

## **Pest and Disease forecasting for the month of October 2014**

### **Paddy**

In Tirunelveli, Salem, Kanyakumari, Theni, Thiruvarur, Villupuram, Dharmapuri, Madurai and Pudukottai districts leaf folder and stemborer incidence was found in paddy. Hence, farmers are advised to spray Neem seed kernel extract 5% and set up light traps (one/ac) to monitor the pest population. If needed, spray any one of the following insecticides: Phosphamidon 40SL 250 ml/ac or Profenofos 50EC 400 ml/ac.

Apart from the above pests, if continuous rains are received, there is a possibility for outbreak of paddy blast in coastal areas of Tamil Nadu. Hence, the farmers are advised to spray hexaconazole (2 g/lit.) twice at weekly intervals. Besides, foliar application of 0.2% *Pseudomonas fluorescens* at fortnightly interval is recommended to increase the yield.

### **Cotton:**

In Theni, Erode, Salem, Dharmapuri and Madurai districts, sucking pests were noticed. Hence, farmers are advised to setup the yellow sticky traps @ 5/ac to monitor the pest population.

In Dharmapuri and Tiruvannamalai districts, pink boll worm incidence was found in cotton. Hence, farmers are advised to monitor the insect using the pheromone traps. If needed they are advised to spray triazophos 40 EC 800 ml/ac.

### **Tomato**

In Coimbatore, Tiruppur and Dindugul districts, tomato leaf blight incidence was noticed. Hence, the farmers are advised to spray mancozeb @ 2 g/ lit of water, twice at weekly interval.

### **Turmeric**

In Erode, Coimbatore and Tiruppur districts, turmeric leaf spot incidence was noticed. Hence, the farmers are advised to spray mancozeb @ 2 g/ lit of water or propiconazole 0.2%, twice at weekly interval.

### **Sugarcane**

In Erode, Cuddalore, Salem, Sivagangai, Theni, Thiruvannamalai, Pudukottai and Villupuram districts, borer pest complex was found below ETL. Hence, farmers are advised to release the egg parasitoid *Trichogramma* @ 6 cc/acre. For white grub management farmers are advised to apply chlorpyrifos 2 ml/litre of water in Polur block Thiruvannamalai district.

### **Groundnut**

In Thindivananam, Villupuram, Salem, Sivagangai, Thiruvannamalai, Pudukottai, Ramanathapuram and Tirunelveli districts, leaf miner incidence was sporadically recorded. Hence, the farmers are advised to monitor the insect using light traps. If normal rains were not received, there is a possibility of pest to cross ETL level and if needed farmers, can spray neem seed kernel extract @ 5%.

Besides, dry root rot was noticed here and there. Hence, the farmers are advised to drench the soil with 0.1% carbendazim.

### **Maize**

In Coimbatore, Tiruppur, Madurai, Pudukottai and Dharmapuri districts, sporadic incidence of stem borer was noticed. Farmers are advised to monitor the adult moths by setting up light traps and if needed spray NSKE 5% along with sticking agent @ 1ml /lit.

This is for favour of kind information. Necessary control measures may please be adopted.