore in association with Directorate of Extension, TNAU during 17-19th August, 2023. The workshop was inaugurated by Dr.US Gautham, in the presence of Dr.V.Geetha Lakshmi, Vice Chancellor, TNAU, Dr.T.Janakairam, Vice Chancellor, Dr.YSRHU, Dr.B.Neraja Prabhakar, SKLTSHU, G.Sugumar, Dr.J.Jayalaitha Fisheries University, R.R. Burmana, ADG, AE, ICAR, Scientists of ATARI, Programme Coordinators of KVKs. The video on 'Plastic mulching in tomato' and a booklet on 'Success Stories of Farmers' developed by our KVK were released by the dignitaries.



Sr.Scientist & Head presented progress of work done for the year 2022-23. In the valedictory, KVK has received six 'Certificate of appreciations' for CFLDs pulses, CFLD oilseeds, drone project, soil health cards, Mobile advisories and best photo during annual zonal workshop from Dr.V.Geeta Lakshmi, Vice chancellor, TNAU in the presence of Director, ATARI, Hyderabad, and Director, ATARI, Bengaluru.

Millet Recipe contest and awareness on millet value addition

RASS KVK has organized 'Millet Recipe contest and awareness programme on millet value addition' on 23.09.2023 at Thulasi Krishna Puram village of Pichatur Mandal. About 30 women farmers prepared different value added products with Jowar, Ragi, Bajra and Korra (Foxtail millet) as a part of millet recipe contest. A team consists of Sarpanch, MPTC, DPD, ATMA, Community health worker and Sr.Scientist and Head selected top 5 women as millet ambassadors based on taste, composition and colour of the millet products and felicitated with certificate of appreciation.

Sri G.Ratnaprasad, DPD, ATMA said that millets are very nutritious food which contains more fibre content, proteins and minerals. He also said that millets are gluten-free and have a low glycemic index, making them ideal for people with celiac disease or diabetes.



Dr.S.Sreenivasulu, Sr. Scientist and Head explained about the KVK activities towards promotion of millet in view of International Year of Millets. He also briefed about the Good Agricultural Practices to be followed in millet cultivation for getting assured incomes.

Smt. K. Raghavamma, MPTC, Smt. Shyamala, Village Sarpanch, Dr.A.B.Srilatha, SMS, Home Science, Village Agricultural Assistant, Village volunteer, Anganwadi health workers and farmers were participated in the programme.

Publications

A booklet on "Natural Farming Methods" published by our KVK was released by Sri K.Venkata Ramana Reddy, Hon'ble Collector & District Magistrate at Collectorate, Tirupati on 04.09.2023. district was appreciated KVK efforts in bringing the booklet and advised to supply the same to all grassroot level extension

functionaries and farmers and disseminate the natural farming technologies among the farming community so as to produce pesticide free quality produce.



Interstate Exposure Visit

KVK has organised interstate exposure visit for 32 farmers to Horticultural College and Research Institute, Coimbatore and Horticultural Research Station, Ooty, Tamil Nadu Agricultural University on 01.07.2023. Farmers were imparted the knowledge on research activities being conducted on the medicinal plants, extraction of essential oils, experimental trials on apple, pear and peach plantation, including cole crops, root tuber crops, spices and condiments.



KVK has organized Nutrition month celebrations at Yeguvagaridona Village, Vedurukuppam Mandal (08.09.2023), Narasingapuram and Kothuru villages of Chandragiri mandal (12.09.2023), Tulasi Krishna Puram village of Pichatur mandal on 15.09.2023 and 21.09.2023. Created awareness on importance of millets and their value addition, intake of millets as healthy diet, nutritional deficiencies in rural women and children and remedial measures, nutri gardens etc.



KVK has hosted the exposure visit of 20 Community mobilisers and livelihood coordinators from different parts of the state from Child Fund Project on 22.08.2023. Imparted knowledge about KVK activities, sustainable agriculture, income generation activities, organic farming and seed production.

KVK has participated in One day training workshop on “Good Agricultural Practices (GAP) on the Voluntary Certificate Scheme for Medicinal Plant Produce (VCSMPPP)” conducted by Quality Council of India (QCI), GOI in Collaboration with KVK, APMAPB and Sunrise Agri and Herbal producers SHG at Hotel Raj Park, Tirupati on 21.09.23. Discussed about Medicinal and aromatic plants suitable for the district, cultivation practices, need and importance of certification and process, marketing aspects and work done by KVK for promotion of medicinal plants cultivation in the district. Sri. M.Jangaiah, Associate Manager, QCI, New Delhi, Ashok Kumar, APMAPB, Vijayawada, Dr.Gnanesha, Sr.Scientist, CIMAP, Hyderabad, Sr.Scientist & Head and SMS, Sericulture and farmers from Chittoor and Tirupati districts were participated in the programme.



Animal Health Camps

Two animal health camps were conducted by KVK at SUPuram and Chaitanapuram villages, Renigunta mandal. About 100 dairy animals and sheep were treated. The major problems identified were repeat breeding condition, anoestrus, infertility, mastitis and decreased milk yield in dairy animals. Treatment was done and suggested precautionary and preventive measures accordingly. De-worming and De-ticking were done to all the animals. Senior Scientist and Head, RASS-KVK, SMS, Veterinary and Agricultural Extension, Dr. Sravanthi, VAS, Renigunta, Project staff our host organization, RASS, and farmers were attended the programmes.



KVK has conducted “Swachata Hi Seva” programme from 15th September to 2nd October, 2023 at adopted villages, KVK premises, Schools and colleges. Created awareness on cleanliness and hygiene, eradication of single use plastic, crop residue management, Vermicompost preparation and organic farming etc.



Field day

KVK has organized Field Day in Pearl millet under FLD on “Demonstration of ABV-04 pearl millet” at Athuru village of Nindra Mandal on 12.09.2023.



Sr.Scientist & Head and SMS, Agronomy participated in interactive meeting between officials of NABARD and members of Bhoolaskhmi Farmer Producers Organization at Vemuru village of Tirupati Rural Mandal on 21.09.2023. CGM, DGM and DDM of NABARD, Secretary, WORD-NGO, FPO member

farmers were attended the programme. Explained about KVK initiatives in the village towards natural or organic farming promotion and technical backstopping to farmers in the Bhoolakshmi FPO.

► Senior Scientist and Head, SMS, Sericulture, Agril Extension and Veterinary science attended “National Conference on Sustainable Rural livelihood through social financial and technological interventions policies, pathways and tools” organized by Department of Veterinary Extension, Sri Venkateswara Veterinary College, SVVU, Tirupati during 14-15th September, 2023.



► SMS, Horticulture has attended district level Agro advisory council meeting organized by Dept. of Agriculture at Collectorate office, Tirupati on 22.09.2023 and explained about KVK activities and management practices to be taken up in horticultural crops.

Mandated Activities

| Particulars | No. of Progs. | No. of Beneficiaries |
|----------------|---------------|----------------------|
| Trainings - PF | 38 | 1039 |
| Trainings -RF | 05 | 126 |
| Trainings-EF | 07 | 158 |
| OFTs | 08 | 54 |
| FLDs | 09 | 166 |



Other Extension Activities

Radio Talks:

'Value addition to Millets' – SMS, Home Science

Farmers visit to KVK : 31 visits, 524 farmers for seed, seedlings and to know about new technologies in different crops

Field visits : 19 visits, 122 farmers - suggested suitable management practices and plant protections measures to farmers in different crops

Method Demonstrations : 12 demos, 342 farmers

Exhibitions : 4 no's, 757 farmers

Kisan mela : 2 no's, 267 farmers

Special programmes : 4 programmes, 371 farmers



Supply of seed & seedlings

| | |
|-------------------|----------|
| Redgram | : 1.44 Q |
| | in No's |
| Tomato | : 68665 |
| Chilli | : 21265 |
| Brinjal | : 15080 |
| Onion | : 48125 |
| Drumstick | : 125 |
| Marigold | : 17000 |
| Crossandra | : 2000 |
| Medicinal plants: | 25400 |
| Redsandal | : 500 |
| Srigandham | : 500 |
| Mulberry | : 1000 |



KVK has analyzed 76 soil samples and supplied soil health cards to farmers



Number of phone calls received by KVK scientists: 582