



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



Agromet Advisory Bulletin

Date : 2025-09-16

Weather Forecast of District PALAKKAD (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)	0.8	1.0	1.0	0.5	0.1
Tmax(°C)	33.0	33.0	33.0	33.0	33.0
Tmin(°C)	24.0	24.0	24.0	24.0	24.0
RH-I(%)	91	91	91	91	91
RH-II(%)	64	64	64	64	64
Wind Speed(kmph)	6	6	8	6	5
Wind Direction(Degree)	230	230	200	200	200
Cloud Cover(Octa)	8	8	8	7	7
Warning	Thunderstorms & Lightning, Squall etc	Thunderstorms & Lightning, Squall etc	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: - Spraying and fertilizer application should be done during clear weather conditions. Since the chances of pest and disease development is higher, field should be monitored regularly and try to control the pest and disease infection at the early stage itself. It is better to manage the pest and diseases by the nearby farmers together to avoid further development of the same attack.

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Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Hard Dough)	Rice (virippu)-Milky stage- Stem borer- As a prophylactic measure against stem borer attack of rice, place 2cc egg cards of Trichogramma japonicum for one acre area. If the adult flies are noticed in the field, apply granular insecticide cartap hydrochloride at 5kg per acre or Chlorantraniliprol 0.4 Gat 4 kg per acre.
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Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
COCONUT (Vegetative)	Coconut -Foot rot -As a prophylactic control against foot rot disease of coconut, apply 50 g Trichoderma by mixing it with organic manures for each palm.
MANGO (Vegetative)	Mango -Die back disease -There is a chance for the development of die back disease of mango after the rain. If this is noticed in mango, spray copper oxy chloride solution at 3g/L.
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Live Stock Specific Advisory:

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COW	Animal Husbandry: During this rainy season, there is a chance for the development of respiratory infections in cattle. Early detection of symptoms and proper diagnosis should be done as far as possible.
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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>