



Agromet Advisory Bulletin for PALAKKAD District

(Valid from 13.09.2025 to 17.09.2025)

*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	13.09.2025	14.09.2025	15.09.2025	16.09.2025	17.09.2025
Rainfall (mm)	0.1	0.3	0.2	0.2	3
Maximum temperature (°C)	33	33	33	33	33
Minimum temperature (°C)	25	25	25	25	25
Maximum Relative Humidity (%)	90	90	90	90	90
Minimum Relative Humidity (%)	75	75	75	75	75
Wind speed (kmph)	3	3	3	3	3
Wind direction (deg)	230	230	230	230	250
Total cloud cover (octa)	7	8	7	8	8

Weather summary / Alert: - As per the forecast of IMD, there is a chance of light rainfall in the district. Below normal rainfall is expected in Kerala.

B. Agrometeorological Advisories for crop protection & management

General and Agrometeorological Advisories for Palakkad District

General Advisory: - Spraying and fertilizer application should be done during clear weather conditions. 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) Milky stage	Rice Bug	There is a chance of rice bug attack in paddy field. To control this, spray a solution of fish amino acid at 20ml per liter of water at this stage.
Arecanut and Coconut	Mahali	Because of high moisture content in the atmosphere, there is a chance for the development of mahali disease in arecanut and coconut. In this disease, rotting of the nuts starts from the perianth and extending to affect whole portion. Finally, shedding of the immature nuts will happen and scattered shedded nuts at the base of the plant will be completely rotted. For managing this, spraying should be done with copper oxy chloride at 3g per liter of water.
Amaranthus	Leafspot	Leafspot disease is noticed in the red amaranth varieties. To control this, Dissolve 40g asafoetida in 10 L of water. To this, add a well-mixed combination of 8g baking soda and 32g turmeric powder. Spray this solution on both the sides of amaranth leaves on particular intervals. Also plant some green varieties in between them. While irrigating the crop, care should be taken to pour the water on the basins alone without touching the leaves. Apply Trichoderma in the soil.

Animal Husbandry: Clean the cattle shed and its surroundings to avoid the situation of water stagnation to make it free from mosquitoes. Cover the cow dung pit properly from direct rainfall.