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Virtual Training Programmes

KVK, Namakkal conducted 14 virtual training programmes on Organic Mulberry cultivation, Importance of soil and water testing, Insitu moisture conservation practices, Rain water harvesting methods, Summer management in livestock farming, Castor production technologies under drip irrigation methods, Turmeric cultivation techniques, Mechanization in small onion production, Fresh water fish farming, Green fodder production & Silage making methods, Integrated fish farming, Organic farming practices, Scientific goat farming, Tapioca production technologies and Integrated nutrients, pests & diseases management through Zoom meeting mode on various dates (30.04.21, 13.05.21, 19.05.21, 21.05.21, 31.05.21, 04.06.21, 08.06.21, 10.06.21, 15.06.21, 19.06.21, 23.06.21, 24.06.21, 25.06.21 & 30.06.21) with 918 farmers from Namakkal and different district of Tamil Nadu. Imparted technologies on crop production methods, soil moisture conservation practices, livestock productivity, micro irrigation methods, inland fish farming, green fodder production, organic farming practices and farm mechanization and cleared farmers doubts on the related topics.



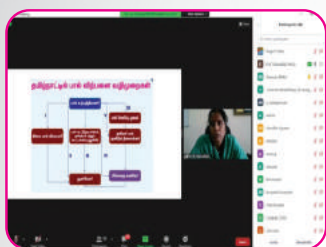
World Environmental Day Celebration

KVK, Namakkal was celebrated World Environmental Day 2021 with the theme of 'Ecosystem Restoration' by virtual training on "Profitable tree cultivation and Agroforestry", radio talk on tree plantation in Trichy FM station, distribution of seedlings, awareness poster through whatsapp groups and tree plantation drive at KVK campus and staff quarters. Dr.A.Balasubramanian, Professor and Head, Department of Silviculture, FC&RI, TNAU, Mettupalayam and Dr.C.Buvaswaran, Scientist, IFGTB, Coimbatore delivered special lectures on profitable tree farming methods and agro-forestry system for ecosystem restoration through virtual mode and programe was live streamed by KVK Namakkal youtube channal. Motivated KVK farmers and officials of Mohanur Sugar Mills to get involved in the tree plantation drive on 5.6.2021. Status of the seedlings planted on 5.6.2018 at DFI villages were also observed. A total of 124 seedlings planted and 2027 farmers benefitted in the programme.



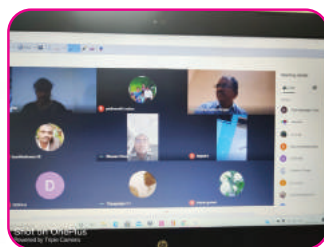
World Milk Day Programme

Celebrated World Milk Day 2021 with virtual training, live radio programme with farmers through AIR Trichy, Popular articles in Tamil dailies, Awareness posts through whatsapp and youtube video on Clean Milk Production from 28.05.2021 to 01.06.2021 at KVK, Namakkal. OFT on “Assessment on supplementation of sodium bicarbonate and yeast bolus in production performance of dairy cows” was initiated on 01.06.2021 with 50 Aavin milk producers in 100 animals. A total farmers 903 livestock farmers were benefitted.



World Honey Bee Day

KVK Namakkal celebrated World Honey Bee day programme through virtual mode on 20.05.2021 with 31farmers in Namakkal district. The trainees were enlightened with Importance of honey bee in agriculture, medicinal value of honey in human health, types of bees, colony maintenance, pests and disease management, Method of honey extraction and equipments needed and it’s availability were also explained to the trainees.



Awareness on Balanced use of fertilizers

Conducted virtual training cum Farmers awareness programme on balanced use of fertilizers with 135 participants on 18.06.2021 at KVK, Namakkal. Senior Scientist and Head inaugurated the training and given inaugural address about the event. Dr.S.Suganya, Assistant Professor (Soil



Science), Information and Training Centre, TNAU, Chennai delivered lecture on the concept of balanced fertilization for tapioca and castor. Also farmers were trained about importance of soil testing, soil sampling methods, mission of soil health card, fertilizer application based on soil health card, composting technology, INM concept and ways to improve the fertilizer use efficiency. Farmers were explained about the concept of balanced fertilization and soil sampling procedure was demonstrated. Finally, the farmers were visited the soil and water testing laboratory at KVK, Namakkal.

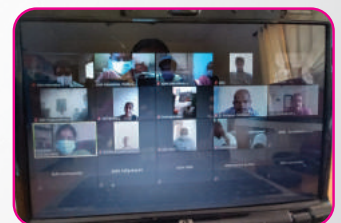
SCSP - Livelihood improvement Programme

Krishi Vigyan Kendra, Namakkal distributed 8 number of Mini weeder, 10 number of coconut climber, 15 number of back mounted both manual and battery operated hand sprayer, 29 Salem black goats, 48 Salt licks and 2 incubators (100 eggs capacity), 10 desibird night shelter (8’X3’) and 4 month old desi birds (8+1) to 129 farmers to improve their livelihood and income generation of farm family from DFI Villages and Namagiripettai, Thiruchengode, Mohanur and Erumapatti blocks of Namakkal District on 18.06.2021, 23.06.2021, 25.06.2021 & 29.06.2021 at KVK, Namakkal under ICAR SC-SP budget 2020-2021.



Extension Functionaries training

KVK, Namakkal conducted two extension functionaries training on vegetable seed production with certification standards and rain water harvesting & insitu moisture conservation techniques to Assistant Directors of Horticulture, Horticultural officers and School Teachers in Government school in Namakkal district on 28.04.2021 & 26.06.2021 through virtual mode.



Innovative Farmer Award

Tmt. Amutha, women farmer of Jambumadai, NICRA village received the best innovative farmer award from CRIDA on 12.05.2021 under NICRA for her efforts in profitable dairy farming and implementing climate resilient interventions in agriculture and livestock farming.



Tribal Sub Plan (TSP)

The Tribal Sub Plan project was implemented by KVK, Namakkal at Gundurnadu and Vazhavanthinadu panchayat of Kollihills during 2020-21. Conducted training cum demonstration on Pepper harvesting by using Aluminium unipole pepper harvesting ladder and post harvesting technologies to 18 tribal farmers at Elangiyampatti village on 21.04.2021. Farmers interest group meeting was organized for setup movable shop and start business activity by sale of organic spices, fruits with involvement of FIG members at Elangiyampatti village on 21.04.2021. Field visits was made to fish culture demonstration unit to observed fish growth, survival rate and physical parameters and advised feeding management practices to the farmers at Elangiyampatti village on 21.04.2021.



NICRA Activities

Under National Innovations on Climate Resilient Agriculture (NICRA), the climate resilient agriculture interventions were propagated at Jambumadai and Muttanchetti. Field visits was made to observed quality of sorghum seeds and groundnut seeds during harvesting period on 20.04.2021.



Under seed bank concept, Groundnut (var.Dharani) seeds – 400 kg, Sorghum (CO-4) seeds – 700 kgs produced and procured by KVK, Namakkal and distribution is in progress.

Radio programmes

The following live radio programmes joined with All India Radio were conducted for dissemination of farming technologies to the benefit of farmers during COVID 19 Pandemic lockdown period.

Name of the technology	Date of broadcasting
Seasonal vegetable cultivation	01.04.2021 10.06.2021
Disease and Health Management of Livestock and poultry under COVID'19 Pandemic	31.05.2021
Spirulina production	02.06.2021
Measures on ecosystem restoration	02.06.2021
Castor Production technologies	08.06.2021
Water conservation methods in farming	09.06.2021

CFLD Groundnut Field Day

Krishi Vigyan Kendra, Namakkal conducted Cluster front line demonstration field day on Groundnut crop at R.Pudupatti, Marurpatti, Muttanchetti, Ondikadai villages in Erumapatti and Namagiripettai blocks on 01.04.21, 08.04.21, 09.04.21 & 20.04.21 to emphasize special features of groundnut dharani variety and integrated crop management practices under NFSM CFLD scheme. A total of 84 groundnut growing farmers from various villages were participated and benefited. Th.K.Kumarasamy, Marurpatti village, CFLD Groundnut farmer, narrated his experience of higher productivity (2380 kg/ha) and more number of pods per plant (35 pods) from groundnut dharani variety and fetched higher market price (Rs.50/kg of raw pods) due to bold size and sold at Uzhavar sandhai. KVK, Namakkal procured 1800 kgs of groundnut seeds from CFLD demo farmers during COVID19 Pandemic period.



Soil and Water Analysis

From April to June 2021, 50 soil and 26 water samples received from farmers, analyzed and issued soil and water health cards to farmers. Based on results, farmers were advised to adopt suitable soil fertility management practices to improve soil health sustainably.

Impact of KVK Intervention - Success Story

Transformation of barren terrace to a lively organic roof top vegetable garden

Farmer Background

Name : Tmt.S.Boopathiammal, **Village :** Komarapalayam **Block :** Pallipalayam

Technology : Roof Top Vegetable Garden, **Area of cultivation :** 1 cent

Problem Statement

- Increasing demand for fresh and chemical free vegetables (90%)
- High expenditure involved for purchase of vegetables in urban areas (Rs.2500/month)
- Scarce availability of land for cultivation in town and cities

KVK Intervention

- Training cum demonstrations on Roof Top Vegetable Garden
- Provided critical inputs viz., vegetable seed, grow bag and growing media
- Frequent crop advisory relevant to organic way of pest and disease management
- Field visit was done to monitor the crop growth and yield performance

Technological Intervention

- Techniques to cultivate vegetables in grow bags
- Growing media preparation with compost, neem cake, biofertilizers along with native soil
- Vermicompost preparation from Kitchen and plant waste
- Irrigation and water saving methods

Impact

- Produced pesticide and inorganic fertilizer free vegetables, greens and fruits in a limited space area.
- Daily she harvests 1.5 kg of vegetables and greens from her garden
- Used 750 gm of vegetables for her family consisting of 3 members and sells the remaining 750 gm vegetables to her neighbours at a minimum price @ Rs.25 -30 / 0.75 kg.
- Totally she saved Rs.1500/month towards the purchase of vegetables and earned Rs.750 – 900 / month through sale of excess vegetable.
- She acts as a resource person to provide technical consultancy to nearby household persons, school teachers and school children regarding RTG.
- So far 17 RTG units developed under the technical consultancy.



For More Details Please Contact

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