



Agromet Advisory Bulletin for Ernakulam District

(Valid from 11.02.2023 to 15.02.2023)

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, (12) Friday

dated 10.02.2023

Weather parameters	11.02.2023	12.02.2023	13.02.2023	14.02.2023	15.02.2023
Rainfall (mm)	0	0	0	0	0
Maximum temperature (°C)	31	31	31	31	31
Minimum temperature (°C)	25	24	24	24	24
Maximum Relative Humidity (%)	90	90	90	90	90
Minimum Relative Humidity (%)	60	60	60	60	60
Wind speed (kmph)	6	6	6	6	6
Wind direction (deg)	250	250	250	250	270
Total cloud cover (octa)	4	6	6	6	2

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

RAINFALL FORECAST FOR NEXT FIVE DAYS				
2023 February 11	2023 February 12	2023 February 13	2023 February 14	2023 February 15
No 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. Below normal rainfall is expected in Kerala.

B. Agrometeorological Advisories for crop protection & management

C. General and Agrometeorological Advisories for Ernakulam 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.