



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



Agromet Advisory Bulletin

Date : 2025-05-13

Weather Forecast of District PALAKKAD (Kerala) Issued On : 2025-05-13 (Valid Till 08:30 IST of the next 5 days)

| Parameter | 2025-05-14 | 2025-05-15 | 2025-05-16 | 2025-05-17 | 2025-05-18 |
|------------------------|---|---|------------|------------|------------|
| Rainfall(mm) | 2.0 | 4.0 | 4.0 | 2.0 | 2.0 |
| Tmax(°C) | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 |
| Tmin(°C) | 27.0 | 27.0 | 27.0 | 27.0 | 27.0 |
| RH-I(%) | 80 | 80 | 80 | 80 | 80 |
| RH-II(%) | 55 | 55 | 55 | 55 | 55 |
| Wind Speed(kmph) | 8 | 3 | 12 | 12 | 8 |
| Wind Direction(Degree) | 230 | 250 | 200 | 230 | 230 |
| Cloud Cover(Octa) | 8 | 8 | 7 | 8 | 8 |
| Warning | Thunderstorms & Lightning, Squall etc; Strong Surface Winds | Thunderstorms & Lightning, Squall etc; Strong Surface Winds | No Warning | No Warning | No Warning |

Forecast Summary:

Weather summary / Alert: -. As per the forecast of IMD, there is a chance of light rainfall in the district. Thunderstorm accompanied by lightning and gusty winds (speed reaching 40-50 Kmph) is very likely to occur at one or two places over Kerala on 13th and 14th May 2025. 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

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 around the palm to conserve soil moisture.

SMS Advisory:

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

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-(Harvesting stage)- 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. |
| CHILLI (Flowering) | 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 40-50 Kmph) is very likely to occur at one or two places over Kerala on 13th and 14th 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>