


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



Agromet Advisory Bulletin

Date : 2025-05-16

Weather Forecast of District PALAKKAD (Kerala) Issued On : 2025-05-16 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-05-17	2025-05-18	2025-05-19	2025-05-20	2025-05-21
Rainfall(mm)	3.0	1.0	7.0	1.0	2.0
Tmax(°C)	35.0	35.0	33.0	32.0	32.0
Tmin(°C)	24.0	24.0	24.0	23.0	24.0
RH-I(%)	85	85	95	95	95
RH-II(%)	95	95	90	90	90
Wind Speed(kmph)	10	8	3	6	8
Wind Direction(Degree)	250	230	250	250	230
Cloud Cover(Octa)	8	8	8	8	8
Warning	Heavy Rain; Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Heavy Rain; Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Heavy Rain; Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Heavy Rain; Thunderstorms & Lightning, Squall etc; Strong Surface Winds

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.

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

Proper mulching can be followed to conserve soil moisture.

General Advisory:

General Advisory: - Proper mulching can be followed to conserve soil moisture. Since air temperature is increasing, it is a desirable practice to bury fresh or dried coconut husk in the coconut basin to conserve soil moisture

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. Normal to Above normal rainfall is expected in Kerala.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Planting)	Rice (virippu)- Management- Since summer rains are received. It is recommended to sow dhaincha seeds in the paddy field before virippu planting.
RICE (Harvesting)	Puncha rice-(Harvestingstage) -Management- Before the onset of monsoon rain, the paddy crop, which attained maturity stage can be harvested as early as possible.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
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 portions 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.
BRINJAL (Stoff Dough)	Vegetables -Sucking pest- 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 lecani at 20 gm per 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 (speed reaching 30-40 Kmph) is very likely to occur at one or two places over Kerala from 16 th to 20 th 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>