



## Agromet Advisory Bulletin for Ernakulam District

(Valid from 07.9.2022 to 11.9.2022)

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

AAS Bulletin No: 36/2022, (71) Tuesday

dated 06.9.2022

### A. Medium range weather forecast of IMD for next five days

Weather parameters	07.09.2022	08.09.2022	09.09.2022	10.09.2022	11.09.2022
Rainfall (mm)	40	30	15	20	15
Maximum temperature (°C )	30	29	29	30	30
Minimum temperature (°C )	24	24	24	25	25
Maximum Relative Humidity (%)	96	96	96	96	96
Minimum Relative Humidity (%)	80	80	80	80	80
Wind speed (kmph)	30	20	8	4	4
Wind direction (deg)	250	250	270	270	250
Total cloud cover (octa)	8	8	8	8	8

### RAINFALL FORECAST FOR NEXT FIVE DAYS

2022 September 07	2022 September 08	2022 September 09	2022 September 10	2022 September 11
Moderate rain	Moderate rain	Light rain	Moderate rain	Light rain

**Weather summary / Alert:** Moderate rainfall is expected in the district and heavy and very heavy rainfall in isolated places. Above normal rainfall is expected in Kerala.

### B. Agrometeorological Advisories for crop protection & management

#### C. General and Agrometeorological Advisories for (RRS Vyttila)

Proper drainage facilities have to be ensured in the field.

If necessary, spray pesticides mixing with stickers during clear sky.

Crop	Pest/ Disease	Crop/ Animal Advisory
Paddy (virippu) Panicle initiation	Blast disease	To control rice blast disease, spray fujion at the rate of 1.5 ml per liter of water (or) spray 1 ml of isoprothiolane per one liter of water (or) 4 g of trifloxystrobin + tebuconazole per 10 liters of water. At the onset of symptoms.
Coconut	Management	While applying second dose of fertilizers to coconut palms, apply 550 gram of urea, 700 gram of rajphos and 800 gram of potash under irrigated conditions. Apply 500 gram of urea, 800 gram of rajphos and one kg potash under rainfed conditions.
Pepper	Foot rot	As a prophylactic measure, apply 2.5 kg of Trichoderma enriched farm yard manure to each pepper plant as a precaution. (or) spray 20 grams of pseudomonas in one liter of water. Infected vines should be pruned and spray with a 1% Bordeaux mixture (or) drench the basin with 2.5 grams of copper oxychloride in one liter of water.

Animal Husbandry-Vaccinate animals against foot and mouth disease and Hemorrhagic Septicaemia.

Care should be taken to avoid fungal growth in the animal feed. So dry the feed in the hot sun and place the feed bag on the top of the wooden board. (CAADECCS, KVASU, Mannuthy).