



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



Agromet Advisory Bulletin

Date : 2025-09-16

Weather Forecast of District ERNAKULAM (Kerala) Issued On : 2025-09-16 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-09-17	2025-09-18	2025-09-19	2025-09-20	2025-09-21
Rainfall(mm)	3.0	4.0	2.0	1.0	0.5
Tmax(°C)	31.0	31.0	31.0	31.0	31.0
Tmin(°C)	25.0	25.0	25.0	25.0	25.0
RH-I(%)	93	93	93	93	93
RH-II(%)	75	75	75	75	75
Wind Speed(kmph)	3	4	3	3	4
Wind Direction(Degree)	290	290	270	270	290
Cloud Cover(Octa)	8	8	8	8	7
Warning	Thunderstorms & Lightning, Squall etc	Thunderstorms & Lightning, Squall etc	Heavy Rain; Thunderstorms & Lightning, Squall etc	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. Thunderstorm with lightning is very likely to occur at one or two places over Kerala from 16th to 18th September 2025.

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

Thunderstorms & Lightning, Squall etc

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Likely impacts of weather warnings on Agriculture and associated Agromet advisories

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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.

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Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Hard Dough)	Paddy (Pokkali)- Sheath blight- After draining the water, spray Hexaconazole 5 EC at the rate of 1.5 ml per liter of water.
RICE (Hard Dough)	Paddy (Virippu)- Stem borer -Apply trichocards of the egg parasite of the stem borer Trichogramma japonicum at the rate of 5 cc per hectare. Pheromone traps against the stem borer of rice can be applied at the rate of 8 per acre. Use any of Chlorantranil 0.4 G (4 kg per acre) / Fipronil 0.3 G (5 kg per acre) / Cartap hydrochloride (5 kg per acre).
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Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
BANANA (Vegetative)	Banana -Sigatoka leaf spot -20g / L Pseudomonas can be sprayed in initial stages, rhizome treatment in 50g Pseudomonas per liter water for 30 minutes; 1% Bordeaux mixture can be sprayed 3 to 4 times in 3 to 4 weeks interval.
COCONUT (Vegetative)	Coconut -Bud rot- Remove the affected portion and apply 10% Bordeaux paste followed by 1% Bordeaux mixture spray. Rhinoceros beetle --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.
BANANA (Vegetative)	Banana -Sigatoka leaf spot -20g / L Pseudomonas can be sprayed in initial stages, rhizome treatment in 50g Pseudomonas per liter water for 30 minutes; 1% Bordeaux mixture can be sprayed 3 to 4 times in 3 to 4 weeks interval.
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Fisheries Specific Advisory:

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

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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>