



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



Agromet Advisory Bulletin

Date : 2025-07-18

Weather Forecast of District ERNAKULAM (Kerala) Issued On : 2025-07-18 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-07-19	2025-07-20	2025-07-21	2025-07-22	2025-07-23
Rainfall(mm)	35.0	50.0	40.0	20.0	12.0
Tmax(°C)	27.0	27.0	27.0	27.0	27.0
Tmin(°C)	24.0	24.0	24.0	24.0	24.0
RH-I(%)	90	90	90	90	90
RH-II(%)	85	85	85	85	85
Wind Speed(kmph)	4	4	4	3	2
Wind Direction(Degree)	320	320	290	290	290
Cloud Cover(Octa)	8	8	8	8	8
Warning	Very Heavy Rain; Strong Surface Winds	Very Heavy Rain; Strong Surface Winds	Heavy Rain; Strong Surface Winds	Heavy Rain; Strong Surface Winds	Heavy Rain; Strong Surface Winds

Forecast Summary:

Weather summary / Alert: -. As per the forecast of IMD, there is a chance of moderate rainfall in the district and heavy rainfall in isolated places. Strong winds speed reaching likely to prevail occasionally over Kerala from 18th to 21st July 2025. Above normal rainfall is expected in Kerala.

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

Very Heavy Rain; Strong Surface Winds

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Strong winds speed reaching likely to prevail occasionally over Kerala from 18th to 21st July 2025

General Advisory:

General Advisory: -Special crop management is required for agricultural crops during monsoon season. Proper drainage facilities have to be ensured. Pesticides should not be applied during rainy period. Provide supports for the bananas. Make the vegetable pandals stronger.

SMS Advisory:

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

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Seedling Growth)	Paddy (Pokkali)-Seedling satge- Leaf folder- Due to high humidity, there is chance of rice leaf folder incidence. Thoroughly monitor the field and take management actions during the initial stage of infestation itself. Trichocards of Trichogramma japonicum and T. chilonis each @ 1 lakh/ha along with Beauveria bassiana @10 gm/l spray can be done.
RICE (Seedling Growth)	Paddy(Virippu) -Seedling stage- Bacterial leaf blight- There is chance of bacterial leaf blight infestation in rice. As a prophylactic measure, spray 20 g Pseudomonas in one litre of water.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
COCONUT (Vegetative)	Coconut- Bud rot -Improve general condition of the palm by manuring and management. Clean the crown and remove rotten portions. Spray crowns and leaves with 1 % Bordeaux mixture as a prophylactic measure. For already infected palms, small perforated sachets containing 5 g Mancozeb may be tied to the top crown portion and 3 or 4 inner most leaf axils.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
COW	Animal Husbandry: Animals should not be allowed to go to water logged areas in order to avoid anthrax and foot lesions. 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)

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. Livestock / Poultry / Fishery: Keep the animals inside the shed during heavy rainfall / hailstorm and provide them balanced feed.
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Impact based advisories (General)

Heavy rains may cause flooding in the lowlands. Heavy rainfall results in the flooding of the cropped field which damages the crop in the maturity stage. High winds cause lodging of the banana plants. Those vegetables in pandals will be damaged due to high winds.

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>