



# RASS-Krishi Vigyan Kendra

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## KRISHI e-Newsletter

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### Significant Activities:

RASS-KVK has organized training programmes in coordination with District Resource Center, Chittoor for Village Agricultural Assistants (VAAs) of Tirupati and Srikalahasthi Agricultural Sub divisional RBKs (Raithu Bharosa Kendra's) on "Integrated pest management and Integrated Weed Management practices in major crops in District" on 6th and 7th of January, 2021. Presentations were given on integrated pest management practices, major pest and diseases on major crops and their control measures, importance of weed management in major crops in the district, characteristics of various herbicides, integrated weed management practices, calculation of herbicide dosage, precautions to be taken while spraying of herbicides and herbicides to be used in different crops grown in the respective divisions. Literature on "Importance of soil health management", "Management practices in Mango, Paddy and Tomato" were supplied to the participants. About 120 number off VAAs were participated in the programme.

RASS KVK has organized 'International Womens Day' at Gaddamvaripalli village of Yerravaripalem Mandal on 08.03.2021 with the theme 'Women in leadership: Achieving an equal future in a COVID-19 world. Women farmers were enlightened on women empowerment and gender sensitization, importance of Nutri gardens and its raising, drudgery reduction technologies for farm women in agricultural operations and value addition of fruits and millets, importance of different medicinal plants and their uses in daily life especially for women. KVK women farmers were honored with 'Certificate of Appreciation' for their successful farming practices in agriculture and allied sectors. Village Sarpanch, ICDS Officer and 76 women farmers were participated in the programme.





RASS KVK has organized 'World water day-2021' and 'Awareness programme on National Agro Forestry Scheme' on 22.03.2021 at NICRA viilage, Chittecherla, Chinnagottigallu Mandal. Farmers were explained about farm pond technology and its uses, in situ moisture conservation techniques to improve ground water through percolation of rain water, rain water harvesting techniques and organic farming, polythene mulching, micro irrigation, recharging bore wells, soil health management etc. Resource persons also explained them about present scenario of agro forestry and importance of forests and reforestation, cultivation of different agro forestry plants, carbon sequestration and techniques for improving organic matter in soils. Dr.B.Ravindranath Reddy, Associate Dean and Dr. Hemalatha, Professor, Agronomy, SV Agricultural College, Tirupati, Sri Sanjeeva Reddy, Mandal Agricultural Officer, Chinnagottigallu, Village Sarpanches of Chittecherla and Deendaarlapalli Panchayaths, 9 Village Agricultural Assistants and 109 farmers were participated in the programme. Later farmers were facilitated with CoFS-31 fodder seed for conducting demonstrations.

RASS - KVK has conducted One Day Training Programme for Farmers on "Water and Energy Conservation & Energy Efficiency in Agriculture Sector" at KVK campus on 26th February 2021. Presentations were given by the resource persons and explained about latest farm machinery equipment and their utilization for energy and water conservation by using micro irrigation techniques, benefits of conservation furrows and trench cum bunds formation for efficient utilization of ground water for agriculture and allied activities, importance of natural energy resources, conventional energy and management, importance of solar energy in future and agriculture sector, different schemes for availing solar energy for farming community as well as general usage. Also he briefed about selection and installation of agriculture pump sets, selection of submersible pumps. Subsidy guidelines under APMIP for Supply of drip and sprinkler, fertigation, repair and maintenance of micro irrigation equipment were also briefed to farmers.

RASS - KVK has conducted Scientific Advisory Committee meeting on 20.02.2021 under the chairmanship of Dr. L. Prasanthi, ADR, RARS, Tirupati and Dr. B. Mukunda Rao, PS, Ag. Extension, O/o Director of Extension, ANGRAU, Lam, Guntur. KVK has presented progress report for the year 2020-21 and proposed action plan for the year 2021-22 in the meeting. KVK scientists, Scientists from RARS, Tirupati, Officials from line departments and committee member farmers were participated in the programme.

KVK has conducted live webcasting of 'National Horticultural Fair' at Udayamanikyam, Yerravaripalem Mandal on 12.02.2021 in which KVK Scientists and nearly 100 farmers were participated and enlightened with the knowledge about latest technologies and latest varieties released from IIHR, Bangalore.

Sr.Scientist & Head participated in 'Capacity building cum training programme for stakeholders of FPOs promoted under PODF & PRODUCE fund' at Chittoor and explained about KVK interventions to strengthen FPOs.





Sr.Scientist & Head attended 'audio conference' conducted by Reliance Foundation, given suggestions to farmers of Yerpedu mandal for pest and diseases in paddy, groundnut and sesame.

KVK has conducted 'Participatory Rural Appraisal' at Chavanapalli and Vedurukuppam Villages, Vedurukuppam Mandal under village adoption Programme on 15.02.2021.

Sr.Scientist & Head participated T&V meeting conducted by DRC, Chittoor and RARS, Tirupati (05.03.2021).

All KVK scientific staff attended Pre ZREAC meeting at RARS and presented discipline wise work done for the year 2020-21 and action plan for the year 2021-22 (20.03.2021).

KVK has supplied Power sprayers and battery sprayers to SC farmers under SC Sub plan at Chintagunta and Thoorpu palli Harijanawada of Yerravaripalem mandal on 22.03.2021.

Sr.Scientist & Head and SMS, Agronomy participated in 'Review meeting on CFLD oilseeds and Pulses' and presented progress report and action plan for the year 2021-22 over online organized by ATARI, Hyderabad (23.03.2021).

### Training programmes

- ▶ KVK has conducted twenty three programmes for Farmers and Farm Women, one programme for Rural Youth and three programmes for Extension Personnel
- ▶ Sr.Scientist & Head attended as resource person on 'Training on paddy and Groundnut' at Sri Kalahasthi organized by Coromandel International Ltd. about 50 farmers from Sri Kalahasthi, Thottambaedu, KVB Puram mandals of Chittoor dt and Pellakur mandal of Nellore dt were participated in the programme.
- ▶ SMS, Horticulture attended as resource person for training programme on 'Integrated Crop Management in Mango' organized by ATMA under DAESI at Tirupati on 08.01.2021 and at Kammapalli village, Yerravaripalem mandal on 20.01.2021 organized by Department of Horticulture under APILIP with support of JAICA.
- ▶ SMS, Agril. Extension attended as resource person to deliver lecture on 'Dimensions and Current approaches in Agril. Extension for information dissemination' to input dealers under DAESI programme on 24.01.2021
- ▶ SMS, Horticulture attended as resource person for training programme on 'Integrated Crop Management in Mango' and 'Crop regulation in Chrysanthemum' organized by DRC, Chittoor under ATMA at P.Kothakota and Chipparapalli villages, Penumur mandal on 24th and 25th February, respectively.
- ▶ SMS (Hort) attended as resource person and delivered lecture on 'Crop management practices in Mango' for practicing farmers at Ramapuram Village, Palamaner mandal on 12.03.2021 organized by DRC, Chittoor under ATMA.





### Field diagnostic visits:

In coordination with District Resource Centre, Chittoor KVK has conducted field diagnostic visits on 23 February and 06, 12 and 23 March 2021 to Chinnagottigallu, Nindra, Pichatur, Satyavedu, Vadamalapet, Puttur, Narayanavanam and Thottambedu mandals, observed leaf miner in tomato, tikka leaf spot and Spodoptera in groundnut, stem borer in paddy, Spodoptera in sunflower, sooty mould in Guava and Mango, root and fruit rot in chilli and suggested suitable control measure to respective farmers.



### Field days:

SMS (Agronomy) organized field day in Redgram, Blackgram & Greengram crops under CFLD's Pulses, NFSM 2020-21. Totally 52 farmers from bandakadakammappalli village, Yerravaripalem, mangalagiri kandriga & atturu villages of Nindra mandal were participated in the programme.

SMS (Agronomy) organized field day in groundnut under CFLD's Oilseeds, NFSM 2020-21. Totally 73 farmers from Agram, Agarampeta and Athuru villages of Nindra mandal were participated in the programme.



### Farmers visit to KVK and adopted villages:

About 22 women entrepreneurs from Anapattanam district visited PKVY village, Vemur, Tirupati rural mandal as part of their exposure visit. They have showed organic farming practices, vermicompost production technology and five layer model of cultivation in the village, later they visited millets processing units established by KVK entrepreneur at Tirupati.



### Awards

SMS, Sericulture in 'International Extension Education Conference on Role of NGOs in Extension Services: Opportunities & Challenges' organized by Department of Extension Education, Institute of Agricultural Sciences, Banaras Hindu University, Varanasi and received 'KVK Scientist Award' for her services in the field of Sericulture.

KVK presented 'Mahindra Samridhi Award 2020' to our adopted farmers Sri B. Nageswara Raju, Swamiraju Kandriga, Karvetinagaram mandal for Integrated Farming System and Sri P. Karunakar, Palamangalam, Narayanavanam mandal for Adoption of latest Farm Mechanization on 5th February 2021 in the presence of Mahindra and Mahindra representatives. Award includes mementoe, certificate and cash prize of Rs.51000/-.





Our KVK adopted farmer Sri B. Gajendra Naidu, Thorur village, Puttur mandal, participated in quiz competition conducted by RARS and received second prize during Kisan Mela held at RARS, Tirupati



### Seed and seedling material:

KVK has produced and supplied 12.6 Quintals of Seed material ( Sesame and Tuberos), 62490 no. of planting material (Onion, Brinjal, Marigold, Tomato, Chilli and Medicinal plants to farmers to conducting demonstration as well as seed production)

## OTHER EXTENSION ACTIVITIES

### Radio talks:

- ▶ SMS, Horticulture attended Radio Interview on 'Management practices in Tomato during Summer season' at AIR, Tirupati on 25.01.2021.
- ▶ SMS, Home Science delivered radio talk on 'Importance of food and nutrition through different cooking methods and 'value addition to groundnut' in February and March.
- ▶ SMS, Agricultural Extension delivered a radio talk on 'Different mobile applications in agriculture and allied sector and their utilization' on 10.03.2021 at AIR, Tirupati.
- ▶ Sr.Scientist & Head delivered radio talks on 'Management practices in paddy cultivation', 'Different cultivation methods in rice' and 'Pest and disease management in paddy' at AIR, Tirupati (10.03.2021)

**Field visits** : 19 visits, 300 farmers (Advised farmers on crop production and protection aspects)

**Farmers visit to KVK** : 341 farmers visited KVK for seed, seedlings and to know about new technologies in differet crops

**Method Demonstrations** : 199 farmers, 6 method demonstrations on mulching, use of spayers

**Field days** : 4 field days, 104 farmers related to OFTs and FLDs

Details	No. of Programmes	Locations
OFTs	4	96
FLDs	4	75
CFLDs	1	30 ha area



Number of phone calls received by KVK scientists: 310



Compiled, Edited & Published by Dr. S.Sreenivasulu, Senior Scientist & Head and T. Ramu Kumar, SMS, Agril. Extension