

Bee Keeping – A new hope for Farmer Entrepreneurs

A two days training programme on bee keeping was organized at the Krishi Vigyan Kendra on 24th Dec 2020. The training was organized with an aim to create awareness among the rural youth across the district on Apiculture - an emerging income generating enterprise in the recent years. There were more than 50 farmers registered for this particular training and the KVK pooled 20 rural youth for the training programme.

The training programme was started with the welcome address by Shri.V.Suresh, Senior Scientist & head i/c inaugurated and has narrated about the importance of Bee keeping for the regular income of the farmers. Mr.P.Narayanan, SMS Plant protection had explained in details about the weather, types of bees their roles and activities, establishment of bee hive and its maintenance, marketing and the constraints involved in apiculture with required demonstrations. Smt. T.Margaret, SMS Home Science had given the special training on value addition which included Bee wax, jelly and honey dipped Amla, fig & dates candy, etc

Totally, 20 farmers attended the training programme and few of them procured the bee hives in the training itself and most of the farmer entrepreneurs showed real interest to establish the apiary unit in their farms.



**ICAR KVK Thiruvannamalai-Method
demonstration on Bee colonies**



**ICAR KVK Thiruvannamalai-Method
demonstration on Bee hives management**

Celebration of World Soil Day

The World Soil Day was organized by the KVK at Village of Vembakkam block on 05.12.2020 in association with Assistant Director of Agriculture office, Vembakkam.

The programme was started with a welcome address by Shri.V.Suresh, Senior Scientist & Head i/s. He narrated about the importance of soil health in improving the crop yields. He also instigates the farmers to use fertilizers based on the soil test. Shri. R.Subramaniam, Deputy AO, Vembakkam has informed the farmers about the reclamation measures to bring the soil more nutritive in organic way. Selvi. N.K Tamilarasi, Asst(Lab Technician) explained in detail about the different soil existing in the district, soil sampling procedures and reclamation of problem soil.

Shri. Sakthivel, Village Administrative Officer, Cithathur had participated as chief guest and shared his experiences in soil health improvements and benefits he got apart from the crop yields. A total number of 66 soil health cards have been distributed during the programme.

A total of 66 farmers from Cithathur, Kilnelli, Perungattur and Brammedesam of Vembakkam block have participated in the programme.



ICAR KVK Thiruvannamalai-Lecture on Soil Health Management



ICAR KVK Thiruvannamalai-Distribution of Soil health cards to the farmers

Field Day in IPDM Paddy

The Field day was organized by the KVK in Mottur village of Kalasapakkam taluk on 23.11.2020 with participation of progressive farmers.

The programme was started with a welcome address by Shri.V.Suresh, Senior Scientist & Head i/c has narrated about the importance of pest and disease management in paddy for improving the crop yields. He also instigates the farmers to use bio fertilizers and minimize the usage of chemical pesticides.

Shri. P.Narayanan, Subject Matter Specialist (Plant Protection) had given special lecture on bio pesticides and its control measures as a part of Integrated Pest and Disease Management demonstration in paddy. The following technologies were demonstrated under the front line demonstration *Pseudomonas fluorescens* - Seed treatment @ 10 g/kg, Soil application @ 1kg/acre, Seedling root dip @ 1kg/acre, Foliar application of *Lecanicillium lecanii* @ 1 lit/acre, Release of *Trichogramma japonicum* @ 2 cc, Release of *Trichogramma chilonis* @ 2 cc and Installation of solar light trap @ 1/acre, Installation of Stem borer pheromone trap @ 10/acre, Installation of Yellow sticky trap @ 5/acre, Need based application of Neem oil @ 3%, Foliar application of Cartop Hydrochloride 50% SP@ 400 g/ac (Stem borer & Leaf folder) or Azoxystrobin 25 SC @ 200 ml per acre. A total number of 31 farmers and farm women had participated in this programme.

Shri.Arun, a progressive farmer and high yielder in this demonstration has shared his experience among the farmers on importance of bio pesticides, bio agents and pheromone trap usage to bring the better yield in paddy and the programme was concluded with a vote of thanks by Shri S.Mani, a Progressive farmer.



ICAR KVK Thiruvannamalai – Farmers sharing his IPDM practices in paddy during field day

Fall Army Worm Management in Maize under FLD

The KVK has organized demonstration in maize under Front Line demonstration at S.Nammiyanthal village of Kilpennathur block during rabi. The maize ten maize growers were selected for this demonstration and instructed to follow the integrated Pest Management practices to control the Fall Army worm in maize. Shri. P.Narayanan SMS Plant Protection gave technological module to overcome the Fall Army worm incidence in Maize. The IPM packages are given in detail below:

Summer ploughing, Border crop with sorghum (2-4 rows advance sowing), Seed treatment with Cyatranilprole 19.8% + Thiamethoxam 19.8% (Fortenza duo 480FS) @ 2 ml/kg or thiamethoxam 30FS @ 10g/kg, One row of rogue space for every 10 row of maize for effective spraying, Intercropping with redgram, Installation of Pheromone traps@ 4 Nos/ac at the time of sowing, Collection and destruction of egg masses (8th day onwards), Azadirachtin10,000ppm @ 1 ml/lit(8 – 15 days after crop emergence), At 5-10% infestation Bacillus thuringiensis formulation @ 2 ml/lit or Metarhiziumanisopliae@ 2 ml/lit or Beauveriabassiana@ 5 ml/lit or Entomopathogenic nematode 20g/lit is recommended. If infestation is more than 10% spray Emamectin benzoate 5%SG @ 4g/lit or Spinetoram 11.7SC @ 0.3 ml/lit(30 – 60 DAS).

During the field visit, the KVK scientists had interacted with farmers and they emphasized the farmers to use IPM packages to manage the FAW in Maize. A total of 14 farmers participated in the visit and the programme was ended up with a vote of thanks by Shri.V.Suresh, Senior Scientist and Head.



ICAR KVK - Farm advisory Service on Fall army worm management in maize under FLD



ICAR KVK - Demonstration on Fall army worm Management in Maize

Farmers' Exposure visit

The Krishi Vigyan Kendra had arranged an Exposure visit for the benefit of sugarcane growers in the district. They have been taken to the Jaggery powder cottage industries located in P.S Palayam village in Villupuram district. The farmers have learnt all the technologies involving in the jaggery powder preparation from harvesting of cane, extraction of juice, heating process, clarification procedures and concentration of juice.

Shri. R.Ravichandran, proprietor, Suvasam Farmer Producer Company Limited had explained the cultivation cum preparation techniques of jaggery powder who is involving in the industry for more than 10 years. He also took the farmers into various units to have interaction among the farmers. In the afternoon, the farmers have visited KVK, Villupuram and gained knowledge of recently introduced groundnut varieties and value addition technologies in Groundnut.

Mr. V.Suresh, Senior Scientist and Head i/ and Mr. P.Narayanan, SMS (Plant Protection) co-ordinated and executed the exposure visit.

A total of 20 sugarcane growers form various taluks have participated and benefited through this visit.



ICAR KVK Thiruvannamalai-Farmers visit to organic Sugarcane fields



ICAR KVK Thiruvannamalai-Farmers visit to Jaggery powder industry

Celebration of Mahila Kisan Diwas

The KVK had organized the Mahila Kisan Diwas at KVK premises on 15th October 2020. Dr.K.Mayakrishnan, SMS (Animal Science) had delivered the welcome address Shri V.Suresh, Senior Scientist & head i/c in his special address had narrated about the role and importance of women in Indian agriculture. He also emphasized the women to start small enterprises at the village level for the regular income.

Smt.T.Margaret had delivered a special lecture on the importance of balanced diet to improve the health condition of women and children. She also spoke about the roles and responsibilities of farm women to improve the social and cultural status of women in rural areas.

A Rangoli competition was organized with a theme “Role of women in agriculture” and the prizes were distributed to the winners. A progressive farm Women Smt. Latha Ramakrishnan felicitated with an award and certificate for her outstanding contribution in the field of agriculture and promotion of entrepreneurs in her region during the event. A total of 40 farm women and anganwadi workers participated in the celebration.

The programme was ended up with a vote of thanks by Shri. P.Narayanan, SMS Plant protection.



ICAR KVK Thiruvannamalai-Senior Scientist and Head addressing the gathering.



ICAR KVK Thiruvannamalai-A Progressive farm women felicitated with a shield and certificate