



Agromet Advisory Bulletin for Ernakulam District

(Valid from 22.01.2025 to 26.01.2025)

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	22.01.2025	23.01.2025	24.01.2025	25.01.2025	26.01.2025
Rainfall (mm)	0	0.1	0	0	0
Maximum temperature (°C)	32	32	32	32	32
Minimum temperature (°C)	25	25	25	25	25
Maximum Relative Humidity (%)	78	78	78	78	78
Minimum Relative Humidity (%)	58	58	58	58	58
Wind speed (kmph)	2	2	4	4	4
Wind direction (deg)	250	250	250	270	270
Total cloud cover (octa)	4	4	5	3	4

Weather summary / Alert: - Since dry weather condition is prevails, irrigation of crops can be continued as per requirement. Normal to above normal rainfall is expected in Kerala.

B. Agrometeorological Advisories for crop protection & management

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

General Advisory: - Prophylactic measures can be taken to control and to avoid the spread of crop pest and diseases. Since there is a chance of dry weather condition due to strong wind and high evaporation, crops should be irrigated, when required. Since the wind speed may increase, give strong propping to banana and staking to vegetables. Proper mulching can be followed to conserve soil moisture.

Crop	Pest/ Disease, Crop Management	Agromet Advisory
Rice (Mundakan) Dough stage	Bacterial Leaf Blight	To control and prevent Bacterial leaf blight in paddy, dissolve 20 g of cow dung in one litre of water and spray the supernatant liquid by mixing with 20g of pseudomonas. If the attack is severe spray 6 g of Streptocycline in 20 litre of water.
Rice (Puncha) Seedling stage	Thrips	Flooding the rice field will manage the thrips population to an extent. In severe cases, spray Thiamethoxam 25 WG 2g in 10 litre water.
Banana	Pseudostem weevil	Place the cadavars infected with entomopathogenic nematodes in the fourleaf axils around the spindle in plants of 4-5 months old.
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.

Animal Husbandry: Deworm the animals after dung examination. Vaccinate animals against foot and mouth disease. Care should be taken to avoid ecto parasitic infestation. (CAADECCS, KVASU, Mannuthy).