



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



Agromet Advisory Bulletin

Date : 2025-10-17

Weather Forecast of District MALAPPURAM (Kerala) Issued On : 2025-10-17 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-10-18	2025-10-19	2025-10-20	2025-10-21	2025-10-22
Rainfall(mm)	4.0	3.0	1.0	3.0	2.0
Tmax(°C)	31.0	31.0	31.0	31.0	31.0
Tmin(°C)	25.0	25.0	25.0	25.0	25.0
RH-I(%)	96	96	96	96	96
RH-II(%)	80	80	80	80	80
Wind Speed(kmph)	2	2	2	2	2
Wind Direction(Degree)	70	250	250	200	250
Cloud Cover(Octa)	8	7	8	7	7
Warning	Heavy Rain; Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Heavy Rain; Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Heavy Rain; Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Thunderstorms & Lightning, Squall etc; Strong Surface Winds

Forecast Summary:

The sky will be partially or fully cloudy. High relative humidity will be experienced. The atmospheric temperature will be high. There will be heavy rainfall on October 18&20 in isolated places. There will be light to moderate rainfalls on October 19&21.

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

Isolated heavy rainfall on October 17.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Damaging and losses or deteriorating quality of the open drying agricultural produces like copra, rubber, cashew nuts, seeds, food materials for processing etc.. Damages and losses may occur for crops having slender stems like banana and vegetables. Breaking branches and or trees may occur. High temperature during daytime may cause high rate of evaporation of water from the soil.

General Advisory:

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. Provide mulching to crops to reduce waterloss from soil.

SMS Advisory:

Ginger: Rhizoctonia leaf blight : Spray carbendazim (@2g/litre of water)

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Transplanting)	Transplanting stage for second crop: Dip the roots of the seedlings in slurry of pseudomonas (20g pseudomonas/litre of water) for 30 minutes just before transplanting. This will help the seedlings to grow vigorously. Apply fertilizers at the occasion of no rainfalls, after lowering the water and blocking all drainage channels. While transplanting, apply 400g urea, 900g mussooriephos and 150g muriate of potash for the medium duration varieties and 400g urea, 700g mussooriephos and 120g muriate of potash for the short duration varieties to each cent (40 square meter) of land area.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
CABBAGE (Sowing)	Land preparation: Incorporate lime or dolomite to the soil depending on its acidity, at least 14 days before the application of chemical fertilizers. This will not only reduce the acidity but also control the soil borne diseases.
COCONUT (Grand growth)	Stem bleeding : Chisel out the affected parts and apply Bordeaux paste. Drench the palm basin (2m radius) with 40 litres of 1% Bordeaux mixture or soil drenching of Hexaconazole (Contaf®) 25ml/25 litre of water once in 4 months. After one month, apply 5 kg Trichoderma enriched neem cake and 500g of Ayar® (micro nutrient mixture)
ARECANUT (Fruit formation)	Mahali disease : Apply Bordeaux mixture (1%) to the bunch and leaves.
BANANA (Fruit formation)	Pitting disease : Spray Mancozeb (@2g/litre), only on immature bunches. . Cover the bunches with poly ethylene sheets having pin holes on it. This will help to protect the bunches from birds attack also.
GINGER (Grand growth)	Rhizoctonia leaf blight : Spray carbendazim (@2g/litre of water)

Poultry Specific Advisory:

Poultry	Poultry Specific Advisory
CHICKEN	Newcastle Disease : Newcastle disease or Ranikhet disease is a highly contagious disease of birds caused by a para-myxo virus. This infection results gasping and coughing, drooping wings, dragging legs, twisting of the head and neck, circling, in appetite, complete paralysis. Prevention: Ensure complete hygiene condition for birds and chicken coops. Provide vaccinations with Live B1 and La Sota strains administrated in drinking water intranasally or intraocularly.

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.
- Partial Damages to Kutcha Houses and Huts due to uprooting of trees.

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>