



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



## Agromet Advisory Bulletin

Date : 2024-12-24

Weather Forecast of District MALAPPURAM (Kerala) Issued On : 2024-12-24 (Valid Till 08:30 IST of the next 5 days)

Parameter	2024-12-25	2024-12-26	2024-12-27	2024-12-28	2024-12-29
Rainfall(mm)	0.5	0.0	0.5	1.5	0.0
Tmax(°C)	32.0	32.0	32.0	32.0	33.0
Tmin(°C)	23.0	23.0	23.0	23.0	23.0
RH-I(%)	85	85	85	85	85
RH-II(%)	55	55	55	55	55
Wind Speed(kmph)	5	5	5	4	4
Wind Direction(Degree)	250	270	270	270	320
Cloud Cover(Octa)	5	2	2	5	2

### Weather Summary/Alert:

The sky will be cloudy. High relative humidity will be experienced. Low night temperature and high day temperature will be experienced. Hence there will be distinct difference between day time temperature and night temperature. There will be light rainfall (From 2.5 mm to 15.5 mm within a time span of 24 hours) on December 24. There is no rainfall on December 25 and 28 There will be Light to Moderate rainfall (From 2.5 mm to 64.4 mm within a time span of 24 hours) on December 26 and 27

### General Advisory:

Drain the stagnating water from the cultivated areas where heavy water stagnations occurs. Harvest the matured crops and transport to store houses quickly. Do not heap the harvested produces in the field itself or in open places. Give propping 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. Maintain hygiene conditions in crop fields. Infected and fallen nuts, leaves and tree parts should be removed from the fields and burnt. Spraying should be done only if sufficient intervals are available between the rainfalls.

### SMS Advisory:

Mango : Mango hoppers Spray Azadirachtin (@5ml/litre Azadirachtin 3000ppm)

### Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
COCONUT	Rugose White fly : As this is a sap sucking pest, its infestation will be heavy during the hot and dry climatic periods. The sticking property of the gum secreted by the insects may lose in moist conditions. Adopting mulching and irrigations may help the plants to keep the leaves' surfaces moist. On young palms intermittently sprinkle water on the leaves also.

Horticulture (Stage)	Horticulture Specific Advisory
BANANA	Sigatoka leaf spot : Cut and burn all affected leaves. Spray Tilt or Contaf (@ 2ml per litre)
BANANA	Pseudostem weevil: Adopt field sanitation. Remove the affected parts and burn it using kerosene. Apply Beauveria bassiana @ 20 g l-1 at 5, 6 and 7 month after planting.
MANGO	Mango hoppers Spray Azadirachtin (@5ml/litre Azadirachtin 3000ppm)
CASHEW	Tea mosquito bug : Take control measures only if the attack is seen (only if there is scraped marks on peduncle/pedicle of the panicle). If the attack is noticed spray quinalphos + mancozeb (@quinalphos 2ml + mancozeb 2g in one litre of water)
CUCUMBER	Sucking pests : To control the pests apply neem oil emulsion (5 ml. neem oil mixed in one litre of luke warm soap water solution) Or Apply malathion 50 EC @ 2 ml + neem oil 4ml per litre of water
CUCUMBER	Downy mildew : As a prophylactic measure apply 'Mancozeb' (@ 2g/l of water). If disease appeared, spray Akomin® (@3ml/L) on both surfaces of the leaves, thrice at 15 days interval. Remove and burn out the infested leaves.
CUCUMBER	Melon fruit flies : Keep pheromone traps. Spray Malathion:- Mix 2 ml of Malathion in one litre of water. Dissolve 10g of jaggery in the solution to attract the flies. Spray this solution on lower sides of the leaves
TOMATO	Wilt : If disease is seen, spray Redmil® (2g/litre) or Akomin® (2ml/litre).
BRINJAL	Shoot and Fruit borer : Remove and destroy affected fruits and shoots. Spray chlorantraniliprole (coragen 3ml per 10 l of water) 2-3 times at weekly interval.
PUMPKIN	Pumpkin beetle : Apply malathion 50 EC @ 3 ml / litre of water or malathion 50 EC @ 2 ml + neem oil 4ml per litre of water. After irrigation, drench the soil with malathion 50 EC @ 3 ml / litre of water. After the application of insecticide, with hold irrigation on next two days.