


Gramin Krishi Mausam Sewa

Agromet Advisory Bulletin for PALAKKAD District

Kerala Agricultural University

Vellanikkara, Thrissur, Kerala



Agromet Advisory Bulletin

Date : 2025-05-20

Weather Forecast of District PALAKKAD (Kerala) Issued On : 2025-05-20 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-05-21	2025-05-22	2025-05-23	2025-05-24	2025-05-25
Rainfall(mm)	15.0	5.0	2.0	20.0	10.0
Tmax(°C)	32.0	33.0	33.0	33.0	33.0
Tmin(°C)	24.0	25.0	25.0	25.0	25.0
RH-I(%)	90	90	90	90	90
RH-II(%)	85	85	85	85	85
Wind Speed(kmph)	10	13	12	8	10
Wind Direction(Degree)	270	230	230	250	250
Cloud Cover(Octa)	8	6	7	8	8
Warning	Heavy Rain; Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Heavy Rain; Thunderstorms & Lightning, Squall etc; Strong Surface Winds	No Warning	No Warning	Heavy Rain

Forecast Summary:

As per the forecast of IMD, there is a chance of light rainfall in the district and Moderate rainfall is expected in isolated places. Thunderstorm accompanied by lightning and gusty winds is very likely to occur at one or two places over Kerala from 20th to 24th May 2025. Normal to Above normal rainfall is expected in Kerala.

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

Heavy Rain; Thunderstorms & Lightning, Squall etc; Strong Surface Winds

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Proper drainage facilities have to be ensured. If the soil is more acidic, add lime as per soil testing. Pesticides should not be applied during rainy period.

General Advisory:

General Advisory: - Special crop management is required for agricultural crops before monsoon season. Proper drainage facilities have to be ensured. If the soil is more acidic, add lime as per soil testing. Pesticides should not be applied during rainy period.

SMS Advisory:

As per the forecast of IMD, there is a chance of light rainfall in the district and Moderate rainfall is expected in isolated places.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Planting)	Rice (virippu) -Land preparation -Land preparation and nursery for virippu paddy (Rainfed) can be started.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
COCONUT (Vegetative)	Coconut- Fertilizer application -Fertilizers can be applied in the open basins of those coconut plantations which was already applied with lime.Green manures can be incorporated at this time.
BANANA (Vegetative )	Banana -Pseudostem weevil- Against pseudostem weevil attack spray Nanna 5% at 50ml per liter covering the whole plant when the plant attains 4-5 months after planting. Before spraying, clean the plant by removing dried and drooping leaves. If the infestation is noticed, inject Menma at 5ml per injection at three locations around the infestation point.
BLACK PEPPER (Vegetative )	Pepper -Quick wilt- During rainy season, as a prophylactic measure to control quick wilt of pepper, add 2 kg Trichoderma to a mixture of 90 kg FYM and 10 kg neem cake and kept for two weeks with sufficient moisture. Add 2.5 kg of this mixture to the base of each matured pepper vine. If the attack is severe, drench the basin of each plant with three gram Copper Oxy Chloride (COC) per one litre of water.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
COW	Animal Husbandry: - Deworm the animals after dung examination. Care should be taken to prevent rat breeding in the premises of cattle shed to prevent leptospirosis. (CAADECCS, KVASU, Mannuthy).

Likely impacts of weather warnings (General)

Thunderstorm accompanied by lightning and gusty winds is very likely to occur at one or two places over Kerala from 20th to 24th May 2025.

Impact based advisories (General)

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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>