



## Agromet Advisory Bulletin for Ernakulam District

(Valid from 06.11.2024 to 10.11.2024)

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	06.11.2024	07.11.2024	08.11.2024	09.11.2024	10.11.2024
Rainfall (mm)	4	0.5	0.2	5	6
Maximum temperature (°C)	32	32	32	32	32
Minimum temperature (°C)	24	24	24	24	24
Maximum Relative Humidity (%)	87	87	87	87	87
Minimum Relative Humidity (%)	76	76	76	76	76
Wind speed (kmph)	2	2	2	2	2
Wind direction (deg)	230	250	360	250	200
Total cloud cover (octa)	8	8	7	8	8

Weather summary / Alert: As per the forecast of IMD, there is a chance of light rainfall 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)

Special crop management is required for agricultural crops during 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 to banana crops. Make the vegetable pandals stronger.

Crop	Pest/ Disease, Crop Management	Agromet Advisory
Paddy (Mundakan) Seedling stage	Sheath rot and sheath blight	Spray Hexaconazole 5EC 1.5 ml per litre after draining the field
Coconut	Rhinoceros beetle	Field sanitation; top most three leaf axils may be filled with 25g neem cake and 200g sand mixture or naphthalene balls and sand as a prophylactic measure and repeat this procedure 45 days interval; Crown cleaning followed by the application of 20g cartap hydrochloride 4G/ Fipronil 0.3G/ Carbosulphan 6G mixed with 200g sand on top three leaf axils; <b>mist net balls</b> can be inserted around leaf spindles.
Various crops	Caterpillars	Neem seed kernel extract 5% (Grind 50g Neem seed kernel to coarse powder, put in muslin cloth bag, keep immersed in 1 L water overnight. Thereafter, squeeze the cloth bag by dipping in water repeatedly till the water coming out from cloth bag becomes clear); <i>Beauveria bassiana</i> 20g per liter can be sprayed; Chlorantranilipole 18.5 SC 3ml / 10 liter water can be sprayed. If the hairy caterpillars are spreading to homesteads, Cypermethrin 1 ml per litre along with a sticker can be applied.
Cool season vegetables	Planting	One month old seedlings to be transplanted to already prepared field @ 90-100 seedlings/cent or in grow bags. 100 Kg <i>Trichoderma</i> enriched cowdung/compost can be applied before planting as basal dose. Complete transplanting before third week of November.

Fish farming: - Due to frequent rainfall, fish pond water level may increase in coming days. So farmers to take necessary steps to prevent the escape of fishes like fencing the fish pond by net.