



Gramin Krishi Mousam Sewa (GKMS), Thrissur
Agromet Advisory Bulletin for Thrissur District
(Valid from 01.1.2022 to 05.1.2022)

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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dated 31.12.2021

A. Significant weather for the preceding week at vellanikkara

Rainfall (mm)	Maximum Temp.(°C)	Minimum Temp.(°C)	RH FN (%)	RH AN (%)	Wind speed (Km/h)	Sun shine hours	Evap. (mm)
(0.0)	(31.7-33.0)	(19.7-22.5)	(57-81)	(44-54)	(3.4-6.2)	(7.5-9.7)	(2.9-5.3)

B. 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)	0	0	0	0	0
Maximum temperature (°C)	33	32	32	32	32
Minimum temperature (°C)	25	24	24	24	23
Maximum Relative Humidity (%)	75	75	75	75	75
Minimum Relative Humidity (%)	50	50	50	50	50
Wind speed (kmph)	14	14	14	14	14
Wind direction (deg)	70	50	70	50	50
Total cloud cover (octa)	4	5	3	6	4





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.

RAINFALL FORECAST FOR NEXT FIVE DAYS

2022 January 1	2022 January 2	2022 January 3	2022 January 4	2022 January 5
No Rain				

C. General and Agrometeorological Advisories for Thrissur District

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 Advisory
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 Pest 	Due to increase in atmospheric temperature, the attack of sucking pest was increased. They can be controlled by applying 2% neem oil emulsion once in a week or by spraying Lecanicillium lecanii at 20 g per litre of water.
Cabbage/ Cauliflower	Spodoptera 	If the attack is in the initial stage, the affected leaves should be destroyed along with egg, caterpillar and pupa. Neem Kernel suspension (5 percentage) should be sprayed. If the attack is severe, spray Flubendamide (Tukumi) 2 ml per ten litre of water or Chlorantraniliprole (Coragen) 3 ml per ten litre of water.
Animal Husbandry	Deworm the animals after dung examination. Vaccinate animals against foot and mouth disease. Care should be taken to avoid ecto parasitic infestation. (CAADECCS, KVASU, Mannuthy).	