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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 January 2015

Paddy

In Coimbatore, Erode, Salem, Pudukkottai, Tirunelveli, Madurai, Ramanathapuram and Thanjavur districts BPH, leaffolder and stemborer incidence was noticed. To manage the leaffolder and stemborer, set up light trap @ 1 / acre to attract and kill the adult moth. Spray neem seed kernal extract 5 per cent @ 25 kg/ha (or) if needed, spray any one of the following insecticides: profenophos 50 EC 1000 ml / ha (or) phosalone 35 EC 1500 ml / ha.

Blast, brown spot and false smut incidence was found in rice at Erode, Coimbatore, Pudukkottai and Ramanathapuram districts. Hence farmers are advised to spray mancozeb (2.0 g/lit) 2 to 3 times at 10-15 days intervals based on the intensity of disease. Bacterial leafblight was found in rice at Nagapattinam, Kanchipuram, Pudukkottai and Ramanathapuram districts. Hence farmers are advised to spray copper hydroxide 75 WP @ 1.25 kg / ha (2.5g/litre) at 30 DAP and 45 DAP.

Cotton

Bollworm incidence was noticed in Theni, Dharmapuri, Tirunelveli and Madurai districts. Hence, farmers are advised to set up pheromone trap @ 5/acre to attract and monitor the adult moth. If needed, farmers can spray chlorpyrifos 20 EC 2.0 l/ha (or) phosalone 35 EC 1.5 l/ha.

In Erode, Salem and Tirunelveli districts, sucking pest jassid was noticed in cotton. Hence the farmers are advised to monitor the pest population and spray any one of the

following insecticides if needed (500 l spray fluid / ha) methyl demeton 25 EC 500 ml/ha or imidacloprid 200SL at 100 ml / ha.

Groundnut

In Coimbatore, Salem, Dharmapuri, Madurai, Ramanathapuram and Tirunelveli, districts, the leafminer incidence was found to damage the crop. Farmers are advised to monitor leafminer adults, using light traps, if needed farmers can spray neem seed kernel extract at 5 per cent.

Tikka leaf spot incidence was found in Dharmapuri, Tindivanam, Madurai and Ramanathapuram districts. Hence farmers are advised to spray carbendazim (1 g/l) or mancozeb (2 g/l) or chlorothalonil (2 g/l) at initial incidence and 15 days later.

Horticulture crops

Farmers are advised to watch for the incidence of papaya mealybug, white fly and jassids in bhendi, brinjal, tomato, tapioca, papaya and mulberry. Setup yellow sticky trap at the rate of 5 per acre and monitor the sucking pests. If any incidence is noticed, farmers are requested to spray NSKE 5% and release biocontrol agents.

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

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