



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 and control measures for January 2011

The plant protection measures to be undertaken by the farmers during the month of Jan. 2011, is given as follows:

I Paddy

In Ramanathapuram District in Paddy, caseworm and stem borer were found crossing Economic Threshold Level (ETL), hence farmers are advised to spray any one of the following insecticides: Chlorpyrifos 20 EC 500ml/acre or Profenophos 50 EC 400ml/acre. Rice Leaf folder is found crossing ETL in Ramanathapuram and Virudhunagar districts. Farmers are advised to spray any one of the following: 5% Neem seed kernel extract or Profenophos 50 EC or Chlorpyrifos 20 EC 500ml/acre. Incidence of Bacterial leaf blight and Bacterial leaf streak incidence were observed in Kanchipuram District. Farmers are advised to spray Copper hydroxychloride @2.5g/litre of water. Another threat was found in the form of False smut in Paddy in Ramanathapuram, Pudukkottai and Tiruvarur Districts. The affected grains are converted into yellow coloured smut balls. Hence, farmers are advised to give 1 or 2 sprays of Propiconazole or Carbendazim @1g in one litre of water.

In Pudukkottai, Sivagangai and Ramanathapuram Districts Blast disease incidence was found in Paddy. Hence, farmers may spray Tricyclazole @1g/litre of water.

In Ramanathapuram District, Brown spot incidence was found in Paddy. Hence, to control the disease, a combination of Carbendazim + Dithane M 45 @1g/litre of water, may be applied.

Sugarcane

Prevalence of Red rot disease in sugarcane was found in Sivagangai District. Hence, farmers are advised to remove the affected plants and drenching of Carbendazim 0.1% may be carried out in and around the affected area.

Cotton

In Salem District Fusarium wilt incidence was found in Cotton. To control this problem farmers are advised to remove the infected plants, and drenching with Carbendazim 0.1g/litre at the base of the affected plants as well as surrounding healthy plants is recommended.

Groundnut

In Virudhunagar District Tikka leaf spot was found in Groundnut. Farmers are advised to spray Carbendazim @1g/litre of water.

At Sivagangai District, Stem rot was found to occur. Farmers are advised to remove the affected plants and drench Carbendazim 0.1% in and around the affected area.

Redgram

In Sivagangai District, Root rot incidence was found in Redgram. Hence, to manage, spot drenching with Carbendazim @1g/litre at the base of the affected plants as well as surrounding healthy plants is recommended.

Coconut

Thanjavur wilt in Coconut was found to occur in Thanjavur District. Hence, farmers are advised to carry out root feeding of Calixin 5ml in 95ml of water. To manage Red palm weevil and Rhinoceros beetle damage in Ramanathapuram District, farmers are advised to install Pheromone traps @1/hectare. In addition, wherever severe incidence of Red palm weevil is noticed root feeding with Monocrotophos 10ml + water 10 ml is recommended. Another threat is found in the form of Stem bleeding incidence in Coconut. To overcome this problem farmers are advised to smear Bordeaux mixture paste over the infested area.

Parasitoid to manage papaya mealy bug

Papaya mealy bug is causing serious damage to crops *viz.* papaya, tapioca, mulberry and other vegetable and flower crops. To manage this pest, TNAU is mass producing the parasitoid, *Acerophagus papaye* in all the Colleges of TNAU located at Coimbatore, Madurai, Trichy, Killikulam, Periyakulam, Mettupalayam and Kumulur and all the 36 Research Stations and 14 Krishi Vigyan Kendras located in the entire state. The farmers can obtain the parasitoid at free of cost in nearby research stations of TNAU and release the same in the mealy bug infested fields. Successful establishment of the parasitoids was recorded in the areas where the parasitoids have already been released.

For further details contact:

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