



Tamil Nadu Agricultural University  
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To  
2011  
The Editor,

Date: 9-12-

Sir,

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

### **Pest and Disease Surveillance & Forecast report for December 2011**

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

#### **Rice**

In Pudukkottai, Ramanathapuram, Sivagangai, Thanjavur, Theni, Thiruvarur, Namakkal, Thirunelveli and Villuppuram districts leaf folder and stem borer pests incidence were found in paddy. Hence, farmers are advised to spray Neem Seed Kernel extract 5% and set up light traps to monitor the pest population, or spray Chlorpyrifos 2.5 ml/ litre of water (or) Profenophos 2.0 ml/ litre of water. Or release trichogramma egg parasitoid @ 6cc per acre.

Bacterial leaf blight disease incidence was found in paddy in Thiruvarur district. Proper plant protection measures may be undertaken and copper hydroxide @ 2.5g/litre, may be sprayed.

Due to continuous rain for the past one week the weather is conducive for outbreak of blast in paddy, therefore spray (0.1%) tricyclozole at 10 days interval.

#### **Cotton**

In Theni, sucking pests viz., jassids and thrips were noticed. Hence, the farmers are advised to set up yellow sticky traps to monitor the pest population.

Bollworms were found below Economic Threshold Level (ETL). Hence, the farmers are advised to set up pheromone traps to kill the adults.

#### **Sugarcane**

In Sivagangai, Thanjavur, Namakkal and Viluppuram districts borer pest complex was found below ETL level. Hence, farmers are advised to release the egg parasitoid Trichogramma @ 6cc/acre.

## **Groundnut**

In Namakkal district leaf miner, incidence was recorded. Farmers are advised to monitor leaf miner adults using light traps and if needed farmers can spray Neem Seed Kernel extract at 5%.

## **Papaya mealy bug**

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

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