



Significant Activities

“PM Kisan Samman Sammelen and Rabi Kisan Mela”

KVK has organized “PM Kisan Samman Sammelen and Rabi Kisan Mela” at KVK Premises on 17.10.2022. Dr. C.Ramana, Principal Scientist & Head, Dept. of Agril. Engg, RARS, Dr. R. Nagaraju, Principal Scientist & Head, CRS, Tirupati, Sri R. Subhash, LDM, Tirupati were attended as resource persons for the Programme.

Dr. S Sreenivasulu, Sr. Scientist and Head, addressed about the main objective of the program as to conduct live webcast of inauguration of Agri start-ups conclave by Hon`ble PM Sri. Narendra Modi from New Delhi and create awareness about management practices to be done in Rabi crops in the district. He also explained about the activities of KVK, later webcasted the PMs Address from Agri start ups conclave, New Delhi.

Dr. C.Ramana, Principal Scientist & Head, Dept. of Agri. Engineering explained the Importance of Agri Startup companies, maintenance, various schemes to promote Start ups and their importance in providing employment to the youth in rural areas. He also said that there is a need for start ups in agricultural mechanization by establishing CHCs.

Dr. R. Nagaraju, Principal Scientist & Head of Citrus Research Station, Tirupati explained about Management Practices of major horticultural crops. He also said that there are good incentives for the Startups in the horticultural sector as well.

Sri R. Subhash, Lead District Manager, Tirupati, Sr. Scientist and Head, KVK scientists, agricultural students and nearly 320 farmers from different mandals across the district were attended the programme.



Two days "Training cum Awareness Programme on Out Scaling of Natural Farming"

Two days "Training cum Awareness Programme on Out Scaling of Natural Farming" was conducted at its premises during 23 – 24th November, 2022. Dr. G. Venkata Naidu, Director of Extension, Sri Venkateswara Veterinary University, Tirupati has graced the inaugural event as chief guest on first day of the programme.

Dr.S. Sreenivasulu, Senior Scientist and Head, explained about importance of natural farming in present agriculture and addressed about the problems faced by the future generations due to indiscriminate use of chemical fertilizers by the farmers which kill the microorganisms in the soil and spoil the soil health. He also explained about the "Organic Certification procedure" and said that the organic product can fetch higher market price than normally produced product.

Dr. G. Venkata Naidu, Director of Extension, SVVU spoke about the emergence of the Green Revolution and its consequences, the need to cultivate high-yielding varieties with less chemical fertilizers and pesticides, the importance of desi cows in natural farming, and the consequences of consuming food grown through the use of chemical fertilizers.

Sri. S. Rajendranath Reddy, Natural Farming Farmer and Founder of Bhavani Bio Agro farm, Thottambedu mandal has shared his experiences in cultivation of crops like rice, guava, mango etc. in natural farming methods for the past 10 years. He also explained about various infusions used in natural farming, importance of organic carbon in natural farming, preparation of vermicompost, biogas production and utilization.

Sri L.Surya Narayana Reddy, representative of Grameen Vikasa Samiti, NGO, explained about the problems caused by the use of chemical pesticides and fertilizers, which not only leads to spoil the healthy soil but also pollutes the surrounding air and water.

Dr. M. Ravindra Reddy, Scientist, Dept. of Microbiology, Dr. K. Devaki, Scientist, Dept. of Entomology, RARS, Tirupati were attended on second day and explained about usage of different bio fertilizers in natural farming, and pest and disease management in major crops through natural farming methods.

Also demonstrated different infusions and kashayams (Neem seed kernel extract, Panchagavya, Ghana and Drava jeevamrtham etc) used in natural farming to farmers. About 40 farmers from Vadamalapeta, Renigunta, Tirupati Rural mandals were participated in the programme. Farmers were also supplied with Tomato, Chilli, Marigold and Bio fertilizers for conducting demonstrations under Natural Farming.



“Training cum input distribution under CFLDs - Oil Seeds”

KVK has organized training cum input distribution under Cluster Front Line Demonstrations – Oil Seeds on 29.11.2022 at KVK for which Dr. J.V. Prasad, Director, ATARI, Hyderabad attended as chief guest of the programme.

Dr. J.V. Prasad, Director, ATARI, Hyderabad explained about importance of natural farming for production of chemical free food for nation. He also said that farmers were suffering with high cost of cultivation which is growing day by day due to indiscriminate use of chemical fertilizers. He suggested farmers to adopt Integrated Pest Management, Integrated nutrient management as well as integrated farming systems for getting more income with less cost of cultivation.

Senior Scientist and Head, explained about latest high yielding varieties in groundnut, seed production procedure, rules and good agriculture practices to followed in production of quality seed. He also explained about KVK activities towards farming community over 30 years. Dr. V. Divya, Scientist, Crop Production explained about production technologies of groundnut. Later 45 farmers were facilitated with Nithyathartha and Dheeraj varieties of groundnut seed for conducting demonstrations at Farmers fields.



National Farmers Day (Kisan Diwas) - 2022 celebrations at KVK

KVK has conducted Kisan Diwas in grand manner at KVK on 23.12.2022. Sri. S. Venkataratnam, Chairman, KVK has attended as the chief guest for the programme. In his address he said that indiscriminate use of chemical fertilizers can leads to increase in cost of cultivation as well as became cause for arising new health problems in human beings. He also said that farmers should use organic fertilizers, bio fertilizers and non-chemical pesticides to grow healthy food according to the advice of scientists. Similarly, he also stressed the importance of Integrated Farming System to realize sustainable yield or income in long term without depending on agriculture alone.

Dr. S. Sreenivasulu, Senior Scientist and Head while explaining the importance of Farmer's Day, said that on the occasion of Chaudhary Charan Singh's birth anniversary, this program is organized across the country on 23rd December every year in view of his services to the farmers. He said that due to the indiscriminate use of chemical fertilizers and pesticides by the farmers land is became infertile and the yields are gradually decreasing, in such situations organic farming and soil testing based farming are very necessary. Later 76 farmers were facilitated with Prabhath sunflower seeds, Neem oil and bio fertilizers for conducting CFLD's in oilseeds



Awareness cum demonstrations on Usage of drones in agriculture

Two days "Awareness cum demonstration on usage of drones in agriculture under Agriculture Drone Project (ADP) – 2022-23" during 22 & 23rd December 2022 at Gajulamandyam village of Renigunta Mandal and Appambattu village of Pichaturu Mandal.

As a part of these events KVK officials imparted the knowledge on benefits of drones in agriculture and allied sectors, preparation of insecticide formulations for drone spraying, precautions to be taken while using drones at field level etc. They also said that drones can be very useful in agriculture especially for spraying as it is cumbersome for farmers. Scientists advised farmers that by using drones time, dosage of chemicals and water requirement can be reduced. Later demonstrated sprayings in paddy, groundnut and chilli crops in 50ha area.

Sri S. Prasada Babu, District Agriculture Officer, Sri G. Danunjaya Reddy, DDA, Tirupati, Sri Ramesh Reddy, ADA, Satyavedu Division, Senior Scientist and Head, KVK, SMSs of KVK, Mandal Agriculture officers, Village Agriculture Assistants and 65 farmers from respective villages were participated in the Program.



KVK Scientists attended as resource persons

- ▶ Sr. Scientist and Head attended as resource person and delivered presentation on 'Good Agricultural Practices in paddy' (29.10.22) to ADAs and AOs, 'GAPs in organic farming of paddy and groundnut' (26.11.22) to VAAs of Tirupati agricultural division and 'Production technologies of sunflower and sesame' and 'Natural farming methods' (04.12.22) to input dealers under DAESI programme organized by ATMA.
- ▶ SMS, Horticulture attended as resource person and delivered presentation on 'Production technology of chilli' (09.10.22) 'Good Agricultural Practices in Mango' (29.10.22) to ADAs and AOs, and 'Pre harvest management practices in mango' (18.12.23) to input dealers under DAESI programme organized by ATMA.
- ▶ SMS, Agril. Extension attended as resource person and delivered presentation on 'Repair and maintenance of plant protection equipment' (20.10.22) to input dealers under DAESI programme organized by ATMA.
- ▶ SMS, Home Science attended as resource person and delivered presentation on 'Maintenance of nutri gardens and value addition of millets' (17.12.23) to input dealers under DAESI programme organized by ATMA.



Mandated Activities

Particulars	No. of Progs.	No. of Beneficiaries
Trainings - PF	26	818
Trainings - EF	08	337
Trainings -RF	04	48
OFTs	07	90
FLDs	04	146
Field days	02	53



Other Extension Activities

Radio Talks:

- ▶ Management practices in Rabi crops - Senior Scientist and Head
- ▶ Value addition to millets - SMS (Home Science)

Field visits : 13 visits, 123 farmers - suggested suitable management practices and plant protections measures to farmers in different crops

Farmers visit to KVK : 31 visits, 527 farmers for seed, seedlings and to know about new technologies in different crops

Method Demonstrations : 8 demos, 535 farmers

Exhibitions : 2 stalls, 481 farmers

Special Days : 4 days, 440 farmers



Supply of seed & seedlings

Green gram	: 7.5 Q
Black gram	: 7.5 Q
Sesame	: 1.0 Q
	in No's
Chilli	: 74700
Acid lime	: 760
Cabbage	: 1800
Califlower	: 1800
Brinjal	: 1000
Tomato	: 37450
Mulberry	: 10600
Medicinal Plants	: 1221
Azolla	: 36 kg



KVK has analyzed 1909 soil samples and supplied soil health cards to farmers



Number of phone calls received by KVK scientists: 519