



## Agromet Advisory Bulletin for PALAKKAD District

(Valid from 13.12.2025 to 17.12.2025)

*Prepared by the Department of Agricultural Meteorology, Kerala Agricultural University, COA, Vellanikkara  
based on the medium range weather forecast of India Meteorological Department (IMD), New Delhi*

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### A. Medium range weather forecast of IMD for next five days

Weather parameters	13.12.2025	14.12.2025	15.12.2025	16.12.2025	17.12.2025
Rainfall (mm)	0	0	0	0	0
Maximum temperature (°C )	31	31	31	31	31
Minimum temperature (°C )	24	24	24	24	24
Maximum Relative Humidity (%)	70	70	70	70	70
Minimum Relative Humidity (%)	55	55	55	55	55
Wind speed (kmph)	3	3	3	3	4
Wind direction (deg)	90	90	90	70	50
Total cloud cover (octa)	3	2	2	2	5

**Weather summary / Alert:** - Since dry weather condition is prevailed, irrigation of crops can be continued as per requirement. Below normal rainfall is expected in Kerala.

### B. Agrometeorological Advisories for crop protection & management

#### General and Agrometeorological Advisories for Palakkad District

**General Advisory:** - Since the chances of pest and disease development is higher, field should be monitored regularly and try to control the pest and disease infection at the early stage itself. It is better to manage the pest and diseases by the nearby farmers together to avoid further development of the same attack.

Crop	Pest/ Disease, Crop Management	Agromet Advisory
Rice (Mundakan) Panicle initiation stage	Lakshmi disease	In those rice fields where the weather is cloudy and the plants are in booting stage, management measures can be adopted as a precaution against false smut disease which will be affecting during panicle initiation. For this, spray Propiconazol at 1 ml/L of water. Also destroy the straw and stubble from the infected plants.
Vegetables	Powdery mildew	To manage powdery mildew disease of vegetables, spray wettable Sulfur at 2g per litre of water. Since there is increased chances of scorching in cucurbits due to the spraying of sulfur during higher temperature conditions, care should be taken to spray the same only during evening hours.
Mango	Mango hopper	Since the mango flowering is just started, spray 1% Azadirachtin at 2ml per liter of water to control the attack of mango hopper as well as caterpillars affecting the inflorescence in mango.

**Animal Husbandry:** - Take precautions to avoid ectoparasitic infestation. Care should be taken to prevent rat breeding in the premises of cattle shed to prevent leptospirosis. (CAADECCS, KVASU, Mannuthy).