



Agromet Advisory Bulletin for Ernakulam District

(Valid from 05.11.2022 to 09.11.2022)

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 | 05.11.2022 | 06.11.2022 | 07.11.2022 | 08.11.2022 | 09.11.2022 |
|-------------------------------|------------|------------|------------|------------|------------|
| Rainfall (mm) | 11 | 5 | 2 | 3 | 1 |
| Maximum temperature (°C) | 30 | 30 | 30 | 30 | 30 |
| Minimum temperature (°C) | 25 | 25 | 25 | 25 | 25 |
| Maximum Relative Humidity (%) | 95 | 95 | 95 | 95 | 95 |
| Minimum Relative Humidity (%) | 78 | 78 | 78 | 78 | 78 |
| Wind speed (kmph) | 4 | 2 | 2 | 2 | 2 |
| Wind direction (deg) | 250 | 250 | 250 | 250 | 250 |
| Total cloud cover (octa) | 6 | 7 | 6 | 8 | 7 |

RAINFALL FORECAST FOR NEXT FIVE DAYS

| 2022 November 05 | 2022 November 06 | 2022 November 07 | 2022 November 08 | 2022 November 09 |
|------------------|------------------|------------------|------------------|------------------|
| Light rain | Light rain | Very light rain | Light rain | Very light rain |

Weather summary / Alert: Light rainfall is expected in the district and Moderate rainfall in isolated places. Normal rainfall is expected in Kerala.

B. Agrometeorological Advisories for crop protection & management

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

Prophylactic measures to control crop pest & diseases can be taken to avoid their spread.

| Crop | Pest/ Disease | Crop/ Animal Advisory |
|----------------|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Rice (Pokkali) | Harvesting stage | Rice (Pokkali) is in harvesting stage. |
| Rice (General) | Sheath rot and foot rot | Spray Hexaconazole 5EC 1.5 ml per litre after draining the field |
| Banana | Leaf spot | 20g / L <i>Pseudomonas</i> can be sprayed in initial stages, rhizome treatment in 50g <i>Pseudomonas</i> per litre water for 30 minutes; 1% Bordeaux mixture can be sprayed 3 to 4 times in 3 to 4 weeks interval. |
| Coconut | Management | Clean the crown, sanitise the field and crop residues and other rubbishes to be burned in the filed away from basins. 1/4 th dose of fertilizers can be given for irrigated palms. Mulching can also be practiced. |