



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



Agromet Advisory Bulletin

Date : 2025-08-26

Weather Forecast of District MALAPPURAM (Kerala) Issued On : 2025-08-26 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-08-27	2025-08-28	2025-08-29	2025-08-30	2025-08-31
Rainfall(mm)	0.1	4.0	5.0	2.0	1.0
Tmax(°C)	32.0	32.0	32.0	32.0	32.0
Tmin(°C)	24.0	24.0	24.0	24.0	24.0
RH-I(%)	87	95	95	95	95
RH-II(%)	67	80	80	80	80
Wind Speed(kmph)	3	3	4	2	4
Wind Direction(Degree)	200	290	270	320	290
Cloud Cover(Octa)	8	8	8	8	8
Warning	Strong Surface Winds	Heavy Rain; Strong Surface Winds	Heavy Rain; Strong Surface Winds	Heavy Rain	No Warning

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 rainfalls from August 27 to 29 in isolated places. There will be light to moderate rainfalls on August 30.

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

Light to moderate rainfall on August 26.

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. Chances for water stagnation in the fields.

General Advisory:

Do not dry any products on open conditions. Do not go for open field operations if heavy rain is experienced. Keep livestock and poultry within strong structures. Do not keep livestock under open conditions or under trees. Do not keep seeds, perishable goods, fertilizers, cattle and poultry feeds on moist floors. Keep them in rooms on elevated platforms. Travelling may be postponed. Closely follow the directions of disaster.

management authorities. People living near seashore and on banks of river/waterbodies may take extreme care.

SMS Advisory:

okra Shoot and Fruit borer : Spray neem oil emulsion @ 5 %, at intervals of 15 to 20 days.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Panicle Initiation)	Panicle initiation to grain filling stage : Ensure availability of water in the rice fields. The scarcity of water at this stage may lead to chaffy grains. Where ever possible, provide irrigation up to field submergence, in places where ponding was not brought out by the monsoon.
RICE (Grand growth)	Brown spot disease : Prophylactic spray of <i>Pseudomonas fluorescens</i> (@ 20g/l) is recommended. If disease appears only, spray fungicide Nativo® (@ 4g per 10 litres of water)

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
COCONUT (Grand growth)	Bud rot : Detection of disease at its early stage will help to adopt efficient corrective measures. Cut and remove the affected tissues from the crown and apply Bordeaux paste. After that cover the cut surface with polythene sheets to protect it from rain falls until new leaf emerges. Burn the removed tissues immediately. As a prophylactic measure spray 1% Bordeaux mixture into the axils of top leaves of the surrounding palms
BLACK PEPPER (Grand growth)	Quick wilt disease : Spray Redomil (@2g/litre of water) or copper oxy chloride (@3g/litre of water) Drench the soil in the basins with the same preparation (@ 5 litre per vine) as mentioned above.
BANANA (Grand growth)	Rhizome rot : Ensure good drainage in the garden Drench with Streptocyclin antibiotic (@2g/10L) Or Copperhydroxide (20g/10L) at the basin of the plant.
BRINJAL (Vegetative)	Brinjal: Thrips : Spray “Raksha”, the organic insecticide released by KAU (@10g/litre) on both surface of leaves and stem If attack is severe spray quinalphos @ 2g/l of water
OKRA/ LADYFINGER (Fruit formation)	Shoot and Fruit borer : Spray neem oil emulsion @ 5 %, at intervals of 15 to 20 days. OR Spray quinalphos 25 EC (2 ml per litre of water).

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
COW	FMD(Foot and Mouth disease : Foot and Mouth disease is a highly transmissible disease caused by infection with an Aphthovirus. The infection results in vesicular lesions in and around the mouth and on the feet, resulting in the reluctance of an animal to eat or move. Prevention: Ensure hygienic conditions for the individual animals as well as their shelter and its surroundings. Boost the immunity of cattle by supplementing feeds with vitamins and minerals containing health tonics. If disease appears, give medication under the supervision of a Veterinary doctor immediately.

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>