



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



Agromet Advisory Bulletin

Date : 2025-09-12

Weather Forecast of District MALAPPURAM (Kerala) Issued On : 2025-09-12 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-09-13	2025-09-14	2025-09-15	2025-09-16	2025-09-17
Rainfall(mm)	0.2	0.2	0.1	0.3	1.0
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(%)	80	80	80	80	80
RH-II(%)	70	70	70	70	70
Wind Speed(kmph)	3	3	3	3	3
Wind Direction(Degree)	200	200	270	200	270
Cloud Cover(Octa)	7	7	8	8	8
Warning	No Warning	No Warning	No Warning	No Warning	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 light to moderate rainfalls from September 13 to 16.

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

Light to moderate rainfall on September 12.

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 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 water loss from soil.

SMS Advisory:

Cashew Tea mosquito bug : Prophylactic measures: 1) The fungal biological control agent, Beavaria bassiana can be sprayed @ 20g/L

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
COCONUT (Grand growth)	Yellowing of coconut : Incorporate lime or dolomite @ 2 kg/palm to the basins of the palms. After two weeks, apply borax @ 200g/palm and zinc sulphate @ 100g/palm and magnesium sulphate @500g/palm and potash @ 2kg/palm
BLACK PEPPER (Grand growth)	Polu beetle/disease : As a pyrolytic measure spray spray 1% Bordeaux mixture mixed with quinalphos (2ml/litre of Bordeaux mixture). If attack is seen spray solution containing hexaconazole (5ml) + cyhalothrin (3ml) per 5 litres of water.
CASHEW (Grand growth)	Tea mosquito bug : Prophylactic measures: 1) The fungal biological control agent, Beavaria bassiana can be sprayed @ 20g/L Or 2) Spray 1% Bordeaux mixture mixed with quinalphos (2ml/litre of Bordeaux mixture)
BANANA (Grand growth)	Leaf eating caterpillar: Ensure good drainage in the garden. Organic insecticides such as Shreya, Nanma etc. should be mixed with 10 ml of one liter of water and sprayed on both sides of the leaves. Spray quinalphos 20 EC (2 – 4 ml per litre of water). Spray flubendiamide 39.35 SC (2 ml, 10 litre of water).

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
COW	Mastitis : The disease is common on cows which are sheltered in unhygienic conditions. Symptoms: - The symptoms are change in composition of milk and turning the milk into a yellow watery liquid, severe fever, lack of appetite, abortions etc. If not treated the cow may lose its milk yielding capacity permanently. Also the cow may lose mobility and gradually death may occur. Prevention: - Ensure hygienic conditions for the individual animals as well as their shelter and its surroundings The milking machines should be cleaned properly after every use. 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)

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 water from the soil.

Impact based advisories (General)

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.

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>