



Agromet Advisory Bulletin for Ernakulam District

(Valid from 18.06.2025 to 22.06.2025)

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	18.06.2025	19.06.2025	20.06.2025	21.06.2025	22.06.2025
Rainfall (mm)	12	7	4	4	5
Maximum temperature (°C)	30	30	30	30	30
Minimum temperature (°C)	23	23	23	23	23
Maximum Relative Humidity (%)	95	95	95	95	95
Minimum Relative Humidity (%)	85	85	85	85	85
Wind speed (kmph)	8	4	8	6	6
Wind direction (deg)	270	290	290	290	270
Total cloud cover (octa)	8	8	8	8	8

Weather summary / Alert: -. As per the forecast of IMD, there is a chance of heavy rainfall in the district. There is a chance of strong winds in Kerala from June 17 to 19 2025. 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: -Special crop management is required for agricultural crops before monsoon season. Proper drainage facilities have to be ensured. If the soil is more acidic, add lime as per soil testing. Pesticides should not be applied during rainy period. Provide supports for the bananas. Make the vegetable pandals stronger. Avoid standing in open areas to protect farmers and livestock from lightning and thunder.

Crop	Pest/ Disease, Crop Management	Agromet Advisory
Rice (virippu)	Seedling stage	Due to heavy rainfall, postpone land preparation, nursery and transplanting work.
Banana	All Stages	Due to heavy rainfall Proper drainage facilities have to be ensured. Propping should be done to protect banana plants from heavy rain and wind.
Coconut	All Stages	Due to heavy rainfall Proper drainage facilities have to be ensured. Open the basin of coconut palms to hold rain water. Application of plant protection chemicals can be postponed.
Vegetables	All Stages	Due to heavy rainfall Proper drainage facilities have to be provided for vegetables since heavy rains expected. Staking is recommended for vegetables in pandals. Application of plant protection chemicals can be postponed.

Animal Husbandry: Cattle feed should be stored on a wooden board or iron board. If moisture is in the cattle feed it may cause deadly fungal growth. Animals should not be allowed to go to water logged areas in order to avoid anthrax and foot lesions. Since there is a chance of mixing of contaminated water in water resources, apply disinfectants available in the market as per manufacturer's instructions. (CAADECCS, KVASU, Mannuthy)