



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 Forecasting for the Month of December 2012**

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

#### **Paddy**

In Coimbatore, Pudukkottai, Thiruvallur, Kanyakumari, Tirunelveli and Thanjavur districts leafhopper, stemborer and thrips incidence were noticed. To manage the leafhopper and stemborer set up light trap @ 1 / acre to attract and kill the adult moth. Spray Neem Seed Kernel Extract (NSKE) 5 per cent @ 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 Kanyakumari and Pudukkottai districts, thrips incidence was noticed. Hence farmers are advised to spray phosphamidon 40 SL 50 ml or monocrotophos 36 SL 40 ml for 20 cent nursery area.

#### **Cotton**

Cotton mealybug incidence was noticed in Madurai district. To manage this pest, farmers are advised to spray fish oil rosin soap at the rate of 1 kg in 40 lit of water. If necessary, farmers can spray triazophos 40 EC 2.0 l/ha (or) acephate 75 SP @ 1.30 kg/ha.

In Tirunelveli district, spotted bollworm incidence was noticed. Hence farmers are advised to set up light trap @ 1 / acre to attract and kill the adult moth. If necessary, farmers can spray Chlorpyrifos 25 EC 2.0 l/ha (or) Phosalone 35 EC 1.5 l/ha.

#### **Groundnut**

In Ramanathapuram, Madurai and Tirunelveli, districts, the leafminer incidence was noticed. Hence farmers are advised to setup light trap to monitor and kill the adult moths

and 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.

### **Sugarcane**

In Pudukkottai and Thiruvallur districts, internodeborer incidence was noticed. Hence farmers are advised to release *Trichogramma* egg parasitoid @ 1c.c / acre six times at an interval of fifteen days starting from 45 DAP.

### **Special forecast for coastal district rice farmers**

During depression formation in coastal, districts if continuous cloudy weather without sun for more than 3 or 4 days and if high humidity prevailed, there is a possibility for blast incidence. Rice farmers growing high yielding varieties should watch for the incidence of blast. To manage this disease farmers are advised to spray 0.1% tricyclazole immediately after the appearance of disease and if necessary a second spray can be given after 10 days.

For managing bacterial leaf blight incidence farmers can spray copper hydroxide 101 @ 2.5g/litre of water. Nitrogen must be applied in minimum of three splits.

For managing brown spot incidence, farmers are advised to spray mancozeb (2.0 g/lit) 2 times at 10-15 days intervals first on 40 DAP and second on 55 DAP.

### **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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