



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)
2.0	33.4– 33.6	22.5-22.7	70-93	3.4 -4.8

WEATHER FORECAST FOR THE NEXT FIVE DAYS

Weather parameters	23/04/2025	24/04/2025	25/04/2025	26/04/2025	27/04/2025
Rainfall (mm)	0.2	0.5	2	0.5	1
Maximum temperature(°C)	35	35	35	35	35
Minimum temperature (°C)	27	27	27	27	27
Maximum Relative Humidity (%)	90	90	90	90	90
Minimum Relative Humidity (%)	70	70	70	70	70
Wind speed (kmph)	8	8	6	8	3
Wind direction (deg)	320	290	290	290	250
Total cloud cover (octa)	8	8	7	8	7

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

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
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.
Banana	Leaf-eating caterpillar	Leaf-eating caterpillars may infest banana plants. To control them, destroy the affected leaves along with the eggs, larvae, and pupae. Additionally, spray neem seed extract at a 5% concentration.
Cucurbitaceous Vegetables	Downy mildew	There is a chance of downy mildew attack in cucurbitaceous vegetables. Spray 2.5gm Mancozeb per one litre of water under the leaves.
Animal Husbandry		During periods of overcast or humid weather, avoid bathing the cow or washing the shed, as this can make the heat feel more intense. To improve comfort in the cattle shed, ensure good air circulation by using fans if necessary, keeping the sides open, and, if possible, increasing the roof height. Also, make sure that clean drinking water is readily available both in the shed and in the grazing areas.