



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)
0	33.6-34.2	23.0-23.6	70-90	4.0-4.7

WEATHER FORECAST FOR THE NEXT FIVE DAYS

Weather parameters	02/04/2025	03/04/2025	04/04/2025	05/04/2025	06/04/2025
Rainfall (mm)	2	0.2	0.5	0.1	5
Maximum temperature(°C)	35	35	35	35	35
Minimum temperature (°C)	26	26	26	26	26
Maximum Relative Humidity (%)	85	85	85	85	85
Minimum Relative Humidity (%)	75	75	75	75	75
Wind speed (kmph)	3	3	3	8	6
Wind direction (deg)	230	200	200	270	290
Total cloud cover (octa)	8	8	8	6	8

WEATHER SUMMERY ALERT

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

GENERAL ADVISORY

Emergency measures should be taken to protect humans, plants, birds, and animals from extreme heat during the summer. To prevent dehydration, drink plenty of water at regular intervals. Due to increased evaporation and persistent dry conditions, ensure timely irrigation for crops and maintain adequate soil moisture levels.

AGRO-METEOROLOGICAL ADVISORIES

Crop	Pest/ Disease	Advisory
Chilli	Thrips	There is a possibility of thrips infestation on chili plants. To control this, spray a mixture of 2% neem oil and garlic extract on the underside of the leaves at intervals of 10 days. If the infestation is severe, mix 3 ml of Imidacloprid in 10 liters of water and spray
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.
Mango	Leaf cutting weevil	There is a likelihood of leaf-cutting weevils infesting mango trees. To manage this, spray neem oil at 3% or Neem Seed Kernel Extract (NSKE) at 5%. Additionally, apply neem cake at a rate of 5 kg per plant to the soil. In cases of severe infestation, spray quinalphos at 2 ml per liter of water for effective control.
Animal Husbandry		Assure increased ventilation in the cattle shed. Ensure sufficient supply of clean drinking water to the animals. Allow the animal to graze early in the morning or in the evening to avoid direct sunlight