



Agromet Advisory Bulletin for Ernakulam District

(Valid from 15.06.2024 to 19.06.2024)

Prepared by the Department of Agricultural Meteorology, Kerala Agricultural University, COA, Vellanikkara
based on the medium range weather forecast of India Meteorological Department (IMD), New Delhi

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A Medium range weather forecast of IMD for next five days

| Weather parameters | 15.06.2024 | 16.06.2024 | 17.06.2024 | 18.06.2024 | 19.06.2024 |
|-------------------------------|------------|------------|------------|------------|------------|
| Rainfall (mm) | 4 | 6 | 10 | 15 | 13 |
| Maximum temperature (°C) | 32 | 32 | 32 | 32 | 32 |
| Minimum temperature (°C) | 25 | 25 | 25 | 25 | 25 |
| Maximum Relative Humidity (%) | 92 | 92 | 92 | 92 | 92 |
| Minimum Relative Humidity (%) | 78 | 78 | 78 | 78 | 78 |
| Wind speed (kmph) | 4 | 3 | 3 | 4 | 2 |
| Wind direction (deg) | 290 | 320 | 290 | 250 | 270 |
| Total cloud cover (octa) | 8 | 8 | 8 | 8 | 8 |

Weather summary / Alert: As per the forecast of IMD, there is a chance of Moderate rainfall in isolated places of the district. Below normal rainfall is expected in Kerala.

B. Agrometeorological Advisories for crop protection & management

C. General and Agrometeorological Advisories for Ernakulum District (RRS Vyttila)

Special crop management is required for agricultural crops before monsoon season. Proper drainage facilities have to be ensured. If the soil is more acidic, add lime as per soil testing. Pesticides should not be applied during rainy period. Provide supports for the bananas. Make the vegetable pandals stronger. Avoid standing in open areas to protect farmers and livestock from lightning and thunder.

| Crop | - | Crop/ Animal Advisory |
|-----------------|--------------------------|--|
| Paddy (Pokkali) | Management | The sprouted seeds to be sown on the top of the already prepared mounds and the seeds to be plastered with mud. |
| Paddy (Virippu) | Management | Preparations for sowing can be done in the case of direct sowing or sowing in nursery for transplantation. |
| Banana | Sigatoka leaf spot | Remove and destroy severely infected and completely dried leaves. Improve drainage facilities. Spray 1 % Bordeaux mixture or Mancozeb 75 WP 3g per litre water along with stickers 4-5 times at 2-3 weeks interval as a prophylactic measure. In diseased field spray Hexaconazole 5EC ml per litre water. |
| Pepper | Foot rot | As a prophylactic measure, add 2.5 kg Trichoderma enriched organic manure to each vine. |
| Vegetables | Leaf eating caterpillars | Collection and destruction of pest infected parts along with caterpillars, spray neem oil emulsion or neem seed kernel extract or Beauveria 20g / litre of water in the initial stages of infestation itself. |

Animal Husbandry: - Deworm the animals after dung examination. Take precautions to avoid ecto parasitic infestation. Care should be taken to prevent rat breeding in the premises of cattle shed to prevent leptospirosis..