



Tamil Nadu Agricultural University
Coimbatore – 641 003

Dr. E. Somasundaram, Ph.D.,
Public Relations Officer &
Professor (Agronomy)

Phone: 0422 - 6611302
Fax: 0422 – 2431821
E-mail: pro@tnau.ac.in

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 July 2013

Based on the pest and disease surveillance reports from different districts of Tamil Nadu, the following forecast are made **for the month of July 2013** by the Centre for Plant Protection Studies, Tamil Nadu Agricultural University, Coimbatore. By and large the pest and disease incidence is below Economic Threshold Level (ETL).

Rice

Sporadic incidence of leaf folder and stemborer were noticed in Tirunelveli, Dharmapuri, Dindigul, Pudukkottai and Salem Districts. To manage these pests, set up light trap @ 1 / acre to attract and to kill the adult moth. If needed, spray neem seed kernel extract 5% (or) spray any one of the following insecticides, phosalone 35 EC 1500 ml / ha (or) quinalphos 25 EC 1000 ml / ha (or) profenophos 50 EC 1000 ml / ha.

For managing thrips in the nursery and early transplanted rice in different districts, the farmers are advised to spray NSKE 5% (or) Phosphamidon 40 SL 50 ml for 20 cent nursery area. If green leafhoppers are noticed spray Phosphamidon 40 SL 50 ml for 20 cent nursery area. If green leafhoppers are noticed in the main field spray Phosphamidon 40 SL 250 ml / ha (or) Profenophos 50 EC 1000 ml / ha.

In coastal areas of Tamil Nadu because of cloudy weather the farmers are advised to take up spraying of Kocide (Copper hydroxide) 2.5 g / lit for management of bacterial leaf blight of rice.

Groundnut

Set up light traps to monitor leafminer and red hairy caterpillar moths. If needed, spray any one of the following insecticides Dichlorvos 70 WSC 625 ml / ha (or) Phosphamidon 40 SL 750 ml / ha (or) Chlorpyrifos 20 EC 1250 ml / ha (or) Phosalone 35 EC 750 ml / ha.

The groundnut farmers of Salem and Dharmapuri districts are advised to spray Carbendazim 0.1% for management of Tikka leaf spot of groundnut.

Maize

Farmers of Coimbatore and Tirupur districts are advised to spray Metalaxyl + Mancozeb 2.5g / lit against downy mildew as the weather conditions are conducive for the onset of the diseases due to monsoon rains.

Sucking pest management in Agricultural and Horticultural crops.

Since below normal rainfall is expected in Erode, Tanjore, Sivagangi and Tiruppur districts, there is a possibility for the multiplication of jassids, thrips, whitefly, spiralling whitefly and different species of mealybug including papaya mealybug.

Hence farmers are advised to monitor the sucking pests by installing yellow sticky traps @ 5 / acre and if needed they can spray neem seed kernel extract 5% (or) fish oil rosin soap @ 1 kg in 40 lit of water.

Nematode management in vegetables

The farmers raising vegetable crop (Tomato, Bendi, Brinjal, Cucurbits) are requested to do summer ploughing and expose the main field to sunlight for 10-15 days in order to minimize the incidence of nematodes which is a serious pest in the vegetable crops.

This is for the favour of your kind information. Necessary control measures may please be adopted.

For further details contact:

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

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

Public Relations Officer