



Gramin Krishi Mausam Sewa
Agromet Advisory Bulletin for PALAKKAD District
Kerala Agricultural University
 Vellanikkara, Thrissur, Kerala



Agromet Advisory Bulletin

Date : 2025-06-24

Weather Forecast of District PALAKKAD (Kerala) Issued On : 2025-06-24 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-06-25	2025-06-26	2025-06-27	2025-06-28	2025-06-29
Rainfall(mm)	10.0	10.0	20.0	15.0	8.0
Tmax(°C)	29.0	29.0	29.0	29.0	29.0
Tmin(°C)	23.0	23.0	23.0	23.0	23.0
RH-I(%)	95	95	95	95	95
RH-II(%)	80	80	80	80	80
Wind Speed(kmph)	10	10	10	15	12
Wind Direction(Degree)	230	230	200	230	230
Cloud Cover(Octa)	8	7	8	8	8
Warning	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Heavy Rain; Strong Surface Winds	Strong Surface Winds

Forecast Summary:

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.

Weather Warnings (Valid Till 08:30 IST of the next day)

Thunderstorms & Lightning, Squall etc; Strong Surface Winds

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

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

General Advisory:

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.

SMS Advisory:

As per the forecast of IMD, there is a chance of moderate rainfall in the district.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Planting)	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.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
BANANA (Vegetative)	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 (Vegetative)	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.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
GOAT	Animal Husbandry: The recommended area for one goat is 1m ² 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.

Likely impacts of weather warnings (General)

Heavy rains may cause flooding in the lowlands. Heavy rainfall results in the flooding of the cropped field which damages the crop in the maturity stage. High winds cause lodging of the banana plants. Those vegetables in pandals will be damaged due to high winds.

Impact based advisories (General)

Harvest the crop as early as possible. Provide proper drainage in the cropped field as heavy rainfall is expected. Propping of the banana plants recommended. Additional support of the pandals recommended. Keep away from open fields to avoid lightning stroke to livestock and farmers in the afternoon. Livestock / Poultry / Fishery: Keep the animals inside the shed during heavy rainfall / hailstorm and provide them balanced feed.

Farmers are advised to download Unified “Mausam” and "Meghdoot" android application on mobile for Weather forecast and weather based Agromet Advisories and "Damini" android application for forecast of Thunderstorm and lightening.

Mausam MobileApp link: <https://play.google.com/store/apps/details/>

Meghdoot MobileApp link: <https://play.google.com/store/apps/details>

Damini MobileApp link : <https://play.google.com/store/apps/details>