



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



Agromet Advisory Bulletin

Date : 2025-07-11

Weather Forecast of District MALAPPURAM (Kerala) Issued On : 2025-07-11 (Valid Till 08:30 IST of the next 5 days)

| Parameter | 2025-07-12 | 2025-07-13 | 2025-07-14 | 2025-07-15 | 2025-07-16 |
|------------------------|--|--|--|--|--|
| Rainfall(mm) | 8.0 | 10.0 | 15.0 | 5.0 | 10.0 |
| Tmax(°C) | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 |
| Tmin(°C) | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 |
| 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) | 290 | 290 | 290 | 290 | 290 |
| Cloud Cover(Octa) | 8 | 8 | 8 | 7 | 8 |
| Warning | Heavy Rain; Strong Surface Winds | Heavy Rain; Strong Surface Winds | Heavy Rain; Strong Surface Winds | Heavy Rain; Strong Surface Winds | Heavy Rain; Strong Surface Winds |

Forecast Summary:

The sky will be cloudy. High relative humidity will be experienced. The atmospheric temperature will come down. There will be heavy rainfalls from July12 to 15 in isolated places.

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

Chances for isolated heavy rainfall on July11.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Difficulty in drying agricultural produce in open conditions. Chances for fall off of slender stemmed fruits and vegetables. Chances for water stagnation in the fields.

General Advisory:

Drain the stagnating water from the cultivated areas where heavy water stagnations occurred due to the last five days heavy rainfalls. Harvest all the ripened products if any quickly. Do not keep the harvested products in the field itself. Do not attempt to dry the products like rice, rubber, copra, pulses, vegetable seeds, etc directly under sun. Give popping to all soft slender stemmed crops like banana, vegetables, climbers etc. Clean the drainage channels in crop lowlands to enable proper drainage of excess water in case of exigencies if any. Do not shelter the cattle in houses with weak structures. Keep animal feeds, seeds, fertilizers etc. in termite free and moist free rooms on elevated platforms coated with wooden panels. Avoid activities under open conditions while there is lightning. Also do not expose livestock to such unfavorable weather conditions. Seedlings of tree

crops can be planted now. Ensure proper distance between the plants. The 2/3 portions of the pits should be filled with mixture of topsoil and powdered dry cow dung/compost. Spraying should be done only if sufficient intervals are available between the rainfalls. Use sticking agents like

SMS Advisory:

Rice Leaf folder : If leaf folder attack is seen, unfold the leaves by rolling thorny wires/twigs over the canopy.

Crop Specific Advisory:

| Crop (Stage) | Crop Specific Advisory |
|------------------|---|
| RICE (Tillering) | Leaf folder : If leaf folder attack is seen, unfold the leaves by rolling thorny wires/twigs over the canopy. If the attack is severe spot spraying of flubendiamide @ 1.0 ml/10L is recommended. Attack will be more in shaded conditions. Avoid excessive Nitrogenous fertilizers |

Horticulture Specific Advisory:

| Horticulture (Stage) | Horticulture Specific Advisory |
|-----------------------------|---|
| COCONUT (Grand growth) | Nut and leaf rot : Spray hexaconazole @2ml/litre) on the bud and crown . Adopt Integrated Nutrient Management Practices for improving the crop health |
| COCONUT (Seedling Growth) | Water stagnation and decaying of growing bud (bud rot): Do not allow water stagnation in the planted pits. Provide bunds around the pits to prevent the collection of runoff water in the pits. After the cessation of heavy rainfall, spray 1 % Bordeaux Mixture on the leaves and growing buds, only after mixing with a sticking agent to the fungicide. |
| BLACK PEPPER (Grand growth) | Foot rot : As prophylactic measure, apply 150 gram of Trichoderma enriched neem cake - cow dung mixture in the basins of the vines and incorporate thoroughly with the soil. If disease already appeared, drench soil in the plant basins with Redomil 0.2% (2g/litre of water). Spray the same on the leaves also. |
| ARECANUT (Flowering) | Inflorescence die back and button shedding: Warm humid conditions may cause this disease. Spray Hexaconazole (Contaf) 1 ml/litre or Bordeaux mixture 1%. Repeat after 20-25 days. |
| BANANA (Grand growth) | Sigatoka leaf spot : There should not be any water stagnation in the basins of the crop. As a prophylactic measure spray Pseudomonas (@ 20g/litre) at fortnight intervals. If disease appears:-Cut and burn all affected leaves. Spray Carbendazim and Mancozeb (@ 2ml per litre) alternatively at fortnight intervals. |

Poultry Specific Advisory:

| Poultry | Poultry Specific Advisory |
|---------|---|
| CHICKEN | Cage hygiene : Keep the cages dry. If moisture persists, ammonia may be generated from the droppings which will adversely affect the health of the birds. |

Likely impacts of weather warnings (General)

• Visibility may become poor due to intense spell of rainfall leading to traffic congestion. • Temporary Disruption of traffic due to water logging in roads/ uprooting of trees/ breaking of tree branches leading to increased travel time. • Uprooting of trees may cause damages to power sector. • Possibility of damages to vulnerable structures due to heavy to very heavy rainfall

Impact based advisories (General)

- Follow traffic advisories issued, if any.
- Avoid staying in vulnerable structure.
- Avoid going to the areas that face water logging problems/ river fronts.
- People in the vulnerable area are advised to move to safer places.

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>