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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 forecast for the month of August 2012

Based on the pest and disease surveillance reports received from different districts of Tamil Nadu, the following forecast is made by the Centre for Plant Protection Studies, Tamil Nadu Agricultural University, Coimbatore.

Rice

In Dharmapuri, Dindigul, Tirunelveli, Thiruvannamalai, Pudukottai and Salem districts leaf folder and stemborer pests incidence were noticed. To manage this pest set up light trap @ 1 / acre to attract and to kill the adult moths. If needed, spray Neem Seed Kernel Extract (NSKE) 5% (or) spray any one of the following insecticides: Phosalone 35 EC 1500 ml/ha (or) Quinalphos 25 EC 1000 ml/ha (or) Phosphamidon 40 SL 600 ml/ha (or) Profenophos 50 EC 1000 ml/ha.

In Dharmapuri district thrips incidence was noticed. Hence, farmers are advised to spray Phosphamidon 40 SL 50 ml (or) 36 SL 40 ml for 20 cent nursery area.

In Nagapattinam district green leaf hopper was noticed. Farmers are advised to apply insecticides twice, 15 and 30 days after transplanting. Spray any one of following insecticides: 36 SL 1000 ml/ha (or) Phosphamidon 40 SL 1000 ml /ha (or) Fenthion 100 EC 500 ml/ha (or) Profenophos 50 EC 1000 ml/ha.

Cotton

In Tirunelveli and Salem districts, cotton bollworm incidence was noticed. Farmers are advised to monitor the movement of adult moths by setting up pheromone trap. If necessary, spray any one of the following insecticides: (1000 l of spray fluid / ha): Phosalone 35 EC 2.5 l/ha (or) Quinalphos 25 EC 2.0 l/ha (or) Carbaryl 50 WP 2.5 kg/ha (or) Chlorpyrifos 20 EC 2.0 l/ha.

In Salem district, white fly incidence was noticed. To manage this pest, spray any one of the following plant products alone (or) in combination with the recommended dose of insecticides: (at 2 ml/l of water): NSKE 5% (or) neem oil @ 3 ml/l of water (or) Fish oil rosin soap 25 kg (1 kg in 40 lit. of water) (or) Notchi leaves 5% extract, (or) spray any one of the following insecticide during early stage: (500 l of spray fluid/ha): Methyl demeton 25 EC 500 ml (or) Phosphamidon 40 SL 600 ml/ha (or) spray any one of the following in mid and late stages: (1000 l spray liquid/ha): Phosalone 35 EC at 2.5 l/ha (or) 36 SL 1.25 l/ha (or) Triazophos 40 EC 2.0 l/ha (or) Acephate 75 SP 1.30 kg/ha.

Groundnut

In Dharmapuri, Tirunelveli, Thiruvannamalai, Pudukottai and Salem districts, leaf miner incidence was noticed. Hence, farmers are advised to set up light trap to monitor and kill the adult moths. If needed, spray any of the following insecticides: Dichlorvos 76 WSC 625 ml/ha (or) 36 WSC 750 ml/ha (or) Phosphamidon 40 SL 750 ml/ha (or) Chlorpyrifos 20 EC 1250 ml/ha (or) Phosalone 35 EC 750 ml/ha.

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 the 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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