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July - Sept 2024
No:15

KRISHI e-Newsletter

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Supply of Groundnut Seed to Farmers under CFLDs

RASS KVK has organized a training programme on 'Management practices in groundnut for enhanced yields' at RKVB Peta, Karvetinagar mandal (01.07.2024) for which Dr.VM.Thomas, Hon'ble MLA, GD Nellore was the chief guest. KVK scientists explained about good agricultural practices in groundnut, post-harvest management in mango, scope for palm oil cultivation etc. KVK has supplied TCGS-1694 groundnut seed to 100 farmers through the hands of Hon'ble MLA for conducting Cluster Front Line Demonstrations in Kharif season. During his address hon'ble MLA praised the activities of KVK and suggested to disseminate latest technologies so that farmers can reap good yields as well as income. District Horticultural Officer, Mandal Agricultural Officer, MRO, Horticulture Officer, VAA and farmers were participated



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Awareness cum demonstration on use of Kisan drones

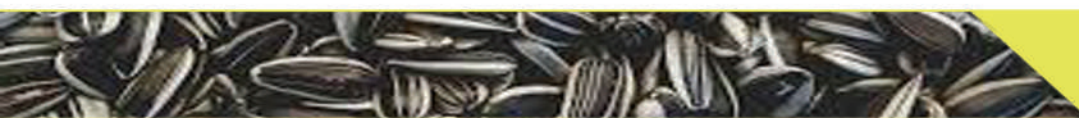
RASS – Krishi Vigyan Kendra, Tirupati has organized “Awareness cum Demonstration on use of Kisan drones” in the presence of Dr. S. Venkateswar, IAS, Collector and District Magistrate, Tirupati on 11.07.2024 at Kadiri Mangalam village of Vadamalapeta mandal



Dr. S. Sreenivasulu, Senior Scientist and Head has explained about KVK activities in operational mandals of the district. He also shared about the farm machinery related activities like use of drum seeder for paddy sowing, machine transplanting, use farm equipment in groundnut, Community



Custom Hiring Centers of KVK, usage of drones for agriculture spraying under Agriculture Drone Project etc. Later District collector interacted with farmers about the services of KVK and appreciated the support of KVK to farming community in dissemination of latest technologies. KVK has conducted demonstration on spraying of weedicide in 5 acres of paddy. Sri S. Prasad Rao, District Agricultural Officer, Sri Dasaratha Rami Reddy, District Horticultural Officer, Dr. S. Sreenivasulu, Senior Scientist and Head, RASS-KVK, Sri T. Ramu Kumar, Scientist, RASS-KVK, PD, APMIP, MRO, MDO, AE, ADA, MAO, VAAs and 65 farmers participated in the programme.





Golden Jubilee celebrations of KVKs



Organized 'Golden Jubilee year of KVKs and Torch Relay program' on 15.08.2024 & 16.08.2024 at KVK premises to create awareness on achievements of KVK system in the country and achievements of our KVK since inception from 1992. During the event chief guests along with farmers and agri students performed "Golden torch rally" throughout the KVK



instructional farm and explained about all the demonstration units. Later the participants enlightened about the activities of KVK, cost reduction technologies for doubling farmers income, latest high yielding varieties in major crops, natural farming practices, Soil Test Based Fertilizer application, Integrated Farming Systems, Seed Production, Value addition and role of FPOs in strengthening the farming community etc. Dr.S.Venkataratnam, General Secretary, RASS and Chairman, KVK, Dr.V. Sumathi, Associate Director of Research, RARS, Tirupati, Sri Rajasekhar Naidu, Executive Committee Member, RASS were attended as chief guests. KVK staff and about 200 farmers and agricultural students participated in the two days programme. Also celebrated 76th Independence Day along with farmers and agri students and flag hoisted by Sr.Scientist & Head.

STRY programme for Rural Youth on Poultry Rearing and Management

KVK has organised week long Skill Training Programme for Rural youth on Poultry Rearing and Management with the support of ATMA, Chittoor from 19.08.2024 to 25.08.2024. During the programme rural youth were enlightened about methods of poultry rearing, different poultry breeds, method of

incubation, brooding methods, various diseases in poultry birds and control, ration formulation for feed preparation, vaccination and deworming schedule, importance of azolla as supplementary feed, shed construction methods, availability of govt schemes and subsidies for poultry etc by SMS, Veterinary.





Exposure visit was arranged for the trainees to SVVU to get expose to poultry rearing unit and different poultry breeds etc. Method demonstrations were conducted on vaccination, ration formulation, azolla production etc through practical training. Dr.Ravi Kumar, District animal Husbandry Officer attended as chief guest for valedictory programme and explained the scope and opportunities in poultry for rural youth to turn as entrepreneurs and also briefed about schemes available in the department. The trainees were supplied with booklets/study material on poultry rearing.



Awareness cum demonstration on application Kisan drones

KVK has conducted awareness cum demonstration on Kisan drones at Rajula Kandriga village of Karvetinagarm mandal on 20.08.2024 for which Sri Sumith Kumar, IAS, Collector, Chittoor district has attended and KVK scientists explained about KVK activities and Usage of drones in agriculture. Demonstrations on spraying of pesticides using drones were conducted in groundnut in 100 acres under CFLDs.





“Sri Surya Pratap Shahi, Hon’ble Agriculture Minister, Uttar Pradesh” visit to KVK on 30.08.2024

On 30.08.2024, Sri Surya Pratap Shahi, Hon’ble Agriculture Minister, Uttar Pradesh visited KVK and reviewed the activities of KVK. During his visit Hon’ble minister visited all the demonstration units at instructional farm of KVK viz Natural farming block, groundnut and pulses seed production plots, vermicompost production unit, high density mango block, azolla unit, shade net nurseries of medicinal plants and agro forestry, mulberry



nursery, mulberry tree plantation block, soil testing lab and expressed satisfaction and appreciated the team of KVK.

Hon’ble Minister also visited ‘Technology Information Unit’ of KVK during which all the scientists explained about successful interventions which helped the farmers in the district in terms of yield and net returns like direct seeding in rice



using drum seeder, machine transplanting in paddy, seed village concept in groundnut, polythene mulching in tomato, improved Prajwal variety in tuberos, sericulture interventions, home science related technologies, interventions taken up under NICRA project, awards to KVK and adopted farmers etc.

Later Hon’ble minister interacted with all the staff of KVK and suggested to promote natural farming practices among the farming community to produce chemical free food, millet crops, soil test based fertilizer application, production and supply of more seed and seedlings to reach more number of farmers in the district. Also suggested to improve revolving fund through income generation activities at KVK farm.





“Polam Pilusthondi” Programmes in association with Dept. of Agriculture

RASS-Krishi Vigyan Kendra scientists participated in “Polam Pilusthondi” programmes at Thottambedu (Poyya and Singanamana villages), Renigunta (Gajulamandya village), KVB Puram (Mahadevapuram village) and Sri Kalahathi (Melachur village) mandals on 24th and 25th September 2024 organized by Department of Agriculture and explained about soil testing, green manure crops and importance of green manuring for soil health management, importance of seed treatment, direct seeding methods of rice, suitable rice varieties for the region, natural farming practices, soil and water conservation measures, management practices to be taken in standing horticultural crops, integrated farming systems for sustainable agriculture and importance of nutri gardens, management practices in mulberry cultivation and silkworm rearing and subsidy schemes from department of sericulture etc.

During the programme also made diagnostic visit to farmers fields and suggested suitable measures for identified problems. KVK scientists Dr. S. Sreenivasulu, A. Padmaja, P.S. Sudhakar participated in the programme along with DAO, Tirupati, ADAs of respective divisions, MAOs of respective mandals, VAAs, other line dept. officials and 177 farmers attended the programmes.





Nutrition Month Celebrations

Organized in different villages of Ramchandra Puram, Karvetinagaram, KVB Puram, Renigunta and Penumuru mandals to create awareness on nutrition and health through low-cost nutritious recipes preparations, value addition to millets, cooking practices to prevent nutrition loss in foods, maintenance of nutri gardens throughout year by adopting organic cultivation practices, imparted knowledge on balanced diet maintenance. Demonstrations were also organized on value added products using millets, fruits and vegetables. Exhibitions organised on various foods at Anganwadi centres to create awareness on nutrition knowledge and skills involved in preparations of nutri rich foods.



Dr.A.R.Reddy visit to KVK and adopted villages

Dr.A.R.Reddy, Principal Scientist, ICAR-ATARI, Hyderabad visited all the demonstration units at KVK instructional farm and reviewed discipline wise mandated activities of KVK (24.07.2024). He also suggested all the scientists should take up the activities intime and in proper manner to generate valuable data from the OFTs and FLDs.

Earlier he visited Integrated Farming System (IFS) model adopted by KVK adopted farmer Sri K.Purushotham Naidu at Mitturu village, Ramachandrapuram Mandal. During the visit he observed different components of IFS viz dairy unit, Drum seeder sown paddy, Groundnut seed production plots, Coconut plantation, Super Napier fodder plot and Gobar gas unit maintained by the farmer and appreciated his efforts. He also visited tuberoses demonstrations conducted by KVK under Impactful interventions at K.Gollapalli village of Renigunta mandal. During the visit he interacted with tuberoses farmers about the KVK technologies and their impact in their fields. He suggested farmers to provide good feedback to the scientists about the performance of the demonstrated technologies.





Monthly Millet Mela

KVK has conducted monthly 'Millet Mela' at RASS-Head office, Tirupati during 06 & 07 July, 03 & 04 August, 04-06 September 2024. About 25 entrepreneurs, FPOs and farmers of KVK displayed their millets, millet value added products, organic vegetables, desi seeds, medicinal plants, vermicompost, organic soaps, agarbathis etc for sales. KVK also displayed medicinal plants, vermicompost etc for sale. More than 1000 people visited mela and purchased different products. Sri V.V.Lakshminarayana, Former Joint Director, CBI also visited all the stalls and interacted with entrepreneurs and farmers. Nearly 3200 people visited mela and purchased different products.



The Campaign - Swachhta Hi Seva 2024

KVK has conducted Swachhta Hi Seva 2024 through awareness programmes, Rallies and other extension activities on cleanliness and hygiene to farmers, students etc. at KVK and adopted villages with a theme 'Swabhav Swachhata- Sanskaar Swachhata' from 17.09.2024 to 30.09.2024. KVK has also conducted swachhata campaign and plantation drive under EK Ped Maa Ke Naam at Pullareddi kandriga village of Srikalahasthi Mandal on 29.08.2024 & 17.09.2024 at KVK farm.





Resource Persons

- ▶ SMS, Extension and Sericulture were attended as resource persons for training program for tribal farmers organized by SHEDS an NGO on 07.07.2024 at Rayalachenu village, Gudipala mandal and delivered presentations on Cost reduction techniques in agriculture, natural farming practices, scope and importance of FPOs and Kisan drones, cultivation and value addition with medicinal and aromatic plants, Mulberry and silkworm rearing.
- ▶ SMS, Horticulture attended as resource person for training programme on Good Agricultural Practices in Mango organized by NIFTEM for Talakona FPO members at Chittecherla village, Chinnagottigallu mandal on 27.07.2024. Explained about post-harvest management practices to be taken up in mango orchards and demonstrated pruning practice in Mango.
- ▶ Senior Scientist and Head has Attended as resource person for Training program on 'Soil test based nutrient application in crops' and 'Climate Resilient Agriculture' conducted by ATMA at Challavaripalli and KKV puram villages, R.C Puram mandal, respectively on 5th August 2024. He explained about importance of soil testing, fertiliser requirement for different crops, use of soil health cards, Rodent management in paddy, about NICRA, climate resilient agricultural practices under Natural Resource Management, Crop Production Interventions, Livestock Interventions and Institutional interventions etc.
- ▶ Senior Scientist and Head has attended as resource person for district level training to ADAs and AOs of Tirupati district on 'Good Agricultural Practices in Paddy' at collectorate, Tirupati on 09.08.2024.





Skill training programmes

SMS, Agronomy, Horticulture, Sericulture, Home Science, Agrl Extension and Veterinary were conducted Five days Skill Training programme on Direct sowing of paddy with drum seeder, nursery production and management, Mulberry cultivation & silkworm rearing, Value addition to millets, Repair and maintenance of plant Protection equipment for farmers & farm 26th to 30th August, 9th to 13th, 4th to 8th, 4th to 10th, 2nd to 6th September, respectively in the adopted villages for farmers, farm women and rural youth under 100 days action plan.





Exposure visit to KVK

KVK has hosted exposure visit of 55 farmers from Chittoor, Kadapa, Kurnool, Tirupati and Annamayya districts of RYSS and APCNF on 10.09.2024, And 20 farmers each from Kanchipuram and Ariyalur districts of Tamil Nadu under ATMA on 18.09.2024 and 26.09.2024. KVK staff Explained about KVK activities and demonstration units at KVK farm, imparted knowledge and skills on preparation of 'Beejamrutham, Ghana and Drava Jeevamrutham and seed balls' through method. Also conducted method demonstration on Drone spraying in groundnut, organic farming, Swacha Bharat Abhiyan .



Parthenium awareness week during 17.08.2024 to 22.08.2024 at KVK and Adopted villages.





MANDATED ACTIVITIES

Particulars	No. of Progs.	No. of Beneficiaries
Trainings - PF	28	921
Trainings -RF	06	174
Trainings-EF	02	86
OFTs	07	38
FLDs	07	56

OTHER EXTENSION ACTIVITIES

Radio Talks

- ▶ Horsegram cultivation - Senior Scientist & Head
- ▶ Role of RASS-KVK in Chittoor district - Senior Scientist & Head
- ▶ Importance of NPSS mobile app in pest and disease management -Senior Scientist & Head
- ▶ Importance of millets in daily diet - SMS, Home Science

Farmers visit to KVK : 37 visits, 702 farmers for seed, seedlings and to know about new technologies in different crops.

Scientist visit to Farmers Field : 14 visits, 141 farmers - suggested suitable crop management practices and plant protection measures to farmers in different crops.

Method Demonstrations : 13 demonstrations, 349 farmers.

Tree Plantation Drive : 2 programmes, 123 farmers.

Farmers & Scientist interaction : 4 programmes, 106 Farmers





Supply of seed & seedlings

Tuberose	:	3.15 Q
Marigold	:	19415 No.
Chrysanthemum	:	8230 No.
Tomato	:	10675 No.
Chilli	:	22350 No.
Drum stick	:	1120 No.
Onion	:	25300 No.
Mango	:	10 No.
Medicinal Plants	:	1580 No.
Ashwagandha	:	10000 No.



KVK has analyzed 100 soil samples and supplied soil health cards to farmers



Number of phone calls received by KVK scientists: 413

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