



### Agromet Advisory Bulletin

Date : 2025-05-13

Weather Forecast of District ERNAKULAM (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)	9.0	6.0	4.0	4.0	4.0
Tmax(°C)	33.0	33.0	33.0	33.0	33.0
Tmin(°C)	26.0	26.0	26.0	26.0	26.0
RH-I(%)	80	80	80	80	80
RH-II(%)	70	70	70	70	70
Wind Speed(kmph)	12	8	10	12	8
Wind Direction(Degree)	290	290	320	320	320
Cloud Cover(Octa)	8	8	7	8	8
Warning	Heavy Rain; 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(Pokkali)- Management- After strengthening the outer bunds, setting the sluices and drying the field, farmers can start preparing mounds and seeds can also be procured.
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.
NUTMEG (Vegetative )	Tree crops -Pink disease- Bordeaux mixture to be sprayed after summer showers to prevent the disease.

#### Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
BRINJAL (Soft Dough)	Vegetables -Sucking pests- Due to increase in atmospheric temperature, Spraying of <i>Leccanicilium leccani</i> 20 g / L at weekly intervals to be done from the initial stage of infestation. Higher population of the pests can be suppressed by spraying Neem based insecticides or Dimethoate 30 EC (1.5 ml / L) or Thiamethoxam 20 WG (2g / 10 L). The spray fluid should be directed towards either side of leaves. In the case of mealy bugs, white flies etc., spraying of soap solution to be done before the application of chemicals to dissolve the waxy covering.

#### 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>