



Agromet Advisory Bulletin for Thiruvananthapuram district
Issued jointly by AMFU, RARS Vellayani, Kerala Agricultural University &
India Meteorological Department
Based on Ensemble Weather forecast by IMD



Bulletin No. TVM-AAS-31/2024

Standard Week No.16

Dated: 16.04.2024

A. Weather Summary of the Preceding standard week

| Rainfall | Max Temperature | Min Temperature | Relative Humidity | Evaporation |
|----------|-----------------|---------------------------|-------------------|-------------|
| 73.2 mm | 33.0 – 34.8C | 24.0– 24.9 ⁰ C | 72% -92% | 2.4 -5.0mm |

B. Weather forecast for the next 5 days in Thiruvananthapuram District

| PARAMETERS | 17/04/2024 | 18/04/2024 | 19/04/2024 | 20/04/2024 | 21/04/2024 |
|-------------------|------------|------------|------------|------------|------------|
| Rainfall (mm) | 1 | 0.5 | 1 | 2 | 0.5 |
| Max temp °C | 35 | 35 | 35 | 34 | 34 |
| Min temp °C | 27 | 27 | 27 | 26 | 26 |
| Max RH % | 94 | 94 | 94 | 94 | 94 |
| Min RH % | 61 | 61 | 61 | 61 | 61 |
| Wind speed (kmph) | 2 | 2 | 8 | 5 | 4 |
| Wind dir (deg) | 200 | 290 | 290 | 270 | 290 |
| Cloud cover | 8 | 8 | 8 | 8 | 8 |

Weather summary Alert

No extreme weather warning for Thiruvananthapuram district

General Advisory

Protect the livestock from direct sun. Avoid grazing during peak hours. Provide plenty of clean drinking water. Provide sufficient ventilation to maintain temperature. Lime application recommended on the lower trunks of coconut and arecanut palms. Provide mulching in coconut gardens.

SMS Advisory

Leaf hopper in cowpea - Nymphs and adults suck sap from tender parts. Characteristic hopper burn symptoms appear. Spray *Verticillium lecanii* 20 g/l

Crop specific advisory

| Crops | Crop specific advisory |
|--|--|
| Paddy | Rice bug-Weather conditions may favour the attack of rice bug in the field. If the bugs are seen in large numbers apply fish amino acid 20ml/l – done either before 9am or after 3pm in an encircling manner from outer to inner side |
| Coconut (Leaf blight) | Leaf blight -Yellowish brown spots with grey brown margins appear on leaflets causing extensive leaf blight. Remove the severely affected older leaves and burn it. Spray the crown with Bordeaux mixture 1% or Propiconazole 25 EC 2 ml/l |
| Banana Pseudostem borer | Pseudostem borer - Regularly remove dried hanging leaves of the plant. Uproot severely affected plants. Place Pseudostem traps in field and Place 50 gram neem cake powder in the leaf axils on 5th and 7th month. |
| Amaranthus | Leaf blight-Dilute and spray cow's urine or spray <i>Pseudomonas fluorescens</i> @ 20 g/l. |