

PEST AND DISEASE FORECASTING FOR THE MONTH OF OCTOBER 2015

Paddy

In Tirunelveli, Salem, Kanyakumari, Theni, Thiruvarur, Villupuram, Dharmapuri, Madurai, Thanjavur and Pudukottai districts, the leaf folder and stemborer incidence was found in Paddy, hence farmers are advised to spray neem seed kernel extract 5% along with sticking agent 1 ml/lit and also set up light traps (one/ac) to monitor the pest population. If needed spray any one of the following insecticides: Phosphamidon 40SL 225 ml/ac or Profenofos 50EC 400 ml/ac.

Apart from the above pests, there is possibility for the outbreak of paddy blast due to continues cloud formation. Hence, the farmers are advised to spray hexaconazole (0.25%) twice at weekly intervals. Besides, foliar application of 0.2% *Pseudomonas fluorescens* at fortnightly interval is recommended to increase the yield.

Cotton:

Sucking pests were noticed in Dharmapuri and Madurai districts, hence farmers are advised to setup the yellow sticky traps @ 5/ac to monitor the pest population.

To manage cotton bollworms, set up pheromone trap @ 5 / acre depending upon the type of bollworm. If needed spray indoxacarb 14.5 SC 200 ml / ac (or) triazophos 40 EC 800 ml / ac.

Tomato

In Coimbatore, Erode, Tiruppur and Dindugul districts, tomato leaf blight incidence was noticed. Hence, the farmers are advised to spray mancozeb @ 2 g/ lit of water, twice at weekly interval.

Turmeric

In Erode, Coimbatore and Tiruppur districts, turmeric leaf spot incidence was noticed. Hence, the farmers are advised to spray mancozeb @ 2 g/ lit of water, or propiconazole 0.2%, twice at weekly interval

Sugarcane

In Salem, Sivagangai, Theni, Thiruvannamalai, Pudukottai and Villupuram districts, borer pests complex were found below ETL, however, farmers are advised to release the egg parasitoid *Trichogramma* @ 2.5cc/ha.

Groundnut

In Erode, Salem, Sivagangai, Thiruvannamalai, Villupuram, Pudukottai and Ramanathapuram districts, leaf miner incidence was sporadically recorded. Hence, the farmers are advised to monitor the insect using light traps. If normal rains were not received, there is a possibility of pest to cross ETL level and if needed farmers can spray neem seed kernel extract @ 5% along with sticking agent @ 1 ml/lit.

Besides, dry root rot was noticed here and there. Hence, the farmers are advised to drench the soil with 0.1% carbendazim.

Maize

In Coimbatore, Tiruppur, Madurai, Pudukottai and Dharmapuri districts, sporadic incidence of stem borer was noticed. Farmers are advised to monitor the adult moths by setting up light traps and if needed spray neem seed kernel extract 5% along with sticking agent @ 1ml /lit.

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

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