



# Agromet Advisory Bulletin for the District, Kannur

(Valid from 17.01.2026 to 21.01.2026)

(Issued jointly by Kerala Agricultural University Regional Agricultural Research Station Pilicode & India Meteorological Department)



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Date: 16/01/2026

## A. Weather Summary of preceding four days

| Rainfall, mm | Max. temp., °C | Min. temp., °C | R. H., % | Wind speed, Km/h |
|--------------|----------------|----------------|----------|------------------|
| 7.6          | 32.6 – 33.7    | 23.0 – 25.5    | 64 – 88  | 00– 04           |

## B. Weather forecast for next five days

| Parameters                | 17-01-2026 | 18-01-2026 | 19-01-2026 | 20-01-2026 | 21-01-2026 |
|---------------------------|------------|------------|------------|------------|------------|
| Average Rainfall, mm      | 0.1        | 0          | 0          | 0          | 0          |
| Max. Temp, °C             | 34         | 34         | 34         | 34         | 34         |
| Min. Temp, °C             | 25         | 25         | 25         | 25         | 25         |
| Max. Relative Humidity, % | 85         | 85         | 85         | 85         | 85         |
| Min. Relative Humidity, % | 70         | 70         | 70         | 70         | 70         |
| Wind speed,km/h           | 4          | 4          | 3          | 3          | 4          |
| Wind direction, degrees   | 250        | 250        | 250        | 270        | 290        |
| Total cloud cover, octa   | 3          | 2          | 2          | 2          | 4          |

## C. Agrometeorological Advisories

| Crop                           | Stages   | Problems | Agro-meteorological advisories |
|--------------------------------|--|----------|--------------------------------|
| <b>General Condition</b>       | <b>No Rainfall**</b>   |          |                                |
|                                | The sky will be partially cloudy. Atmospheric humidity will be moderate. Low night temperature and high day temperature will be experienced. Hence there will be distinct difference between day time temperature and night temperature.   |          |                                |
| <b>Weather warning</b>         | There will be light rainfall on January 17.<br>No rainfall from January 18 to 21.  |          |                                |
| <b>Impacts</b>                 | Damages and losses may occur for crops having slender stems like banana and vegetables. 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.   |          |                                |
| <b>General Recommendations</b> | Harvest the matured crops and transport to store houses quickly. Do not heap the harvested produces in the field itself or in open places.<br>Give popping to all soft slender stemmed crops like banana, vegetables, climbers etc<br>Provide mulching to crops to reduce waterloss from soil. For mulching, the trashes used should be free of any pest and diseases. Avoid the trashes of the same species as mulch.<br>Adopt drip irrigation method for maximum water use efficiency. Provide shade net for vegetable crops and ensure irrigation.<br>Do not keep animals under open conditions for a long time. Provide sufficient drinking water to them. |          |                                |

|              |                          |  |   |
|--------------|--------------------------|--|---|
| Paddy        | Grain filling stage      | Rice bug<br>            | 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.  |
| Coconut      | Various stages           | Red palm weevil<br>     | 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.<br><br>Control: Prepare Spinosad @ 4ml/litre of water and fill in the holes on the trunks and axils of the second and third whirls of leaves, from the spindle leaf.<br><br>Adopt field sanitation. |
| Bitter gourd | All stages               | Fruit fly<br>          | Setting up of pheromone trap(Cue lure @1/15 cent)<br>+<br><br>Spot application of 10 % jaggery containing 0.1 % malathion@1 spot/40 m <sup>2</sup> on underside of leaves at fortnight intervals.   |
| Brinjal      | Various stages of growth | Epilachna beetle<br>  | Collection and destruction of every stage of the pest. Spray neem seed kernel extract @ 5 %. Apply neem – oil garlic emulsion @ 20 ml per litre.  |
| Tomato       | All stages               | Bacterial wilt<br>    | Drench the soil with copper oxy chloride 2% (2g/ litre water).  |
| Mango        | Fruit maturing stage     | Mango fruit flies<br> | 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.   |

\*\* Warning colour codes of rainfall (for disaster management)

|                        |                     |                    |                         |
|------------------------|---------------------|--------------------|-------------------------|
| Warning (Take actions) | Alert (Be prepared) | Watch (Be updated) | No warning (No actions) |
|------------------------|---------------------|--------------------|-------------------------|