



Tamil Nadu Agricultural University  
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To  
The Editor,

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Sir,

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

**Pest and Disease forecast for the month of November 2012**

Based on the pest and disease surveillance reports received from different districts of Tamil Nadu, the following forecast is made by the Centre for Plant Protection Studies, Tamil Nadu Agricultural University, Coimbatore.

**Paddy**

In Dharmapuri, Madurai, Nagapattinam, Pudukkottai, Thanjavur, Sivaganga, Thiruvarur, Tirunelveli, Villupuram and Salem districts, Leaf folder and Stem borer pests incidence were noticed. To manage these pests, set up light traps @ 1 / acre to attract and kill the adult moths. Spray Neem Seed Kernel Extract (NSKE) 5 % @ 25 kg / ha (or) if necessary spray any one of the following insecticides: Phosalone 35 EC 1500 ml / ha (or) Phosphamidon 40 SL 600 ml / ha or Profenophos 50 EC 1000 ml / ha.

In Nagapattinam, Pudukkottai, Sivaganga, Thanjavur, Thiruvarur, Salem and Trichy districts, Thrips incidence was noticed. Hence, farmers are advised to spray NSKE 5 % or Phosphamidon 40 SL 50 ml or Monocrotophos 36 SL 40 ml for 20 cent nursery area.

**Cotton**

In Dharmapuri, Villupuram and Salem districts, Jassid incidence was noticed, and in Madurai Aphid incidence was recorded. Farmers are advised to set up yellow sticky traps @ 5 / acre for monitoring the sucking pests. Farmers are advised to spray fish oil rosin soap @ 1 kg in 40 litres of water. If the sucking pests incidence crosses the Economic Threshold Level (ETL), farmers may spray Triazophos 40 EC 2 litres / ha (or) Acephate 75 SP @ 1.30 kg / ha or Methyl Demeton 25 EC @ 500 ml / ha.

In Tirunelveli district, Pink boll worm incidence was noticed. Hence, farmers are advised to set up Pheromone traps to monitor and kill the adults @ 5 / acre. If necessary farmers may spray Chlorpyrifos 25 EC 2 litres / ha (or) Phosalone 35 EC 2.5 l / ha or Carbaryl 50 WP 2.5 kg / ha.

## **Groundnut**

In Madurai, Sivaganga, Tirunelveli, Ramanathapuram and Salem districts, Leaf miner incidence was noticed. Hence, farmers are advised to setup light traps to monitor and kill the adult moths. If necessary spray any one of the following insecticides: Phosphamidon 40 SL 750 ml / ha (or) Chlorpyrifos 20 EC 1250 ml / ha (or) Phosalone 35 EC 750 ml / ha.

In Ramanathapuram and Pudukkottai districts, Leaf spot incidence was noticed. To manage this pest, spray Carbendazim 500 g / ha (or) Mancozeb 1000 g / ha (or) Chlorothalonil 1000 g / ha. If necessary give the second round 15 days later.

## **Sugarcane**

In Dharmapuri, Nagapattinam, Sivaganga, Villupuram, Salem and Trichy districts, Internode borer incidence was noticed. Hence, farmers are advised to release *Trichogramma* egg parasitoid @ 1 cc / acre 6 times, starting from 45 days onwards at 15 days interval.

## **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 noticed, farmers are requested to contact the nearby TNAU College / Research Station / KVK for obtaining the Papaya mealy bug parasitoids free of cost for field release.

### **For further details contact:**

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