



Tamil Nadu Agricultural University  
Coimbatore – 641 003

Dr. Ravi Kumar Theodore, Ph.D.,  
Public Relations Officer &  
Professor (Agrl. Extension)

Phone: 0422 - 6611302  
Fax: 0422 – 2431821  
E-mail: [pro@tnau.ac.in](mailto:pro@tnau.ac.in)

---

To  
2012  
The Editor,

Date: 2-2-

Sir,

I request that the following matter may kindly be published in your esteemed daily:

**Pest and Disease Surveillance & Forecast report for February 2012**

Based on the pest and disease surveillance reports from different districts of Tamil Nadu the following forecast is made.

**Rice**

In Kanyakumari, Ramanathapuram, Theni, Pudukkottai Tirunelveli and Salem districts, leaf folder and stem borer incidence are noted in rice. Hence, farmers are advised to set up light traps. If needed they can spray Neem Seed Kernel Extract (NSKE) 5% or Chlorpyrifos 100ml / hectare (ha) or Profenophos 50 EC 1000 ml/ha.

Brown spot incidence was found in rice at Theni and Ramanathapuram district. Farmers are advised to spray Mancozeb (2.0g/lit) or Edifenphos (1ml/lit) - 2 to 3 times at 10 - 15 day interval, based on the intensity of disease.

Bacterial leaf blight incidence was found in rice at Ramanathapuram and Theni districts. Farmers can spray (copper hydroxide) Kocide 101 @ 2.5g/lit.

**Cotton**

In Tirunelveli and Theni districts, sucking pests viz., jassids and thrips were noticed. Farmers are advised to monitor the pest population and spray either Imidacloprid 200 SL at 100 ml/ha or Methyl demeton 25 EC 500 ml/ha.

Infestation of Bollworms were found below Economic Threshold Level (ETL). Farmers are advised to set up pheromone traps to monitor the adult activity.

### **Sugarcane**

In, Theni district borer pest complex was observed to be below ETL level. Hence, Farmers are advised to release the egg parasitoid *Trichogramma* from 4<sup>th</sup> month onwards at 15 day interval @ 1cc/acre/release up to 6<sup>th</sup> month.

### **Groundnut**

In Pudukottai district leaf miner incidence is found to damage the crop. Farmers are advised to monitor leaf miner adults using light traps. If needed farmers can spray NSKE 5 per cent.

Tikka Leaf spot incidence was found in Salem and Ramanathapuram districts. Farmers are advised to spray Carbendazim (0.1%) or Mancozeb (0.2%) or Chlorothalonil (0.2%).

### **Papaya mealy bug**

Tapioca, papaya and mulberry farmers are advised to watch for the incidence of papaya mealy bug (*P.marginatus*). If any incidence is noted, farmers are requested to contact the nearby TNAU Research Station / KVK / College for obtaining the parasitoids free of cost, for release in their fields.

For further details contact:

Professor and Head,  
Department of Agricultural Entomology,  
Tamil Nadu Agricultural University,  
Coimbatore - 641 003.  
Phone: 0422-6611214

Professor and Head,  
Department of Plant Pathology,  
Tamil Nadu Agricultural University,  
Coimbatore - 641 003.  
Phone: 0422-6611226

Public Relations Officer