


Gramin Krishi Mausam Sewa

Agromet Advisory Bulletin for ERNAKULAM District

Kerala Agricultural University

Vellanikkara, Thrissur, Kerala



Agromet Advisory Bulletin

Date : 2025-05-27

Weather Forecast of District ERNAKULAM (Kerala) Issued On : 2025-05-27 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-05-28	2025-05-29	2025-05-30	2025-05-31	2025-06-01
Rainfall(mm)	60.0	50.0	60.0	70.0	65.0
Tmax(°C)	29.0	29.0	29.0	29.0	29.0
Tmin(°C)	24.0	24.0	24.0	24.0	24.0
RH-I(%)	90	90	90	90	90
RH-II(%)	80	80	80	80	80
Wind Speed(kmph)	15	14	15	18	15
Wind Direction(Degree)	290	290	290	270	290
Cloud Cover(Octa)	8	8	8	8	8
Warning	Very Heavy Rain; Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Very Heavy Rain; Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Very Heavy Rain; Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Very Heavy Rain	Heavy Rain

Forecast Summary:

Weather summary / Alert: -. As per the forecast of IMD, there is a chance of heavy rainfall in the district. Thunderstorm accompanied by lightning is very likely to occur at one or two places over Kerala from 27th to 29th May 2025. Strong Surface winds with speed reaching 50-60 kmph likely to prevail occasionally over Kerala from 27th to 29th May 2025. Above normal rainfall is expected in Kerala.

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

Very 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. Fertilizer and pesticides should not be applied during rainy period.

General Advisory:

General Advisory: - Special crop management is required for agricultural crops during monsoon season. Proper drainage facilities have to be ensured. If the soil is more acidic, add lime as per soil testing. Fertilizer and pesticides should not be applied during rainy period. Provide supports to banana crops. Make the vegetable pandals stronger. To protect farmers and livestock from lightning and thunder avoid standing in open areas.

SMS Advisory:

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

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Planting)	Rice (virippu)- Land preparation- Due to heavy rainfall, postpone land preparation and nursery work.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
BANANA (Vegetative)	Banana- All Stages- Due to heavy rainfall Proper drainage facilities have to be ensured. Propping should be done to protect banana plants from heavy rain and wind
COCONUT (Vegetative)	Coconut -All Stages- Due to heavy rainfall Proper drainage facilities have to be ensured. Open the basin of coconut palms to hold rain water. Application of plant protection chemicals can be postponed.
BITTER GOURD (Vegetative)	Vegetables- All Stages -Due to heavy rainfall Proper drainage facilities have to be provided for vegetables since heavy rains expected. Staking is recommended for vegetables in pandals. Application of plant protection chemicals can be postponed.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
COW	Animal Husbandry: Cattle feed should be stored on a wooden board or iron board. If moisture is in the cattle feed it may cause deadly fungal growth. Animals should not be allowed to go to water logged areas in order to avoid anthrax and foot lesions. Since there is a chance of mixing of contaminated water in water resources, apply disinfectants available in the market as per manufacturer's instructions. (CAADECCS, KVASU, Mannuthy)

Likely impacts of weather warnings (General)

Thunderstorm accompanied by lightning is very likely to occur at one or two places over Kerala from 27th to 29th May 2025. Strong Surface winds with speed reaching 50-60 kmph likely to prevail

occasionally over Kerala from 27th to 29th May 2025.

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

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>