



Agromet Advisory Bulletin

Date : 2025-05-20

Weather Forecast of District ERNAKULAM (Kerala) Issued On : 2025-05-20 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-05-21	2025-05-22	2025-05-23	2025-05-24	2025-05-25
Rainfall(mm)	15.0	2.0	1.0	27.0	14.0
Tmax(°C)	32.0	32.0	32.0	32.0	32.0
Tmin(°C)	23.0	25.0	25.0	26.0	26.0
RII-I(%)	95	90	80	80	80
RII-II(%)	75	75	75	75	75
Wind Speed(kmph)	10	3	3	4	3
Wind Direction(Degree)	340	270	230	230	270
Cloud Cover(Octa)	8	7	8	8	8
Warning	Heavy Rain; Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Heavy Rain; Thunderstorms & Lightning, Squall etc; Strong Surface Winds	No Warning	No Warning	Very Heavy Rain

Forecast Summary:

As per the forecast of IMD, there is a chance of light rainfall in the district and Moderate rainfall is expected in isolated places. Thunderstorm accompanied by lightning and gusty winds is very likely to occur at one or two places over Kerala from 20th to 24th May 2025. Normal to Above normal rainfall is expected in Kerala.

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

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. Pesticides should not be applied during rainy period.

General Advisory:

General Advisory: - Special crop management is required for agricultural crops before monsoon season. Proper drainage facilities have to be ensured. If the soil is more acidic, add lime as per soil testing. 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 and Moderate rainfall is expected in isolated places.

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 (Planting)	Paddy (Virippu)- Management- Land preparations can be done.
NUTMEG (Planting)	Nutmeg-Planting- Good quality grafts can be planted in 90 x 90 x 90 cm pits filled with a mixture of top soil and compost for fresh cultivation. Shade trees can also be planted, wherever it is required.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
COCONUT (Vegetative)	Coconut- Rhinoceros beetle & Red palm weevil- Field sanitation; top most three leaf axils may be filled with 25g neem cake and 200g sand mixture or naphthalene balls and sand as a prophylactic measure and repeat this procedure 45 days interval; Crown cleaning followed by the application of 20g cartap hydrochloride 4G/ Fipronil 0.3G/ Carbosulphan 6G mixed with 200g sand on top three leaf axils; mist net balls can be inserted around leaf spindles. Management -One fourth of fertilizers can be given for irrigated palms. It is the time for planting coconut seedlings also.
BLACK PEPPER (Vegetative)	Pepper-Quick wilt- A spray of 1% Bordeaux mixture or Pseudomonas @ 20g in a litre of water can be given.

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)

District Advisory

Thunderstorm accompanied by lightning and gusty winds is very likely to occur at one or two places over Kerala from 20th to 24th May 2025.

Impact based advisories (General)

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 lightning.

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>