



Agromet Advisory Bulletin for PALAKKAD District

(Valid from 25.06.2025 to 29.06.2025)

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	25.06.2025	26.06.2025	27.06.2025	28.06.2025	29.06.2025
Rainfall (mm)	10	10	20	15	8
Maximum temperature (°C)	29	29	29	29	29
Minimum temperature (°C)	23	23	23	23	23
Maximum Relative Humidity (%)	95	95	95	95	95
Minimum Relative Humidity (%)	80	80	80	80	80
Wind speed (kmph)	10	10	10	15	12
Wind direction (deg)	230	230	200	230	230
Total cloud cover (octa)	8	7	8	8	8

Weather summary / Alert: -. As per the forecast of IMD, there is a chance of moderate rainfall in the district. Thunderstorm accompanied by lightning and gusty winds is very likely to occur at one or two places over Kerala on 24 th to 27 th June 2025. Normal to 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 (virippu)	Sowing/Transplantig	Time of land preparation in paddy fields, 140 kg of lime can be applied per acre. During rainy period, there is a chance of sheath blight, sheath rot, leaf spot disease etc. As a prophylactic measure, either soak one kg of paddy seeds or dip root of seedlings in a solution of Pseudomonas culture @10gram of Pseudomonas culture per one litre of water for 30 minutes.
Banana	Management	Apply PGPR mix I (50-100g per pit) along with 5kg organic manure only after ensuring enough soil moisture in the field. Application of groundnut cake, 5kg per pit, is best suitable for banana plantations. Applying neem cake as split doses will make the plant efficient for pest and disease control. Panchagavya (3%) can be sprayed on the leaves 3, 6, 9 and 10 months after planting banana. Organic manures can be applied 2nd and 4th months after planting as equal split doses. Seeds of pulses also can be sown in the inter spaces which will be incorporated in the soil on 40th day of sowing. All these will enhance the growth and; pest and disease control.
Coconut	Management	For those soils with high acidity, in addition to chemical fertilizers apply 1 kg lime or dolomite at the basin during April –May month per annum before fertilizer application. After two weeks, apply 25 kg organic fertilizer and 5 kg neem cake per palm. The one third portion of fertilizers such as 400g urea, 600g rock phosphate and 700g MOP should be applied during May- June while two third portion during September -October. Apply these organic fertilizer and the chemical fertilizers in the trenches taken around the palm at 2 meter width from the base.

Animal Husbandry: The recommended area for one goat is 1m² while preparing the goat shed. However, when this is not the case, respiratory infections occur during the monsoon season when they are overcrowded. It is characterized by a thick white and yellowish liquid coming out of the mouth and nose. If you notice any of these symptoms, be sure to seek appropriate treatment immediately.