

Krishi Vigyan Kendra -R.R.District
CRIDA, HRF, Hayathnagar

Technology week was organised at KVK-Ranga Reddy, ICAR-CRIDA, Hyderabad during 14-16th October, 2017. On first day 14.10.2017 Dr.V.Maruthi, Head-KVK & Principal Scientist chaired the event and the Chief Guest of the day was Er.M.Mallikarjuna Swamy, State Technical Expert, State Level Nodal Agency, PMKSY and WDC, Telangana State, Guest of Honour was Dr.K.Dattarti, Principal Scientist, ICAR-ATARI, Hyderabad. The Resource persons were Dr K. Srinivasa Reddy, Principal Scientist (Soil and Water Conservation Engineering) ICAR-CRIDA and Dr B. Sanjeeva Reddy, Principal Scientist (Farm Machinery and Power) ICAR-CRIDA.

Dr V.Maruthi, Head-KVK in her welcome address mentioned the significant achievements in farm machinery use and soil & water conservation technologies followed in KVK adopted villages and availability of different agricultural implements in CRIDA. She also spoke about the importance of Integrated Farming Systems.

Dr. K.Srinivasa Reddy, Principal Scientist spoke about the impact of the watershed activities, farm pond technologies, water saving and reuse system in farmer fields and government schemes on farm pond.

Dr B. Sanjeeva Reddy, Principal Scientist spoke about the agricultural implements useful to farmers, availability of implements, their repair and maintenance aspects.

Dr.K.Dattarti, Principal Scientist, ATARI spoke about the KVK activities benefitting farmers through Front line demonstrations, Farming systems approach, trainings to farmers.

Er.M.Mallikarjuna Swamy, State Technical Expert and Chief guest spoke about Skill development training programme under PMKSY and how to improve the watershed activities on community basis by utilising different government schemes run by State and Central governments. He also briefed about benefits of watershed activities and MGNREGS activities at village level.

Dr.S.M.Vidya Sekhar, CTO, KVK interacted with farmers on Integrated Pest Management, suggested pest management strategies cotton, rice.

Er.S.Vijaya Kumar, SMS (Agricultural Engineering), KVK demonstrated the farm implements to farmers and explained the usage.

Exhibitions were organized on farm machinery, livestock medicines, feed mixtures, bio-products, micro irrigation, fodder cafeteria, books and literature on agriculture.



Brief note on Technology week-Horticulture

Technology week organized by KVK-CRIDA, Rangareddy district at KVK farm during 14th -16th October, 2017. The theme titled “**Cost reduction technologies in Horticulture crops for sustainable income for the farmers**” was covered with live demonstrations, Exhibits, Technical sessions and farmer interactions with experts on 16th October, 2017. Dr.V.Maruthi, Head, KVK chaired the group discussions and lectures by resource persons and in her welcome address explained about the horticulture technologies propagated by KVK to farmers Smt. P.Suvarna, ADH, Dept. of Horticulture addressed the group of farmers regarding the present status of horticulture and available schemes from the department. Sri G.Sri Krishna,SMS (Horticulture) KVK highlighted the cost reduction technologies in horticulture crops.

- Measures to improve soil health viz., soil test based fertilizer application, use of bio fertilizers, green manuring, vermicomposting, *in si to* soil conservation methods, crop rotation, inter crops, multiple crops, etc.
- Efficient management through Drip, Sprinklers, micro sprinklers
- Improvement in fertilizer use efficiency with fertigation.
- Benefits of alternate furrow/paired row method of irrigation
- Vegetable cultivation using Plastic mulching for effective utilization of water, fertilizer and weed management result in enhanced quality and productivity
- Micro nutrient management for high quality and productivity
- Integrated pest and disease management(boarder crops, trap crops, Pheromone/light traps, Sticky traps, Bio pesticides/fungicides, *etc*)
- Raised bed cultivation in vegetable improved microclimate in soil structure favours prolific root growth and development.
- Vegetable nursery in pro-trays under shade net for Quality and economic seedlings production
- Poly house/net house cultivation for high value or off season crops

About 255 practicing farmers and field officers from Horticulture department, ATMA, FTC, DoA of Rangareddy district were actively participated in this programme.



Brief note on Technology week-Veterinary Science

In continuation to Technology week on third day i.e 16.10.2017, KVK has organized lectures and group discussions on theme “Strategies for enhancing livestock productivity through effective nutritional management” for small and marginal farmers dairy farmers of Ranga Reddy district. 130 farmers of KVK adopted villages Gadamallaiguda, Narepally, Gummadivalli and farmers from dairy co-operatives societies such as Mother dairy, Vijaya, and Thirumala from Ranga Reddy district participated in the programme. The farmers visited fodder cafeteria and were exposed to different fodder crops both rainfed, irrigated used for dairy farming. The farmers expressed keen interest in growing of popular types viz., perennial hybrid napier co-4, hybrid napier RBN-13 (Phule Jaywanth), Hedge Lucerne fodder.

Chief Guest and resource person Sri.N.Ramesh,MD, NARMUL (Mother dairy) explained about Importance fodder crops and various incentives provided by dairy co-operative societies for benefit dairy farming community. Dr. Chandramouli, Assistant Director (A.H) held discussions on importance of mineral mixture, important cattle breeds suitable for milch and draught purpose to our climate condition and availability, Hygienic clean milk production. Dr. P.K.Pankaj, Senior Scientist(LPM), CRIDA gave the message about 5 point formulae for rearing of small ruminants i.e. selection of animals, housing, feed and fodder management, disease management and marketing aspects to farmers. Live demonstrations were organised to farmers on silage preparation using plastic bags, feed mixing plant using agricultural by products.

Dr. V. Maruthi, Principal Scientist, Head - KVK interacted with farmers about their problems in dairy farming, fodder situation in villages, remedial measures adopted.

Interaction with farmers were carried out by Dr. Sudheer, SMS (Veterinary Science), KVK on dairy nutritional management practices, seasonal occurrence of various diseases and their prevention and control measures, conservation of fodder techniques during drought period, efficient utilization of agricultural by-products for complete feed preparation. Exhibits were also displayed to farmers on fodder technologies, veterinary medicines, mineral mixtures.

