



## Agromet Advisory Bulletin for Ernakulam District

(Valid from 08.02.2023 to 12.02.2023)

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

**AAS Bulletin No: 06/2023, (11) Tuesday** **dated 07.02.2023**

Weather parameters	08.02.2023	09.02.2023	10.02.2023	11.02.2023	12.02.2023
Rainfall (mm)	0.1	0	0	0	0
Maximum temperature (°C )	31	32	32	32	31
Minimum temperature (°C )	23	24	24	24	24
Maximum Relative Humidity (%)	80	80	80	80	80
Minimum Relative Humidity (%)	40	40	40	40	40
Wind speed (kmph)	4	3	4	4	4
Wind direction (deg)	50	70	50	50	50
Total cloud cover (octa)	5	5	6	5	2

### A. Medium range weather forecast of IMD for next five days

RAINFALL FORECAST FOR NEXT FIVE DAYS				
2023 February 08	2023 February 09	2023 February 10	2023 February 11	2023 February 12
Very light rain	No rain	No rain	No rain	No rain

**Weather summary / Alert:** Since dry weather condition is prevailed, irrigation of crops can be continued as per requirement. Normal rainfall is expected in Kerala.

### B. Agrometeorological Advisories for crop protection & management

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

Since dry weather condition is prevailed, irrigation of crops can be continued as per requirement. Since the wind speed may increase, give strong propping to banana and staking to vegetables. Prophylactic measures to control crop pests & diseases can be taken to avoid their spread.

Crop	Pest/ Disease	Crop/ Animal Advisory
Puncha rice (Seedling stage)	Crop Management	Transplant seedlings at 4 to5 leaf stage. The root of seedlings should be soaked for 30 minutes in a solution of <i>Pseudomonas</i> culture @10g per one liter of water to control sheath blight, sheath rot, leaf spot disease etc. in future.
Banana	Rhizome Weevil	There is a chance of Rhizome Weevil attack in banana. Cut and remove the outer layer of the rhizome and sundry for 3-4 days after smearing it with slurry of cow dung and ash. As a precaution, apply neem cake @ 1 kg/plant at the time of planting.
Cucurbitaceo us Vegetables	Mosaic disease	There is a chance of Mosaic disease attack in cucurbitaceous vegetables. Rouge out the affected plants. As a prophylactic measure, spray 2% neem oil garlic emulsion.

**Animal Husbandry-** Ensure sufficient supply of clean drinking water to the animals. Contact nearby veterinary hospitals to vaccinate the animals against infectious diseases. Care should be taken to avoid fungal growth in the cattle feed.