



Agromet Advisory Service Bulletin for Pathanamthitta District

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

Based on Ensemble Weather forecast by IMD



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WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	29/01/2025	30/01/2025	31/01/2025	01/02/2025	02/02/2025
Rainfall (mm)	0	0.1	0.3	0.2	0.1
Maximum temperature(°C)	33	33	33	33	33
Minimum temperature (°C)	21	21	21	21	21
Maximum Relative Humidity (%)	91	91	91	91	91
Minimum Relative Humidity (%)	55	55	55	55	55
Wind speed (kmph)	3	12	10	8	8
Wind direction (deg)	80	90	80	90	90
Total cloud cover (octa)	3	6	8	8	7

WEATHER SUMMERY ALERT :

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

GENERAL ADVISORY :

To prevent dehydration, drink plenty of water at regular intervals. As evaporation increases and dry atmospheric conditions persist, ensure timely irrigation for crops and maintain adequate soil moisture levels.

AGRO-METEOROLOGICAL ADVISORIES:

Crop	Pest/ Disease	Advisory
Paddy	Rice bug	To control rice bug attacks in paddy, spray 2 ml of Malathion or 10 ml of Azadirachtin per liter of water. Apply the pesticides either before 9 a.m. or after 3 p.m. to avoid adverse effects on pollination.
Tomato	White fly	In tomato plants, there is a chance of whitefly infestation. Spray a 2% neem oil-garlic emulsion or apply 20 grams of <i>Lecanicillium lecani</i> per liter of water at intervals of ten days. If the infestation is severe, mix 4 grams of Thiamethoxam in 10 liters of water and spray.
Chilly	Thrips	In chili plants, there is a chance of thrips infestation. To control this, spray a 2% neem oil-garlic mixture on the underside of the leaves at ten-day intervals. If the infestation is severe, mix 3 ml of Imidacloprid in 10 liters of water and spray.
Animal Husbandry		Ensure sufficient supply of clean drinking water to the animals. Deworm the animals after dung examination. Vaccinate animals against foot and mouth disease