



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



Agromet Advisory Bulletin

Date : 2025-07-18

Weather Forecast of District PALAKKAD (Kerala) Issued On : 2025-07-18 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-07-19	2025-07-20	2025-07-21	2025-07-22	2025-07-23
Rainfall(mm)	35.0	30.0	30.0	15.0	10.0
Tmax(°C)	28.0	28.0	28.0	28.0	28.0
Tmin(°C)	23.0	23.0	23.0	23.0	23.0
RH-I(%)	95	95	95	95	95
RH-II(%)	90	90	90	90	90
Wind Speed(kmph)	5	4	4	3	3
Wind Direction(Degree)	270	270	270	270	270
Cloud Cover(Octa)	8	8	8	8	8
Warning	Very Heavy Rain; Strong Surface Winds	Very Heavy Rain; Strong Surface Winds	Heavy Rain; Strong Surface Winds	Heavy Rain; Strong Surface Winds	Heavy Rain; 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. Strong winds speed reaching likely to prevail occasionally over Kerala from 18th to 21st July 2025. Above normal rainfall is expected in Kerala.

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

Very Heavy Rain; Strong Surface Winds

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Strong winds speed reaching likely to prevail occasionally over Kerala from 18th to 21st July 2025

General Advisory:

General Advisory: -Make proper drainage facilities in the crop fields. Give propping to the plants and make it stronger. Harvest the matured crop fields as early as possible. Make the land free from weeds, dried leaves and diseased plants to avoid the attack of pests and disease.

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 (virippu)-Seedling satge -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
BRINJAL (Soft Dough)	Brinjal -Shoot borer- To control the shoot borer attack of brinjal, spray 5% neem seed kernel extract or any Bacillus thuringiensis formulations along with jaggery.
TOMATO (Flowering)	Vegetables- Management- Application of liquid bio fertilizers like harithakashaayam (10% for soil application and 5% for foliar spraying), fish aminoacid (3ml per litter water) and panchagavya (30ml per litter water) in the vegetables at an interval of two weeks will help the plants to flower as well as for getting resistance to pest and diseases.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
COW	Animal Husbandry: -Clean the cattle shed and its surroundings to avoid the situation of water stagnation to make it free from mosquitoes. Cover the cow dung pit properly from direct rainfall.

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>