



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



## Agromet Advisory Bulletin

Date : 2025-01-28

Weather Forecast of District MALAPPURAM (Kerala) Issued On : 2025-01-28 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-01-29	2025-01-30	2025-01-31	2025-02-01	2025-02-02
Rainfall(mm)	0.0	0.0	0.0	0.1	0.0
Tmax(°C)	35.0	35.0	35.0	35.0	35.0
Tmin(°C)	23.0	23.0	23.0	23.0	23.0
RH-I(%)	75	75	75	75	75
RH-II(%)	47	47	47	47	47
Wind Speed(kmph)	6	8	5	6	6
Wind Direction(Degree)	40	90	90	90	80
Cloud Cover(Octa)	3	4	7	8	7

### 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 is no rainfall from January 28 to 30 and on February 01. There will be light rainfall ((From 2.5 mm to 15.5 mm within a time span of 24 hours) on January 31.

### General Advisory:

In plantation crops, water conservation measures should be adopted. Give mulching in the soil with crop residues, green or dried leaves. The trashes used should be free of any pest and diseases. Avoid the trashes of the same species as mulch. This will help to prevent the multiplication of crop specific pest and disease causing organisms. Powdering the top soil using a secondary tillage implement and spreading it uniformly over the field, will help to conserve water for a long period of time in the fields. Restrict the spraying of pesticides/fungicides operations to early morning and evening hours when the air is calm. Irrigate the crop when the water is available in the evening or early morning. Adopt drip irrigation method for maximum water use efficiency

### SMS Advisory:

Mango Mango fruit flies : Collect and destroy the fallen fruits by taking deep pits atleast 60 cm depth. Set up pheromone trap (methyl eugenol trap) @ 1 trap/15 cents.

### Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE	Rice bug: Apply Azadiractin 3000ppm stock after diluting in water @ 3ml/L. To have a better control add and stir one to two ml. of Malathion 50EC per litre of the diluted Azadiractin solution before applying. The spraying should be done in the evening, immediately after sunset.

**Horticulture Specific Advisory:**

<b>Horticulture (Stage)</b>	<b>Horticulture Specific Advisory</b>
COCONUT	Stem bleeding : Chisel out the affected parts and apply Bordeaux paste. Drench the palm basin (2m radius) with 40 litres of 1% Bordeaux mixture. After one month, apply 5 kg Trichoderma enriched neem cake and 500g of Ayar® (micro nutrient mixture)
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 fruit flies : Collect and destroy the fallen fruits by taking deep pits atleast 60 cm depth. Set up pheromone trap (methyl eugenol trap) @ 1 trap/15 cents.
BITTER GOURD	Fruit fly : Setting up of pheromone trap(Cue lure @1/15 cent) + Spot application of 10 % jaggery containing 0.1 % malathion@1 spot/40 m2 on underside of leaves at fortnight intervals.
CUCUMBER	Powdery mildew on cucurbits : As a prophylactic measure apply 'Mancozeb'(@ 2g/l of water). If disease appeared, spray lime sulfur (@3g/L of water) on both surfaces of the leaves. Repeat after 10 days.
GINGER	Stem borer: Apply any neem based insecticide @4ml/l OR Spray Flubendiamide (Fame -2 ml in10 litres of water) 2-3 times at weekly interval.

**Live Stock Specific Advisory:**

<b>Live Stock</b>	<b>Live Stock Specific Advisory</b>
COW	Lumpy skin : Lumpy skin disease is a viral disease that affects cattle and it is transmitted by blood-feeding insects, such as certain species. of flies and mosquitoes, or ticks. It causes fever, nodules on the skin and can also lead to death. Prevention: Keep the shed and surroundings clean and hygiene. Movement of cattle should be controlled and provide vaccination under the recommendation of veterinary doctor.