



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



## **Agromet Advisory Bulletin**

Date : 2025-07-04

Weather Forecast of District PALAKKAD (Kerala) Issued On : 2025-07-04 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-07-05	2025-07-06	2025-07-07	2025-07-08	2025-07-09
Rainfall(mm)	5.0	3.0	3.0	2.0	1.0
Tmax(°C)	30.0	30.0	30.0	30.0	30.0
Tmin(°C)	23.0	23.0	23.0	23.0	23.0
RH-I(%)	88	88	88	88	88
RH-II(%)	78	78	78	78	78
Wind Speed(kmph)	4	4	4	4	4
Wind Direction(Degree)	250	250	320	270	290
Cloud Cover(Octa)	8	7	7	6	5
Warning	Strong Surface Winds	Heavy Rain; Strong Surface Winds	Strong Surface Winds	Strong Surface Winds	Strong Surface Winds

### Forecast Summary:

Weather summary / Alert: -. As per the forecast of IMD, there is a chance of light rainfall in the district and moderate rainfall in isolated places of the district. Strong winds speed reaching likely to prevail occasionally over Kerala from 04th to 08th July 2025. Above normal rainfall is expected in Kerala.

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

Strong Surface Winds

### Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Pesticides should not be applied during rainy period. Provide supports for the bananas. Make the vegetable pandals stronger. Avoid standing in open areas to protect farmers and livestock from lightning and thunder.

### 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 light rainfall in the district and moderate rainfall in isolated places of the district.

**Crop Specific Advisory:**

Crop (Stage)	Crop Specific Advisory
RICE (Transplanting)	Rice (virippu) -Management- For paddy, apply lime at 140 kg/acre 10 days before basal dose of fertilizer application. Application of fertilizers should be based on soil test results. As a general recommendation, for medium duration varieties, apply 90kg rajphos, 40kg urea and 15kg potash as basal dosage for one acre along with the last ploughing. For those fields where water management is a problem, apply these fertilizers within 10 days after transplanting.

**Horticulture Specific Advisory:**

Horticulture (Stage)	Horticulture Specific Advisory
BANANA (Vegetative )	Banana -zigatoka disease -Spray pseudomonas at 20g/L against zigatoka disease of banana. If there is severe attack, spray 1ml/L solution of propiconazole during clear weather conditions.
ARECANUT (Vegetative )	Arecanut -Mahali disease- Because of high moisture content in the atmosphere, there is a chance for the development of mahali disease in arecanut and coconut. In this disease, rotting of the nuts starts from the perianth and extending to affect whole portion. Finally, shedding of the immature nuts will happen and scattered shedded nuts at the base of the plant will be completely rotted. For managing this, spraying should be done with copper oxy chloride at 3g per litter of water.
COCCINIA (Planting)	Coleus- Planting time- Plant the cuttings of coleus in the main field between July and October. To get the required number of vines, the tubers are raised in nursery. About 68 to 80 kg of tubers is required to raise the nursery for one acre. The main field is ploughed or digged to a depth of 15 – 20 cm. Form ridges 30 cm apart or raised beds of 60 – 90 cm width. Organic manure at 40 kg/cent is added at the time of planting.

**Live Stock Specific Advisory:**

Live Stock	Live Stock Specific Advisory
GOAT	Animal Husbandry: The recommended area for one goat is 1m <sup>2</sup> while preparing the goat shed. However, when this is not the case, respiratory infections occur during the monsoon season when they are overcrowded. It is characterized by a thick white and yellowish liquid coming out of the mouth and nose. If you notice any of these symptoms, be sure to seek appropriate treatment immediately.

**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>**