



Gramin Krishi Mousam Sewa (GKMS), Thrissur
Agromet Advisory Bulletin for Ernakulam District
(Valid from 05.1.2022 to 09.1.2022)

*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*

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

Weather parameters	05.1.2022	06.1.2022	07.1.2022	08.1.2022	09.1.2022
Rainfall (mm)	0	0	0	0	0
Maximum temperature (°C)	32	32	32	32	31
Minimum temperature (°C)	24	24	24	24	22
Maximum Relative Humidity (%)	75	75	75	75	75
Minimum Relative Humidity (%)	60	60	60	60	60
Wind speed (kmph)	10	10	12	10	10
Wind direction (deg)	270	270	270	270	270
Total cloud cover (octa)	2	1	5	6	5





RAINFALL FORECAST FOR NEXT FIVE DAYS

2022 January 5	2022 January 6	2022 January 7	2022 January 8	2022 January 9
No 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 (seedling stage)	Thrips	 Flooding the rice field will manage the thrips population to an extent. In severe cases, spray Thiamethoxam 25 WG 2g in 10 litre water.
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
vegetables	Powdery mildew in cucurbits	 Spray Dinocap 1 ml per litre or <i>Trichoderma viridae</i> 20g per litre or neem oil 2% as three foliar sprays at 14 days interval on symptom appearance..
Fish farming		Fish varieties like pearl spot, milk fish (poomeen), kalanji, thirutha, prawns, crabs, chemballi etc. can be employed for saline water fish farming.