



**TAMIL NADU AGRICULTURAL UNIVERSITY**  
Centre for Plant Protection Studies

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Sir,

Sub: Plant Protection – Pests Surveillance Programme –  
Forecasting for October 2020 – Regarding.

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I am pleased to send the pest status (of different crops) prevailing  
in various districts of Tamil Nadu for the month of October 2020.

  
**DIRECTOR (CPSS)**

Encl: a/a.

To

The Director of Agriculture,  
Chepauk, Chennai- 600 005.

Copy to:

Agricultural Production Commissioner and Principal Secretary to Government  
Secretariat, Chennai - 600 009  
Joint Director of Agriculture, All Districts  
Professor and Head, Dept. of Agrl. Entomology / Plant Pathology/Nematology,  
TNAU, Coimbatore  
Professor and Head, Dept. of Agro Climate Research Centre, TNAU, Coimbatore  
The Director of Research, TNAU, Coimbatore.  
The Director of Extension Education, TNAU, Coimbatore  
TPO to VC, TNAU, Coimbatore











0.2% or pyriproxifen @ 0.1% or thiamethoxam 25 WG @ 0.5g/l or cyantraniliprole 10.26 OD @1.8ml/lit. or Azadirachtin 0.03% at 10 days interval

### **Onion**

Onion thrips incidence was observed in Perambalur District. Farmers are advised to spray dimethoate 30 EC @ 200 ml/ac or fipronil 80 WG @ 30 g/ac or methyl demeton 25 EC @400 ml/ac.

In onion, leaf blotch disease is expected during this prevailing weather condition. Hence, the farmers are advised to spray mancozeb @2g /l or copper oxychloride @2.5 g/l or tebuconazole 25.9% m/m EC @ 1 g/l or metiram 55 % a.i. + pyraclostrobin 5 % a.i. @ 2 g/ l or tebuconazole 25.9% m/m EC @ 1 g/l or metiram 55 % a.i. + pyraclostrobin 5 % a.i. @ 2 g/ l and add Teepol @ 0.5 ml/l of spray fluid for managing the leaf blotch incidence.

In some onion growing areas basal rot was also observed due to the continuous rainfall. Hence, the farmers are advised to drain the excess water in the field and drenching with Copper oxy chloride @ 2.5g/l or Copper hydroxide @1g/l twice at 10 days interval.

### **Tuber crops**

#### **Potato**

In potato growing areas, bacterial wilt was observed due to the continuous rainfall. Hence, the farmers are advised to drench the field with streptomycin @ 200ppm or copper oxychloride 2.5g/l or copper hydroxide @ 2 g/l twice at 10 days interval.

#### **Tapioca**

Mealy bug incidence was observed in Salem (4-20 nos/ shoot) District. The farmers are advised to follow the practices as given below.

- Avoid selecting planting materials from the infested fields for further planting.
- Wherever irrigation facilities are available, frequent irrigation of fields to minimize mealy bug population and to improve the vigour and growth of plants.
- Collect and destroy the infested plants along with mealybug colonies to prevent further spread
- Proper sett treatment with chlorpyrifos 20 EC @ 2 ml per litre of water for 10 minutes before planting.
- In case of severe infestation, use azadirachtin 1500 ppm @ 1.0 lit/ac or thiamethoxam 25 WG @ 100 g/ac.
- Avoid spraying of same chemicals and combination products.





**Further contact:**

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