



Agromet Advisory Bulletin for Ernakulam District

(Valid from 09.8.2022 to 13.8.2022)

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: 32/2022, (63) Monday

dated 08.8.2022

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

Weather parameters	09.08.2022	10.08.2022	11.08.2022	12.08.2022	13.08.2022
Rainfall (mm)	10	11	10	5	3
Maximum temperature (°C)	29	29	29	30	30
Minimum temperature (°C)	24	24	24	25	25
Maximum Relative Humidity (%)	95	95	95	95	95
Minimum Relative Humidity (%)	90	90	90	90	90
Wind speed (kmph)	8	5	5	4	4
Wind direction (deg)	290	270	250	270	320
Total cloud cover (octa)	8	8	8	6	6

RAINFALL FORECAST FOR NEXT FIVE DAYS				
2022 August 09	2022 August 10	2022 August 11	2022 August 12	2022 August 13
Light rain	Light rain	Light rain	Light rain	Light rain

Weather summary / Alert: Light rainfall is expected in the district and 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 paddy fields as well as in agricultural fields. Since there is a chance of wind, Provide propping to banana plants and strengthen the vegetable pandals. If there is no chance of rain for four to five hours, pesticides can be applied by mixing with gum. Livestock's should be sheltered under strong roofs.

Crop	Pest/ Disease	Crop/ Animal Advisory
Paddy (virippu) Tillering stage	Bacterial Leaf blight	As a prophylactic measure to manage Bacterial Leaf Blight (B L B) during rainy season, dissolve 20 g of cow dung in one litre of water and spray the supernatant liquid by mixing with 20g of pseudomonas. Apply bleaching powder @ 20 bags of 100 gm each for one acre in the irrigation channels for checking the spread of the disease. Spry antibiotics viz. 6 g of streptocycline in 30 litre of water in severe cases.
Paddy (Pokkali)	Purple moorhen	Strategies to manage purple moorhen are very essential in pokkali ecosystem like using nets, reflective ribbons (red and silver) or by erecting rope grids over the canopy.
Cassava	Foot rot	Strict sanitation by removing and burning infected plants; crop rotation with suitable crops in two years; ensure good drainage; apply lime @ 150-250 g per plant two weeks before planting; application of neem cake 20 g per plant; application of 1 Kg <i>Trichoderma</i> enriched farm yard manure/compost; Sett treatment with Carbendazim (0.1%) or combination of Carbendazim and mancozeb (0.2%) for 10 minutes; Drenching same fungicides starting from planting three times at 15 days interval.

Fisheries management- Fresh water fish Pangasius (Malasian vala or Assam vala) can be stocked @ 500 numbers/cent in a pond, as they have the ability to capture oxygen from pond surface.