

RURAL AGRICULTURAL WORK EXPERIENCE 2014

SATHYAMANGALAM, ERODE DISTRICT



VISIT TO SEED PROCESSING UNIT, BHAVANI

Mr. Shankar, A.O - seed certification officer of Bhavani gently gave an detailed structure about the seed processing unit. We learned about seed certification unit, seed inspection unit and seed testing labs. Mr.Venkatesan gave us voluminous information about the seed processing machine.

BIOCONTROL LAB

It was started in the year 1995. In Biocontrol unit, we gained knowledge about biocontrol agents. Biocontrol agents are,

Trichogramma chilonis

Trichoderma viridis

Pseudomonas fluorescens

Nuclear Polyhedrosis Virus

BIOFERTILIZER UNIT

Mr. Sathish kumar, A.O - explained us about biofertilizer production. We learnt about the mother culture and biofertilizer production process and observed the working procedure of production machines.



DEMONSTRATION ON YELLOW STICKY TRAP

We conducted demo on yellow sticky trap in Thaandampalayam since the incidence of white fly were prominent in the area. We selected Mr.R.J.Shivaram's jasmine field and placed yellow sticky traps before two days of demo to observe the result. On the day of demo we had a great interaction with the farmers over the area and ADH Mr.Palanisamy. We explained the benefits of the trap in controlling the white fly population with addition to chemical usage. Farmers were impressed with the results and actively participated in the demo. Also ADH officer gave us suggestions regarding other control measures and problems prevailing in the area. We placed 6 yellow sticky traps by coating yellow charts with castor oil and tying them to the sticks over an acre and observed the results. Within a short period of time white flies got attracted to the colour and trapped.

Mr.Palanisamy(ADH) , Mr.Velusamy (HO), ATMA scheme members, Village President Mrs. Marisamy and around 15 farmers participated in the demonstration.



Demonstration on yellow sticky trap in jasmine field and interaction with ADH

DEMONSTRATION ON TNAU COCONUT TONIC

The demo on TNAU Coconut tonic was conducted in the field of Mrs.Rukmani in Siviarpalayam village near Sathyamangalam. Many farmers were interested to know about coconut tonic. An introduction was given and the procedure about root feeding and its benefits were explained. Pamphlets were also issued to the farmers. Also we distributed coconut tonic packets to the farmers. Many farmers actively participated in the demo.



DEMONSTRATION ON SUCKER TREATMENT IN BANANA

We conducted demo on sucker treatment in banana in Siviarpalayam village. 1.5 to 2.0 kg sucker was taken and treated with 0.1% bavistin for 5 minutes, then the sucker was dipped in clay slurry and 40g of carbofuran granules were

sprinkled per sucker. Pamphlets were also issued to the farmers.



HIGH DENSITY PLANTING AWARENESS PROGRAMME

Awareness programme about high density planting in banana was conducted in Siviyarpalayam. A diagrammatic representation of planting system was displayed for better understanding. The session was very interactive. Practical constraints and solutions were discussed.



TURMERIC SOWING

We were involved in turmeric sowing in turmeric field of Mr.Rajasekar at Senbagaputhur. We observed rhizome treatment. The rhizomes were treated

with 0.1% Emisan. Next day, the treated rhizomes were manually sown by our group members.

