



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



Agromet Advisory Bulletin

Date : 2025-09-12

Weather Forecast of District ERNAKULAM (Kerala) Issued On : 2025-09-12 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-09-13	2025-09-14	2025-09-15	2025-09-16	2025-09-17
Rainfall(mm)	0.2	0.3	0.4	0.3	1.0
Tmax(°C)	30.0	30.0	30.0	30.0	30.0
Tmin(°C)	26.0	26.0	26.0	26.0	26.0
RH-I(%)	85	85	85	85	85
RH-II(%)	75	75	75	75	75
Wind Speed(kmph)	8	3	3	4	3
Wind Direction(Degree)	340	270	270	320	290
Cloud Cover(Octa)	8	8	8	8	8
Warning	No Warning	No Warning	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. Below normal rainfall is expected in Kerala.

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

Thunderstorms & Lightning, Squall etc

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Proper drainage facilities have to be ensured. 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. Provide supports for the bananas. Make the vegetable pandals stronger. Pesticides should not be applied during rainy period.

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 (Millking)	Paddy (Pokkali)- Purple moorhen- Strategies to manage purple moorhen is very essential in pokkali ecosystem like using nets, reflective ribbons (red and silver) or by erecting rope grids over the canopy.

Crop (Stage)	Crop Specific Advisory
RICE (Millking)	Paddy (Virippu)- Bacterial leaf blight- During rainy season, 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
TAPIOCA (Planting)	Cassava- Foot rot -Thoroughly drain the field. Strict sanitation by removing and burning infected plants; crop rotation with suitable crops in two years; ensure good drainage; apply lime @ 150-250 g per plant two weeks before planting; application of neem cake 20 g per plant; application of 1 Kg Trichoderma enriched farm yard manure/compost; Sett treatment with Carbendazim (0.1%) or combination of Carbendazim and mancozeb (0.2%) for 10 minutes; Drenching same fungicides starting from planting three times at 15 days interval.
BANANA (Vegetative)	Many crops- Giant African Snail- Copper sulphate 3g/ litre or Copper Oxy Chloride 3g/litre or mixture of copper sulphate solution and tobacco decoction can be sprayed on crops. If the population is less, bleaching powder or copper sulphate can be applied around the basins. Overnight traps can be set using papaya leaves and or cabbage leaves and covered with wet gunny bags or jute bag pieces, destroy the trapped snails using common salt. Remove and expose the damaged bark near bases and spray Carbosulphan 0.25% or 10% Bordeaux paste can be painted on the stem base;

Fisheries Specific Advisory:

Fisheries	Fisheries Specific Advisory
COMMON FISH	Fisheries: - Rice research Station, Vyttila (Kerala Agricultural University) is having facilities to test water quality parameters of fish culture ponds.

Likely impacts of weather warnings (General)

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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>