



Gramin Krishi Mousam Sewa (GKMS), Thrissur
Agromet Advisory Bulletin for Ernakulam District
(Valid from 29.12.2021 to 02.1.2022)

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: 01/2021, (1) Tuesday dated 28.12.2021

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

Weather parameters	29.12.2021	30.12.2021	31.12.2021	01.1.2022	02.1.2022
Rainfall (mm)	0	0	0	1	1
Maximum temperature (°C)	31	31	31	31	31
Minimum temperature (°C)	23	23	23	23	23
Maximum Relative Humidity (%)	85	85	85	85	85
Minimum Relative Humidity (%)	65	65	65	65	65
Wind speed (kmph)	6	6	8	8	8
Wind direction (deg)	250	230	270	270	270
Total cloud cover (octa)	1	3	3	2	1





RAINFALL FORECAST FOR NEXT FIVE DAYS

2021 December 29	2021 December 30	2021 December 31	2022 January 1	2022 January 2
No rain			Very light rain	

Weather summary / Alert: Due to no rainfall and prevailing dry weather conditions, irrigation of crops can be continued, when required in the district. Below normal rainfall is expected in Kerala.

B. Agrometeorological Advisories for crop protection & management

Due to no rainfall and prevailing dry weather conditions, irrigation of crops can be continued, when required. Since the wind speed may increase, give strong propping to banana and staking to vegetables.

Crop	Pest/ Disease	Crop/ Animal Advisories (RRS Vyttila)	
Mundakan Rice in Milky stage	Bacterial Leaf blight		To control and prevent Bacterial Leaf blight in paddy, dissolve 20 g of cow dung in one litre of water and spray the supernatant liquid by mixing with 20g of pseudomonas in one litre of water.
Puncha Rice in sowing			Seed treatment- Dress the seeds with pseudomonas before sowing. (10 gram of pseudomonas per one kg of paddy seeds.)
Vegetables	Sucking pests		Spraying of <i>Leccanicilium leccani</i> 20 g / L at weekly intervals to be done from the initial stage of infestation. Higher population of the pests can be suppressed by spraying Neem based insecticides or Dimethoate 30 EC (1.5 ml / L) or Thiamethoxam 20 WG (2g / 10 L). The spray fluid should be directed towards either side of leaves. In the case of mealy bugs, white flies etc., spraying of soap solution to be done before the application of chemicals to dissolve the waxy covering
Cool season vegetables	Management		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 curd is half mature stage (blanching) in cauliflower.
Fish farming	Fish farmers are advised to keep sunshade net over fish pond which will be helpful to control over growth of green planktons.		