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**TAMIL NADU AGRICULTURAL UNIVERSITY
CENTRE FOR PLANT PROTECTION STUDIES**

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PEST AND DISEASE FORECASTING FOR THE MONTH OF NOVEMBER 2013

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

Paddy

In Coimbatore, Erode, Nagapattinam, Sivaganga, Theni, Thiruvarur and Thirunelveli districts, leaf folder and stemborer incidence were found. Hence, farmers are advised to spray neem seed kernel extract 5% (NSKE) or flubendiamide 20 WG 125 g / ha. Set up light traps to monitor the pest population.

Bacterial leaf blight incidence was found in Chingulpet, Kanjeeपुरam and Thiruvarur district. Hence, farmers can take proper plant protection measures and spray copper hydroxide @ 2.5g/litre. There is a possibility for the outbreak of paddy blast due to cloudy weather prevailing in coastal areas hence farmers are advised to spray tricyclozole 0.1 per cent immediately. In delta areas, spray phosalone 35 EC @ 1500 ml/ha for the management of mealy bugs in paddy.

Cotton

In Coimbatore, Dharmapuri and Theni sucking pests *viz.*, jassids and thrips were noticed. Hence, the farmers are advised the setup the yellow sticky traps to monitor the pest population. If necessary, farmers can spray NSKE 5%.

Turmeric

In Erode district, leaf spot of turmeric was noticed. Rainfall and low temperature prevailing during night favours the incidence and spread of the disease. Hence, farmers are advised to take up spraying of carbendazim 1 g/lit.

Sugarcane

In Erode, Vellore, Cuddalore, Thiruvannamalai, Nagapattinam, Sivaganga, Theni, Thiruvarur and Thirunelveli districts borer pest complex was found below ETL level. Hence, the farmers are advised to release the egg parasitoid *Trichogramma* @ 6cc/acre for 6 releases at the rate of 1 cc/release starting from 45th day onwards at 15 days interval.

Groundnut

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

Coconut

In Udumelpet and Pollachi areas leaf blight incidence was noticed. Hence, farmers are advised to remove the affected fronds and root feed propiconazole 2 ml / 100 ml of water per tree.

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

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