



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



Agromet Advisory Bulletin

Date : 2025-06-27

Weather Forecast of District MALAPPURAM (Kerala) Issued On : 2025-06-27 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-06-28	2025-06-29	2025-06-30	2025-07-01	2025-07-02
Rainfall(mm)	28.0	12.0	1.0	2.0	3.0
Tmax(°C)	31.0	31.0	31.0	31.0	31.0
Tmin(°C)	24.0	24.0	24.0	24.0	24.0
RH-I(%)	92	92	92	92	92
RH-II(%)	86	86	86	86	86
Wind Speed(kmph)	4	4	4	4	4
Wind Direction(Degree)	290	290	320	340	250
Cloud Cover(Octa)	8	6	6	6	6
Warning	Heavy Rain; Strong Surface Winds	Very Heavy Rain; Strong Surface Winds	Heavy Rain	No Warning	No Warning

Forecast Summary:

The sky will be cloudy. High relative humidity will be experienced. The atmospheric temperature will come down. There will be heavy to very heavy rainfalls on June 28 in isolated places. There will be heavy rainfalls on June 29 in isolated places. There will be light to moderate rainfalls on June 30 and July 01.

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

Chances for isolated to very heavy rainfall on June 28.

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:

Weather is unfavourable for drying harvested 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. Provide pandal for bittergourd to withstand gusty wind. 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 shelters having weak structures. Keep animal feeds, seeds, fertilizers etc. in termite free and moist free rooms on elevated platforms coated with wooden panels. Tree crop's seedlings can be planted during these days. Ensure proper distance between the plants. The 2/3 portions of the pits should be filled with the mixture of topsoil and powdered dry

cow dung/compost. Care should be taken to keep the graft/bud unions above the ground while planting grafted/budded planting materials of tree crops. Apply first dose of fertilizers to the tree crops. Adopt integrated nutrient management system. It is better to keep a buffer stock of paddy seeds to cope an emergency situation if any occurs. Spraying should be done when there is no rainfall or in gap of spells of rainfall. Adhesive /sticking agents should be used to prevent runoff of pesticide, fungicide etc. If water stagnation occurs in newly planted coconut beds, drain them and stir up the topsoil in the beds. Apply fungicides if leaf blight or yellowing are seen. If yellowing seen in rice spray with 19:19:19 fertilizer.

SMS Advisory:

Areca nut Mahali : Apply 1% Bordeaux mixture or 0.3% copper oxychloride solution.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Tillering)	Bacterial leaf blight : Spray supernatant solution of the cow dung water mixture (Dispense 20g cow dung in 1 L of water and filter the solution through muslin cloth). Place bags containing of bleaching powder (2kg/acre) in the paddy field. If the infection is severe spray Streptocyclin 30g/200 L of water for 1 acre.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
COCONUT (Grand growth)	Bud rot : Clean the crowns. As a prophylactic measure apply Trichoderma cakes in the axils of the top whirl of leaves of the plants. Or Tie perforated sachets containing 2g Mancozeb with the axil of the spindle leaf of the plant. Or spray 1% Bordeaux mixture into the axils of top leaves of the surrounding palms
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 (Grand growth)	Mahali : Apply 1% Bordeaux mixture or 0.3% copper oxychloride solution. Incorporate lime or dolomite @ 1 kg/palm to the basins of the palms. Apply borax @ 100g/palm and zinc sulphate @ 100g/palm and magnesium sulphate @250g/palm
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.

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.

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>