



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	32.6-33.0	20.4-20.5	62-93	3.0-3.3

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	28/12/2024	29/12/2024	30/12/2024	31/12/2024	01/01/2025
Rainfall (mm)	0.2	0.1	0.1	0.1	0.1
Maximum temperature(°C)	34	34	33	33	33
Minimum temperature (°C)	23	23	23	23	23
Maximum Relative Humidity (%)	88	88	88	88	88
Minimum Relative Humidity (%)	73	73	73	73	73
Wind speed (kmph)	4	2	2	4	2
Wind direction (deg)	230	230	250	250	270
Total cloud cover (octa)	7	5	5	6	6

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
Rice	Stem borer and Leaf folder	To control leaf folder, use <i>Trichogramma chilonis</i> cards, and for stem borer control, use <i>Trichogramma japonicum</i> cards. For one acre of paddy field, use 2 CC Trichogramma cards each, cut them into small pieces, and place them in various parts of the field using plastic cups. In case of severe infestation, spray 3 ml of chlorantraniliprole dissolved in 10 liters of water.
Chilli	Mite	In dry and cold weather conditions, chillies may be susceptible to mite infestation. To manage this, mix 8 ml of spiromesifen in 10 liters of water and spray the solution
Tomato	Whitefly	Since dry weather condition is prevailed, there is a chance of white fly attack in tomato, apply 2% neem oil+ garlic emulsion under the leaf surface at 10 days intervals. If the attack is severe, apply Thiamethoxam 4 gram per ten litre of water.
Animal Husbandry		Store cattle feed bags on wooden or iron planks. If moisture mixes with the cattle feed, it can lead to deadly fungal toxin contamination.