



Agromet Advisory Bulletin for PALAKKAD District

(Valid from 17.01.2026 to 21.01.2026)

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	17.01.2026	18.01.2026	19.01.2026	20.01.2026	21.01.2026
Rainfall (mm)	0	0	0	0	0
Maximum temperature (°C)	33	33	33	33	33
Minimum temperature (°C)	25	25	25	25	25
Maximum Relative Humidity (%)	85	85	85	85	85
Minimum Relative Humidity (%)	65	65	65	65	65
Wind speed (kmph)	4	3	4	3	3
Wind direction (deg)	70	50	70	70	70
Total cloud cover (octa)	3	3	3	2	3

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

B. Agrometeorological Advisories for crop protection & management

General and Agrometeorological Advisories for Palakkad District

General Advisory: - As there is comparatively dry condition, conserve the soil moisture in the field by mulching the basins using straw, dry leaves, coconut fronts, cover crops etc.

Crop	Pest/ Disease, Crop Management	Agromet Advisory
Rice (Mundakan) Dough stage	Bacterial leaf blight	If cloudy condition is prevailed, there is a chance for the development of bacterial leaf blight disease in paddy field. If the bacterial leaf blight disease is noticed in the main field, put small pouch of bleaching powder at 2kg per acre in the main field water. If the disease becomes severe, spray a solution of streptocyclin at 2g per 10 litter of water.
Banana	Sigatoka disease	Due to increase in atmospheric temperature, Spray pseudomonas at 20g/L against sigatoka disease of banana. If there is severe attack, spray 1ml/L solution of propiconazole.
Tomatto	Sucking pests	Due to increase in atmospheric temperature, there is a chance for the attack of sucking pests in vegetables. They can be controlled by applying 2% neem oil emulsion once in a week or by spraying Lecanicillium lecanii at 20 gm per litre of water.

Animal Husbandry: - Timely deworming and vaccination should be done.