



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



Agromet Advisory Bulletin

Date : 2025-11-04

Weather Forecast of District MALAPPURAM (Kerala) Issued On : 2025-11-04 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-11-05	2025-11-06	2025-11-07	2025-11-08	2025-11-09
Rainfall(mm)	0.1	0.2	0.0	0.2	0.1
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(%)	90	90	90	90	90
RH-II(%)	70	70	70	70	70
Wind Speed(kmph)	4	3	4	4	3
Wind Direction(Degree)	270	270	270	230	290
Cloud Cover(Octa)	6	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 rainfall on November 05,06,08&09. No rainfall on November 07.

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

Light rainfall on November 04.

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. Direct exposure to sunlight may cause sunburn and injuries animals.

General Advisory:

Dry the products like rice, rubber, copra, pulses, vegetable seeds, etc when there is no rain. Give popping to all soft slender stemmed crops like banana, vegetables, climbers etc Provide mulching to crops to reduce waterloss from soil. Provide shade net for vegetable crops and ensure irrigation. Donot keep animals under open conditions for a long time. Provide sufficient drinking water to them.

SMS Advisory:

Banana Fusarium wilt : Additionally, keep small masculine cloth bag filled with 25-50g beaching powder in the basins of the plants.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Sowing)	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
TOMATO (Sowing)	Transplanting/ sowing : While preparing the land, incorporate lime @ 4kg/cent to the soil. Use Trichoderma enriched farm yard manure/compost. This will check the spread of wilt diseases. Before transplanting, dip the roots of the seedlings in slurry of pseudomonas (20g pseudomonas/litre of water) for 30 minutes. This will help the seedlings to grow vigorously. Also the seedlings can be sprayed with diluted pseudomonas culture solution (@20ml dissolved in one litre of water).
COCONUT (Grand growth)	Red palm weevil : The palms can be saved only if the attack is diagnosed at an early stage. Hence more frequently inspect the palms. The attack can be diagnosed by the presence of yellowing of upper and middle whirls of leaves and holes at the jointing region of leaf petioles to the trunk. Insect excrement, pupal cases etc. may also be seen in the crown or basins of the palms. Control: Prepare Imidachlorprid solution (@ 1ml/litre of water) and fill in the holes. Adopt field sanitation.
BANANA (Grand growth)	Fusarium wilt : Drench basal soil with bavistin @ 1ml/litre of water Additionally, keep small masculine cloth bag filled with 25-50g beaching powder in the basins of the plants.
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)
MANGO (Grand growth)	Gummosis and die back : Apply Bordeaux paste on the affected portions on the shoots. Drench hexaconazole (@2ml/litre) in the basins.
TURMERIC (Grand growth)	Leaf blight : Remove the severely affected leaves from the plants and destroy in fire. Spray copper oxy chloride on the plants (@2g/litre of water)

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
COW	Foot and Mouth disease: It 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)

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. Direct exposure to sunlight may cause sunburn and injuries animals.

Impact based advisories (General)

Dry the products like rice, rubber, copra, pulses, vegetable seeds, etc when there is no rain. Give popping to all soft slender stemmed crops like banana, vegetables, climbers etc Provide mulching to crops to reduce waterloss from soil. Provide shade net for vegetable crops and ensure irrigation. Donot keep animals under open conditions for a long time. Provide sufficient drinking water to them.

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>