



Tamil Nadu Agricultural University
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To
2011
The Editor,

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Sir,

I request that the following matter may kindly be published in your esteemed daily:

Pest and Disease Surveillance & Forecast report for September 2011

Based on the pest and disease surveillance reports from different districts of Tamil Nadu the following forecast is made for the month of September 2011.

Rice:

Rice leaf folder and stem borer pests are present below the economic threshold level in Coimbatore, Tirunelveli, Villupuram, Namakal, Pudukkottai, Nagapattinam, Dharmapuri, Dindugal, Ramanathapuram, Trichy, Thanjavur, Salem and Erode districts. Farmers are advised not to use excessive nitrogen fertilizers like urea as this will increase the pest attack. To manage the leaf folder and stem borer farmers are advised to use neem seed kernal extract 5%.

As there is a possibility of increased rainfall during September, diseases like leaf spot and sheath blight are likely to occur. Hence, farmers are advised to spray *Pseudomonas fluorescense* 10 grams per lit. of water as foliar spray.

In Coimbatore, Tirunelveli, Ramanathapuram and Madurai districts in paddy leaf spot disease was observed below 5%. Farmers are advised to spray mancozeb 0.2%.

Groundnut:

If normal rains are not received during September there is a possibility for outbreak of leaf miner and aphids in groundnut. Hence, farmers are advised to setup light traps and yellow sticky traps to monitor leaf miner and aphid movement.

In Erode, Tirunelveli, Dharmapuri, and Madurai districts, groundnut sigatoka leaf spot was observed to be below 5%. The incidence may increase in coming months if September rains intensify. Hence, farmers are advised to spray carbendazim @ 1 gram / lit of water.

Cotton:

Sucking pests like aphids, leafhopper and whitefly were found below the economic threshold level and if normal rains were not received during September, farmers are advised to monitor the sucking pests using, yellow sticky traps. If necessary farmers may spray imidacloprid 1 ml / litre of water or use Neem seed kernel extract 5%.

Bollworms are noticed below the economic threshold level in Tirunelveli, Nagapattinam, Dharmapuri, Salem, Erode and Madurai districts. However, farmers are requested to watch the movement of bollworms by using pheromone traps.

To manage bollworms in cotton farmers are advised to spray any one of the following insecticides: Phosalone 35 EC 100ml / acre or quinalphos 25EC 800 ml or carbaryl 50 WP 1.0 kg / acre.

Sugarcane:

Internode borer pest is prevalent in Coimbatore, Erode, Villupuram, Nagapattinam, Ramanathapuram, Trichy, Theni, Thanjavur, Sivagangi and Madurai districts. To manage this pest, farmers are advised to release *Trichogramma* egg parasitoid @ 6 c.c / acre based on the intensity at fortnightly interval.

Grassy shoot disease is prevalent in Trichy, Ramanathapuram, Theni and Thiruvrur districts. This disease is transmitted by vectors, which can be managed by spraying monocrotophos 1 ml / liter of water.

Papaya Mealy bug:

Papaya mealybug is found below economic threshold level in papaya, tapioca, mulberry and other crops. However farmers are advised to monitor the papaya mealybug population during their field visits and if necessary they can release the parasitoids, which is supplied free of cost in all the colleges and research stations of TNAU.

For further details contact:

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