



Agromet Advisory Service Bulletin for Thiruvananthapuram District

(Issued jointly by AMFU, RARS Vellayani, Kerala Agricultural University & India Meteorological Department)

Based on Ensemble Weather forecast by IMD



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SIGNIFICANT WEATHER FOR THE PRECEDING WEEK

| Rainfall(mm) | Max Temperature(°C) | Min Temperature(°C) | Relative Humidity (%) | Evaporation(mm) |
|--------------|---------------------|---------------------|-----------------------|-----------------|
| 9.0 | 32.4-33.0 | 23.5-24.0 | 61-95 | 0.2-3.6 |

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

| Weather parameters | 20/11/2024 | 21/11/2024 | 22/11/2024 | 23/11/2024 | 24/11/2024 |
|-------------------------------|------------|------------|------------|------------|------------|
| Rainfall (mm) | 1 | 2 | 0.1 | 0.1 | 0.1 |
| Maximum temperature(°C) | 34 | 33 | 33 | 32 | 32 |
| Minimum temperature (°C) | 25 | 25 | 25 | 25 | 25 |
| Maximum Relative Humidity (%) | 84 | 84 | 84 | 84 | 84 |
| Minimum Relative Humidity (%) | 72 | 72 | 72 | 72 | 72 |
| Wind speed (kmph) | 2 | 2 | 2 | 3 | 3 |
| Wind direction (deg) | 230 | 230 | 250 | 250 | 290 |
| Total cloud cover (octa) | 6 | 4 | 2 | 3 | 2 |

WEATHER SUMMERY ALERT :

There is a chance of very light rainfall in isolated places of the district. Cumulatively above normal rainfall is likely over Kerala.

GENERAL ADVISORY :

To manage pest and disease attacks on crops, taking preventive actions is crucial. Implementing proper mulching techniques helps to preserve soil moisture effectively

AGRO-METEOROLOGICAL ADVISORIES:

| Crop | Pest/ Disease | Advisory |
|----------------------|--------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Paddy | Blast disease | To control rice blast disease, spray fujian at the rate of 1.5 ml per liter of water(or) spray 1 ml of isoprothiolane per one liter of water (or) 4 g of trifloxystrobin + tebuconazole per 10 liters of water. At the onset of symptoms. |
| Cabbage/Caulif lower | Leaf-Eating Caterpillar | Leaf-eating caterpillars may attack cabbage and cauliflower. To control this, remove any affected leaves along with the caterpillars. If the infestation is severe, spray with a solution of 2 ml of Flubendiamide in 10 liters of water, or alternatively, use 3 ml of Chlorantraniliprole in 10 liters of water. |
| Brinjal | Fruit borer | To control fruit borer infestation in brinjal, remove and destroy the infested plant parts along with the pests. In case of severe infestation, spray Chlorantraniliprole at a concentration of 3 ml per 10 liters of water. |
| Animal Husbandry | Be alert for external parasites like ticks, flies, and lice. Make sure there are no rodents in or around the shed. | |