



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



Agromet Advisory Bulletin

Date : 2025-10-21

Weather Forecast of District PALAKKAD (Kerala) Issued On : 2025-10-21 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-10-22	2025-10-23	2025-10-24	2025-10-25	2025-10-26
Rainfall(mm)	27.0	45.0	17.0	14.0	16.0
Tmax(°C)	32.0	32.0	32.0	32.0	32.0
Tmin(°C)	25.0	25.0	25.0	25.0	25.0
RH-I(%)	90	90	90	90	90
RH-II(%)	85	85	85	85	85
Wind Speed(kmph)	2	3	3	2	3
Wind Direction(Degree)	270	180	250	230	250
Cloud Cover(Octa)	8	8	8	7	8
Warning	Very Heavy Rain; Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Extremely Heavy Rain; Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Thunderstorms & Lightning, Squall etc; 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. Above normal rainfall is expected in Kerala. Thunderstorm accompanied by lightning and gusty winds is very likely to occur at one or two places over Kerala from 21 st to 25 th October 2025.

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

Thunderstorm accompanied by lightning and gusty winds is very likely to occur at one or two places over Kerala from 21 st to 25 th October 2025.

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.

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)	Rice (Mundakan)-Seedling 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 G at 4 kg per acre.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
YAM (Vegetative)	Amorphophallus- Foot rot disease -There is a chance for the development of foot rot disease in amorphophallus. Rotting of the basal part and yellowing of leaves are the main symptoms of this disease. For controlling this, drench the base with Trichoderma at 20g/L or Copper oxychloride at 3g/L.
COWPEA/ LOBIA (Planting)	Vegetables -Management- A mixture of Trichoderma enriched organic fertilizer along with bone meal, neem cake etc. at 50kg per cent can be applied as basal dose for vegetable cultivation. It is better to spray the vegetables with bio fertilizers like Azospirillum, VAM etc. during morning or evening hours at weekly intervals.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
COW	Animal Husbandry:- Animal should not be allowed to graze in open grazing lands to avoid lightening risk. Vaccinate animals against foot & mouth disease and haemorrhagic septicaemia

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.

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>