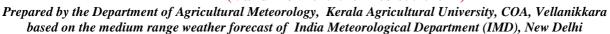




Gramin Krishi Mousam Sewa (GKMS), Thrissur

Agromet Advisory Bulletin for Ernakulam District

(Valid from 01.1.2022 to 05.1.2022)



AAS Bulletin No: 01/2021, (2) Friday

dated 31.12.2021

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

Weather parameters	01.1.2022	02.1.2022	03.1.2022	04.1.2022	05.1.2022
Rainfall (mm)	1	2	1	1	0
Maximum temperature (°C)	31	31	31	31	31
Minimum temperature (°C)	23	22	22	22	22
Maximum Relative Humidity (%)	75	75	75	75	75
Minimum Relative Humidity (%)	60	60	60	60	60
Wind speed (kmph)	8	10	8	8	12
Wind direction (deg)	270	250	270	270	270
Total cloud cover (octa)	4	4	2	6	4

RAINFALL FORECAST FOR NEXT FIVE DAYS					
2022 January 1	2022 January 2	2022 January 3	2022 January 4	2022 January 5	
Very light rain			No rain		

Weather summary / Alert: Very light rainfall is expected in isolated places of the district. Below normal rainfall is expected in Kerala.

B. Agrometeorological Advisories for crop protection & management

Since there is a chance of dry weather condition due to strong wind and high evaporation, crops should be irrigated, 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 Puncha Rice	Bacterial Leaf	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. Seed treatment- Dress the seeds with pseudomonas before sowing. (10 gram of	
in sowing		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 form of head / curd. Cover the curd with 3-4 surrounding leaves to prevent discolor when the curd is half mature stage (blanching) in cauliflower.	
Fish farming	Fish farmers are planktons.	advised to keep sunshade net over fish pond which will be helpful to control over growth of green	