



Agromet Advisory Bulletin for Ernakulam District

(Valid from 20.12.2025 to 24.12.2025)

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	20.12.2025	21.12.2025	22.12.2025	23.12.2025	24.12.2025
Rainfall (mm)	0.1	0	0	0	0
Maximum temperature (°C)	32	32	32	32	32
Minimum temperature (°C)	22	22	22	22	22
Maximum Relative Humidity (%)	75	75	75	75	75
Minimum Relative Humidity (%)	50	50	50	50	50
Wind speed (kmph)	3	4	4	3	4
Wind direction (deg)	290	250	270	290	290
Total cloud cover (octa)	3	3	3	3	4

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 Ernakulum District (RRS Vyttila)

General Advisory: -Prophylactic measures can be taken to control crop pest & diseases. Proper mulching of crops can be followed to conserve soil moisture.

Crop	Pest/ Disease, Crop Management	Agromet Advisory
Paddy(Mundakan) Panicle initiation stage	Leaf folder	During cloudy weather condition, there is a chance of leaf folder attack in paddy. Trim the bunds and remove grassy weeds. Release of <i>Trichogramma chilonis</i> (5 cc / Ha) when moth activity is noticed. Set up light trap to monitor the moth population.
Tree crops	Pink disease	As the temperature increases, there is a chance of Pink disease in tree crops. Drench and spray Hexaconazole 5EC 2ml per litre. Once the rain subsides, cut the affected branches or swab 10% Bordeaux paste or Copper oxy chloride (10g per litre).
Cool season vegetables	Management	As the temperature increases, Necessary irrigation to be provided for cabbage and cauliflower till the formation of head / curd. Cover the curd with 3-4 surrounding leaves to prevent discoloration when the flower is half mature stage (blanching).
Turmeric, cowpea, elephant foot yam	<i>Sclerotium</i> rot	Store disease free planting materials for next crop. Before storing corms/rhizomes from diseased fields, treat them with 0.2% Mancozeb/Carbemndazim or <i>Trichoderma</i> (5 g per Kg seeds) dissolved in cow dung supernatant or 0.7% Nanma and dry in shade. Treat seeds with <i>Trichoderma</i> (5 g per Kg seeds) dissolved in cow dung supernatant before planting.

Fish farming- Carp varieties like Catla, Rohu, Mrigal, Grass carp, Silver carp and Common carp and fishes like Varal, Kari, Pangasius and Tilapia can be suitable species for fresh water fish culture.