



# RASS-Krishi Vigyan Kendra

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## KRISHI e-Newsletter

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### Significant Activities:

KVK has conducted Six "Agriculture workshops on Fuel conservation in Agriculture" in January and February months with the support of Petroleum Conservation Research Association (PCRA), Ministry of Petroleum and Natural gas, Govt. of India. Created awareness about measures to be taken for fuel conservation while using farm machinery like irrigation pumps, tractors, weeders and other farm machinery equipment.



### National Girl Child Day Celebrations-2022

RASS – KVK has organized National Girl child Day at Kasturba Gandhi Balika Vidyalaya premises at Yerravaripalem village on 24th January, 2022. Dr.A. B.Srilatha, Scientist, Home Science briefed about the history and significance of the National Girl Child Day. Also explained about the importance of nutrigardens and activities of the KVK towards the adolescent girls and farm women for income generation through self employment and drudgery reduction through improved farm machinery.



### One day training programme on cultivation and marketing of Medicinal plants

RASS –KVK has organized one day training programme on 'Cultivation and marketing strategies of medicinal plants' with the support of National Medicinal Plant Board – Regional cum Facilitation Center, Southern Region and Kerala Forest Research Institute, Peechi, Thrissur, Kerala on 16.02.2022 for which Dr.K.C Chaco, Regional Project Director, National Medicinal Plant Board, Kerala was the chief guest.

Dr. K.C.Chaco said that farmers who would like to cultivate medicinal plants should choose the crop according to the needs of the traders and end users. Also he insisted the farmers to form a Farmer Producers Organization and harvest a large quantity of the same crop produce so that farmers can get a better price. He also said traders would be more likely to go ahead and buy at a higher price when there is a good quality crop product without chemical residues.

Sri S.Venkataratnam, General Secretary, RASS said that at present the cultivation of medicinal plants is getting utmost importance and farmers can get remunerative income by selecting the crop based on the needs of the market and consumers.

Dr. S.Sreenivasulu said that main objective of the workshop is to clarify the doubts of the farmers who are cultivating medicinal plants in the district and the doubts of the traders who are buying medicinal plants and their products.



Sri.C.Sunil, DDM, NABARD, Chittoor said that NABARD will always provide assistance to those who want to grow as a commercial entrepreneur, he also explained about subsidy schemes towards medicinal plants cultivation. He also said that NABARD will provide financial support to establish processing units for medicinal plants. Later the farmers Sri Visweswara Rao, Narasimhulu Naik and Sri Venkat explained about Cultivation of Sarpagandha, cultivation of Nannari and about Aswagandha cultivation, respectively. After the technical session interaction between farmers and traders organized to clarify doubts regarding cultivation and marketing aspects on medicinal plants. At last all the participants were visited medicinal plant nursery and other demo units at KVK farm. KVK Scientists and 80 farmers and traders were attended the programme.



### International women's day -2022

RASS – Krishi Vigyan Kendra has organized "International Women's Day celebrations-2022" at Karakambadi Village, Renigunta Mandal in association with RASS Mahila Jyothi Mutual Benefit Trust on 08.03.2022 for which Sri S. Venkataratnam, General Secretary, RASS has attended as Chief Guest. Farm women were enlightened with the knowledge about Importance of women in agriculture, education of women, income generating activities like tailoring and embroidery, mushroom production, vermicompost preparation, compost making with kitchen waste, raising of nutri gardens at backyard and cultivation and importance of medicinal plants etc.,



KVK has participated in Kisan mela at RARS, Tirupati and in the agricultural Exhibition displayed seed material, medicinal plants, Mobile soil testing kit, azolla, vermicompost, literature etc. Sri Ambati Krishna Reddy, Advisor to Govt of A.P. on Agriculture, Sri Sreenivasulu, Zilla Parishad Chairman, Chittoor, Dr.L.prasanthi, Director of Research, Dr.P.Rambabu, Director of Extension, Dr.P.Rajasekhar, ADR, RARS, Smt S.Dorasani, JDA, DDA, scientists, farmers and students were participated. Publications on 'Sunflower cultivation' and 'Aerobic rice cultivation' published by KVK were released by the dignitaries in the mela.





KVK has conducted Scientific Advisory Committee meeting on 21.02.2022 at KVK premises under the chairmanship of ADR, RARS, Tirupati. Committee members reviewed Annual Progress of 2021-22 and Proposed Action Plan for the year 2022-23. Dr.P. Rajasekhar, ADR, RARS, Tirupati, Dr.T.Gopi Krishna, PS, Agri Extension, Directorate of Extension, ANGRAU, Dr. R. Nagaraju, PS & Head, CRS, Tirupati, Scientists from RARS, ARS, line department officials, KVK Scientists and SAC member farmers were attended the program.



## Field Days

### Field Day in Balckgram (TBG – 104)

RASS –KVK has organized field day in TBG-104 Blackgram variety under Cluster Front Line Demonstrations–Pulses at Chodavaram Village of Thottambedu Mandal on 19.01.2022. Scientists of KVK and officials from Dept. of Agriculture attended the programme, suggested farmers to adopt the TBG 104 variety of Blackgram as it is having resistant to YMV which is major problem in pulses. They also said that the variety will reap average yield of 5-6 Quintals per acre with crop duration of 75 days. Farmers also felt very happy about the performance of the variety and gave positive feedback.



### Field day in Paddy MTU-1224 and MTU -1271

RASS –KVK has organized field day in MTU-1224 paddy at Sirinumbuduru village, Sathyavedu Mandal and in MTU-1271 at Mattherimitta Village, Varadaiahpalem Mandal under ICM in Paddy under SC Sub Plan with the support of ICAR –IIRR, Hyderabad on 28.01.2022. Sri T.Ramu Kumar, Scientist, Agri Extension explained about the characteristics of the paddy varieties i.e. MTU-1224 and MTU 1271 as they are having 125 days crop duration with a potential yield of 3375-4500kg per acre. He also said that these varieties are resistant to lodging and having more number of tillers with good grain filling quality. Farmers also felt very happy and gave good feedback about the performance above said varieties.





### Field Day in WGG-42 Greengram

RASS –KVK has organized field day in WGG-42 Greengram variety under Cluster Front Line Demonstrations–Pulses at Mangalgiri Kandriga Village of Nindra Mandal on 23.02.2022. Scientists of KVK and officials of Dept. of Agriculture attended the programme and suggested farmers to adopt the WGG 42 variety of greengram as it is Short duration and having resistant to YMV. They also said that the variety will reap average yield of 6-7 Quintals per acre with crop duration of 60 days. Farmers also felt very happy about the performance of the variety and gave positive feedback about the variety.



### Field day in LRG-52 Redgram

RASS–KVK has organized field day in LRG -52 Redgram under Cluster Front Line Demonstrations–Pulses at Chavanapalli and Perumallapalli Villages of Vedurukuppam Mandal on 25.02.2022. Scientists of KVK and officials from Agri department attended the programme and said that LRG-52 Redgram variety is having good potential yield and having resistant to wilt and sterility mosaic. Farmers also felt very happy about the performance of the variety and gave positive feedback.



### Interstate Exposure visit of Farmers from Gujarat

RASS –Krishi Vigyan Kendra has hosted Interstate exposure visit of 22 farmers from Valsad District of Gujarat organized by ATMA, Gujarat during 7th – 11th, February, 2022. During their visit farmers were exposed to KVK and progressive farmers fields at adopted villages, Vemuru village, Tirupati Rural, Chittecherla and Deendaarlapalli (NICRA cluster) villages, Chinnagottighallu Mandal where they get knowledge about organic farming, vermicomposting, preparation and application of Ghana and Drava Jeevamrutham, Integrated farming system, High yielding groundnut, tomato, blackgram and greengram varieties, soil and water conservation practices, recharging of defunct bore wells, growing of vegetable seedlings in shade net nursery, azolla cultivation, latest farm machinery and implements, nutri gardens and cultivation of medicinal plants for healthy life.





## Diagnostic field visits

KVK has arranged diagnostic field visits to different mandals by involving Dept of Agriculture and District Resource Center (DRC), Chittoor and made suitable suggestions to farmers in paddy (auricle blast, stem borer, gall midge, leaf folder and pollination problem), groundnut (Spodoptera and leaf spot), sesame (heavy infestation of weeds), chillies (wilt and thrips).

- Pattiputtur village, Vadamalapet mandal - 18.01.2022
- Nesanur village, Puttur mandal - 18.01.2022
- Gajulamandyam village, Renigunta mandal - 11.02.2022
- Venkatapuram and Gajulamanyam villages, Yerpedu mandal - 14.02.2022
- Paidipalli village, Puttur mandal - 10.03.2022



### Mandated Activities

Particulars	No. of Progs.	No. of Beneficiaries
Trainings - PF	31	1018
Trainings - EF	04	140
Trainings - RY	01	02
OFTs	05	51
FLDs	08	175





## Attended as resource persons

- SMS, Sericulture participated as a resource person for extension professionals and given a lecture on 'Sericulture – Boon for urban unemployed' through on line organized by the EEI, Hyderabad on 11.02.2022.
- Senior Scientist and Head attended 'District level workshop on preparation of DRC action plan 2022-23' at JDA office, Chittoor on 26.02.2022. Suggested new and improved varieties in paddy, groundnut, sunflower, millets and pulses and capacity building programs for upcoming year. JDA, DDAs, ADAs and AOs were participated in the workshop.
- SMS, Agrl Extension has attended five days virtual national workshop during 17th - 22nd February, 2022 on "Advanced Research Methodologies in Agricultural Extension" organized by, Dept. of Extension Education, Agricultural college, Bapatla, ANGRAU and presented paper on 'Impact soil health cards in Chittoor district'.

## Other Extension activities

### Field visits

: 25 visits, 240 farmers – suggested suitable crop production and protection aspects to farmers

### Farmers visit to KVK

: 8 visits, 401 farmers for seed, Seedlings and to know about new technologies in different crops

### Method Demonstrations

: 246 farmers, 6 demonstrations

### Supply of seedlings by KVK

Tomato	: 6000
Marigold	: 10850
Chilli	: 27000
Brinjal	: 5700
Drumstick	: 1375
Tuberose	: 19600
Acid lime	: 20
Saraca asoca	: 3300
Medicinal plants	: 3479
Mulberry	: 3100



Number of phone calls received by KVK scientists: 101

KVK has analyzed 311 soil samples and supplied soil health cards to farmers

