



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



## **Agromet Advisory Bulletin**

Date : 2025-08-08

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

| Parameter              | 2025-08-09 | 2025-08-10 | 2025-08-11 | 2025-08-12 | 2025-08-13 |
|------------------------|------------|------------|------------|------------|------------|
| Rainfall(mm)           | 2.0        | 1.0        | 0.5        | 0.6        | 2.0        |
| Tmax(°C)               | 29.0       | 29.0       | 29.0       | 29.0       | 29.0       |
| Tmin(°C)               | 24.0       | 24.0       | 24.0       | 24.0       | 24.0       |
| RH-I(%)                | 95         | 95         | 95         | 95         | 95         |
| RH-II(%)               | 72         | 72         | 72         | 72         | 72         |
| Wind Speed(kmph)       | 2          | 3          | 2          | 3          | 3          |
| Wind Direction(Degree) | 230        | 230        | 200        | 200        | 200        |
| Cloud Cover(Octa)      | 8          | 7          | 7          | 7          | 8          |
| Warning                | No Warning | No Warning | No Warning | No Warning | No Warning |

### Forecast Summary:

The sky will be cloudy. High relative humidity will be experienced. The atmospheric temperature will come down. The atmosphere may be turbid due to heavy wind. There will be light to moderate rainfalls from August 09 to 12.

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

Light to moderate rainfall on August 08.

### 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:**

Banana Rhizome rot : Ensure good drainage in the garden Drench with Streptocyclin antibiotic (@2g/10L) or Copperhydroxide (20g/10L) at the basin of the plant.

**Crop Specific Advisory:**

| Crop (Stage)     | Crop Specific Advisory                                                                                                                                                                                                                                                                                                                                         |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RICE (Tillering) | Flooding : Open all drainage channels and permit free flow of water Close water inundation faces in paddy fields. In places where flooding may occur, there are chances of appearing blight and decaying of plants. As a precautionary measure place perforated bags which contain bleaching powder (2kg/acre), on the face of entry of water into the fields. |

**Horticulture Specific Advisory:**

| Horticulture (Stage)        | Horticulture Specific Advisory                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COCONUT (Grand growth)      | Rhinoceros beetle: Take out the beetles from the attacked palm crown using beetle hook. Swab the hole made by the beetles with Bordeaux paste to prevent entry of fungus through the cut surface. Old fishnets can be reused for controlling the pest. Cut the nets into pieces of size 1m x 0.5m. Keep the middle portion of the net, lengthwise into the axils of 3rd and 4th leaf whirls of the palm. Push the net firmly with small stones into the axils. The hanging sides of the net should be kept open. The beetles will be trapped in the nets and get destroyed. Care should be taken to move the nets to upper leaf axils accordingly while fresh leaves are emerging. |
| ARECANUT (Grand growth)     | Water stagnation and decaying of growing bud (bud rot): Do not allow water stagnation in the planted pits. Provide bunds around the pits to prevent the collection of runoff water in the pits. After the cessation of heavy rainfall, spray 1 % Bordeaux Mixture on the leaves and growing buds, only after mixing with a sticking agent to the fungicide.                                                                                                                                                                                                                                                                                                                        |
| 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| GINGER (Grand growth)       | Bacterial rot : Drench 1% Bordeaux mixture or Copper oxychloride 0.2% (2g/litre)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| BLACK PEPPER (Grand growth) | Foot rot : Provide drainage. Do not allow water stagnation in the rootzones. While rain is withdrawn rake the rootzone and apply lime @250g/plant Keep field sanitations. Remove decaying of damages vines/plant parts if any to check the pest and disease incidences.                                                                                                                                                                                                                                                                                                                                                                                                            |

**Live Stock Specific Advisory:**

| Live Stock | Live Stock Specific Advisory                                                                                                                                                                                                                                                                                                                 |
|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COW        | Ephemeral fever (BEF): It is a disease that affects cattle and buffalo and is marked by a short fever, shivering, lameness and muscular stiffness. This disease may cause decline in milk production, lowered fertility and abortion. Treatment: Phenyl butazone sodium (200mg) 10ml/cattle should be given for 3 days in two divided doses. |

**Poultry Specific Advisory:**

| Poultry | Poultry Specific Advisory                                                                                                                                                                                                                                                                                                                                                          |
|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| HEN     | Bumble foot : The disease is common on hen and duck due to the unhygienic floors. The bumble foot is identified by swelling, redness and black or brown scab on the bottom of the foot. Prevention: - Make sure that the shelter and environment is clean and hygiene. Provide soft floor for the mobility of birds. Bandage the infected foot with rock salt or Neosporin powder. |

**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.

**Impact based advisories (General)**

Do not dry any products on open conditions. Do not go for open field operations if heavy rain is experienced. Keep livestock and poultries within strong structures. Do not keep livestock under open conditions or under trees.

**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>**