



## **ABSTRACT**

Disaster Management – Measures to control Tapioca Mealybug - Sanction a sum of Rs.54.459 lakhs from State Disaster Response Fund (SDRF) – Orders – Issued.

### **REVENUE AND DISASTER MANAGEMENT DEPARTMENT** **DISASTER MANAGEMENT WING, D.M.III (1) SECTION**

**G.O. (Ms) No.418**

**Dated: 12.08.2020**

சார்வரி-ஆடி 28 ,

திருவள்ளூர் ஆண்டு, 2051

**Read:**

1. G.O. (Ms) No.380, Revenue [DM.3(1)] Department, dated 27.10.2015.
2. G.O. (Ms) No.212, Revenue and Disaster Management [DM.3(1)] Department, dated 03.07.2019.

**Read also:**

3. From the Director of Horticulture and Plantation Crops, Chepauk, Chennai Letter No. MISC/1400/2020, Dated 28.05.2020.
4. Hon'ble Chief Minister of Tamil Nadu Press Note No.78 Dated 29.05.2020.
5. From the Principal Secretary / Commissioner of Revenue Administration, Letter No. N.C.2(2)/ 223/2020, Dated 29.05.2020

### **ORDER:**

In the letter third read above, the Director of Horticulture and Plantation Crops has stated that Tamil Nadu shares a special status in Tapioca / Cassava cultivation in the country with the highest productivity and production. Cassava is mainly cultivated in Namakkal, Villupuram, Salem, Dharmapuri, Erode, Cuddalore, Trichy, Kanyakumari districts and Papaya Mealybug (*Paracoccus marginatus*), Cassava scale, whitefly and Spiralling Whitefly are major pests which cause economic yield loss in Cassava crop. Acute summer and absence of rainfall further intensify the pest attack. Also, there is no alternate host in the field and hence, Cassava crop become more vulnerable to this pest attack. The Mealybug sucks the sap from the shoot tips, on the lower surface of the leaves and on stems causing deformation of terminal shoots with distorted and stunted stem, reduced internodes and compression of terminal leaves resulting in 'Bunchytop formation'.

2. He has further stated that it is essential to support farmers to control the menace of pest attack. The following plant protection measures can be interpreted.

- Avoid selecting setts from already infected field for new planting.
- Apply 250 kg of Neem cake per Ha at the time of planting.
- Immersion of Cassava cuttings in insecticide solution for 60 minutes.

[P.T.O]

- Collection and destruction of devastated plant parts to avoid further multiplication of pest.
- In already planted field, foliar spray of Azadirachtin 1500 ppm @ 2000 ml/Ha followed by Profenophos 50 EC @ 1000 ml/Ha at 15 days interval effectively controls the pest incidence.

So far, this mealybug infested Tapioca crop in an area of 3,112 Ha in Namakkal (1372 Ha), Salem (1050 Ha), Erode (440 Ha) and Kanyakumari (250 Ha). In order to support affected farmers, it is proposed to extend assistance for Insecticide spray as detailed below:-

Sl. No	particulars	Quantity of chemicals recommended per hectare (In ml)	Amount proposed per Hectare	Total area proposed for chemical spray	proposed amount (In Lakhs)
1.	Azadirachtin 1500 ppm	2,000	930	3,112	28.941
2.	Profenophos 50 % EC	1,000	820	3,112	25.518
<b>Total</b>			<b>1,750</b>		<b>54.459</b>

3. He further added that severity of the pest and yield loss Rs.1,750/Ha might be extended as assistance for taking up of plant protection measures and the following points will be confirmed while implementing the control measures:-

- (i) The farmer should submit the land and cultivation documents.
- (ii) Concerned ADH/HO/AHO should have inspected the affected field and give specific prescription to provide the chemical / extract.
- (iii) Geo tagged photographs of the affected field in the presence of farmer and field officials should be maintained.
- (iv) Field photographs should be taken during the process of spraying in the presence of AHO/HO/ADH and farmer.
- (v) The Assistance will be released directly to the farmer once the spray is completed and connected documents are furnished. (Land, prescription of HO/ADH, purchase voucher and certificate of completion of spraying).

4. The Director of Horticulture and Plantation Crops has requested that the Government to release an amount of Rs.54.459 lakhs to take measures of Tapioca Mealybug. The Agricultural Production Commissioner and Principal Secretary to Government, Agriculture Department has recommended the proposal of the Director of Horticulture and Plantation Crops and requested to sanction the amount of Rs.54.459 lakhs to control Tapioca Mealybug.

5. In the letter fifth read above, the Principal Secretary / Commissioner of Revenue Administration has stated that the proposals of the Director of Horticulture and Plantation Crops for releasing a sum of Rs.54.459 Lakhs towards the assistance for insecticide spray to control Tapioca Mealybug might be considered as a preventive measure.

[P.T.O]



6. The Government after careful examination, based on the report of Principal Secretary / Commissioner of Revenue Administration and based on the approval of State Executive Committee, accept the proposal of the Director of Horticulture and Plantation Crop, hereby accord to sanction a sum of Rs.54.459 lakhs [Rupees Fifty four lakhs forty five thousand and nine hundred only] from State Disaster Response Fund (SDRF) to control Mealybug infestation in Tapiaco.

7. The amount sanctioned in paragraph 6 above shall be debited to the following new Head of account:-

**"2245-Relief on account of Natural Calamities – 80-General - 800-Other Expenditure-State's Expenditure – AI-Disaster Preparedness/Preventive Measures to control Mealybug infestation in Tapioca – 309-Grants-in-Aid – 09-Others (OLD DPC 2245 80 800 AI 0996) (IFHRMS DPC 2245 80 800 AI 30909)"**

8. The Principal Secretary / Commissioner of Revenue Administration is the estimating, reconciliatory and controlling authority for the above new sub-head of account. The Treasury Officer / Pay and Accounts Officers concerned are requested to open the above new sub-head in the books.

9. Necessary additional funds will be provided in Revised Estimate / Final Modified Appropriation 2020-2021 to meet the expenditure sanctioned in paragraph 6 above. Pending provision of such funds, the Principal Secretary / Commissioner of Revenue Administration is authorized to draw and disburse the amount. This expenditure shall be brought to the notice of the Legislative Assembly by the way of Specific Inclusion in the Supplementary Estimates 2020-2021. The Principal Secretary / Commissioner of Revenue Administration is directed to include the expenditure sanctioned above, while sending the budget proposal of Revised Estimate / Final Modified Appropriation 2020-2021 and also send necessary explanatory notes for inclusion of this expenditure in the Supplementary Estimates 2020-2021 to Finance (BG.I/Revenue) Department at appropriate time without fail.

10. This order issues with the concurrence of Finance Department vide its U.O.No.19131/Finance(Revenue)/2020, dated 07.08.2020 with Additional Sanction Ledger No.332 (Three hundred and thirty two).

**(By order of the Governor)**

**ATULYA MISRA  
ADDITIONAL CHIEF SECRETARY TO GOVERNMENT**

**To**

**The Principal Secretary / Commissioner of Revenue Administration,  
Chepauk, Chennai-600 005.**

**The Director, Disaster Management,**

**Tamil Nadu Disaster Risk Reduction Agency, Chepauk, Chennai-600 005.**

**The Principal Accountant General, Chennai-600 018.**

[P.T.O]

The Pay and Accounts Officer (East), Chennai-600 008.  
The Pay and Accounts Officer (South), Chennai-600 035.  
The Pay and Accounts Officer (North), Chennai-600 001.  
The District Treasury Officers, Namakkal, Villupuram, Salem,  
Dharmapuri, Erode, Cuddalore, Trichy, Kanyakumari districts

**Copy to:**

The Additional Chief Secretary to Government,  
Home, Prohibition and Excise Department, Chennai-600009.  
The Additional Chief Secretary to Government,  
Finance Department, Chennai-600 009.  
The Principal Secretary to Government,  
Public Works Department, Chennai-600 009.  
The Principal Secretary to Government,  
Highways and Minor Port Department, Chennai-600 009.  
The Agriculture Production Commissioner/Principal Secretary to Government,  
Agriculture Department, Chennai-600 009.  
The Director of Horticulture and Plantation Crops, Chepauk, Chennai-600 005.  
The Collectors, Namakkal, Villupuram, Salem, Dharmapuri,  
Erode, Cuddalore, Trichy, Kanyakumari districts.  
The Senior Personal Assistant to Hon'ble Minister for Revenue and Disaster  
Management Department, Secretariat, Chennai-600 009.  
The Senior Private Secretary to Chief Secretary to Government,  
Secretariat, Chennai-600 009.  
The Principal Private Secretary to Additional Chief Secretary to Government,  
Revenue and Disaster Management Department, Chennai-600 009.  
The Finance (Revenue/BG-I/BG-II/W&M-I) Department, Chennai-600 009.  
The Revenue and Disaster Management (O.P.II), Department, Chennai-600 009.  
SF/SC.

// Forwarded by Order //

*M. Prasad*  
Section Officer. 13/08/2020

*B. N.*  
13/08/2020

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48.21  

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266.78