



Tamil Nadu Agricultural University  
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To  
2011  
The Editor,

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Sir,

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

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

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

#### **Paddy**

In Thiruvannamalai, Nagapattinam, Sivagangai, Theni, Thiruvarur and Thirunelveli districts, leaf folder and Stem borer incidence were found. Hence, farmers are advised to spray Neem seed Kernel extract 5% and set up light traps to monitor the pest population.

Bacterial leaf blight incidence was found in Thiruvarur district. Hence, farmers can take proper plant protection measures and spray Kocide 101 @2.5g/litre.

There is a possibility for outbreak of Rice blast in the areas where more rains were received. To control this disease spray immediately Tricolozole 0.1 percent, if needed repeat again after 10 days.

#### **Cotton**

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

In Thiruvannamalai district, dusky cotton bug and pink bollworm incidence were found in cotton, hence farmers are advised to monitor the insect pest using pheromone traps.

#### **Turmeric**

In Erode district leaf spot of turmeric was noticed. Rainfall and low temperature during night favours the incidence and spread of the disease. Hence, farmers are advised to take up spraying of Carbendazim one g/lit.

## **Sugarcane**

In Thiruvannamalai, Nagapattinam, Sivagangai, Theni, Thiruvarur and Thirunelveli districts borer pest complex was found below ETL (Economic Threshold Level). Hence, the farmers are advised to release the egg parasitoid *Trichogramma* @ 6cc/acre.

## **Groundnut**

In Thiruvannamalai and Nagapattinam districts leaf miner, Leaf folder and sucking pests incidence were recorded. In addition, Tikka leaf spot was recorded and for managing this disease spray carbendazim 1g/litre two times at 10 days interval. Farmers are advised to monitor leaf folder adults using light traps and if needed farmers can spray neem seed kernel extract at 5%.

## **Coconut**

In Tirunelveli district, Rhinoceros beetle was found crossing ETL. Hence, farmers can take plant protection measures by setting up rhinolure pheromone trap @ 1 trap per two hectares to kill and trap the beetle. Root feeding with monocrotophos 10 ml + water 10 ml is also recommended. In addition, coconut mite was also found to occur. To manage this pest, farmers can spray Azadirachtin 1% 5 ml in one litre of water or neem oil + Teepol 30 ml in one litre of water at 45 days interval. To manage stem bleeding incidence in coconut, spray 1% Bordeaux mixture.

## **Papaya mealy bug**

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

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