



## Agromet Advisory Bulletin for Ernakulam District

(Valid from 17.06.2023 to 21.06.2023)

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	17.06.2023	18.06.2023	19.06.2023	20.06.2023	21.06.2023
Rainfall (mm)	3	5	11	19	10
Maximum temperature (°C)	31	31	31	31	31
Minimum temperature (°C)	28	28	28	26	26
Maximum Relative Humidity (%)	96	89	92	95	94
Minimum Relative Humidity (%)	80	60	66	72	89
Wind speed (kmph)	8	8	12	8	6
Wind direction (deg)	320	270	320	290	340
Total cloud cover (octa)	7	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 during 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 rain.

Crop	Pest/ Disease	Crop/ Animal Advisory
Paddy (Pokkali)	Management	After checking the salinity, preparations for sowing can be done
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.