



Agromet Advisory Bulletin for Ernakulam District

(Valid from 08.03.2023 to 12.03.2023)

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	08.03.2023	09.03.2023	10.03.2023	11.03.2023	12.03.2023
Rainfall (mm)	0	0	0	0.1	0.1
Maximum temperature (°C)	32	32	32	33	33
Minimum temperature (°C)	25	25	25	24	24
Maximum Relative Humidity (%)	79	79	79	79	79
Minimum Relative Humidity (%)	35	35	35	35	35
Wind speed (kmph)	12	12	12	12	12
Wind direction (deg)	270	270	270	270	270
Total cloud cover (octa)	2	3	4	2	3

Weather summary / Alert: Very light rainfall is expected in 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)

The following are immediate steps to be followed to protect farmers, plants, and birds from the summer heat. Drink plenty of clean water from time to time to prevent dehydration. Avoid going out in hot weather. Thus you can get rid of sunburn. While working in the farm, try to use a hat or an umbrella to prevent direct sunlight. As the climate is hot and dry, irrigate the crops as required to ensure adequate soil moisture. Irrigate only, when there is no strong sunlight. Drip irrigation can reduce water loss to some extent.

Crop	Pest/ Disease	Crop/ Animal Advisory
Puncha Rice	Blast	To control Blast disease in rice, spray 4 gram of Nativo (Trifloxystrobin + Tebuconazole) mixture in ten litres of water.
Amaranthus	blight	Intercrop red and green varieties, seed treatment with <i>Trichoderma</i> or <i>Pseudomonas</i> , restrict irrigation to the basin, dissolve 20 g cow dung in one litre of water and spray supernatant liquid by mixing with 20 g <i>Pseudomonas</i> with the onset of initial symptoms itself, foliar spray and soil drenching with Turmeric powder (5 g) + baking soda (1 g) mixture in one litre water at 7-8 days interal is also recommended for its control.
Ginger	Management	Clear the field during February-March and burn the weeds, stubbles, roots etc. in situ. Prepare the land by ploughing or digging and apply lime. Prepare beds of convenient length 1 m width, 25 cm height with 40 cm spacing between the beds. Provide drainage channels. For irrigated ginger, the best suited time for planting is middle of February. Otherwise the best time for planting ginger is During the first fortnight of April.

Fisheries-Management- Ornamental fish farming is a source of income for unemployed women. The pond can be constructed using aquarium tank, empty fridge box, tarpaulin sheet, concrete tank etc.