



Gramin Krishi Mousam Sewa (GKMS), Thrissur
Agromet Advisory Bulletin for Thrissur District
(Valid from 22.12.2021 to 26.12.2021)

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 21.12.2021

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)	(31.5-33.3)	(23.3-25.4)	(67-76)	(48-61)	(6.6-10.4)	(6.7-9.4)	(4.2-5.7)

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

Weather parameters	22.12.2021	23.12.2021	24.12.2021	25.12.2021	26.12.2021
Rainfall (mm)	0	0	0	0	0
Maximum temperature (°C)	31	33	33	33	33
Minimum temperature (°C)	22	22	22	22	22
Maximum Relative Humidity (%)	68	68	68	68	68
Minimum Relative Humidity (%)	53	53	53	53	53
Wind speed (kmph)	8	8	10	10	12
Wind direction (deg)	50	50	50	50	50
Total cloud cover (octa)	2	2	2	2	2




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

2021 December 22	2021 December 23	2021 December 24	2021 December 25	2021 December 26
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 Panicle Emergence	Brown Plant Hopper (BPH)	 During cloudy weather condition, there is a chance of Brown plant hopper attack in rice. Spray Imidacloprid 3ml per ten litre of water or Thiamethoxam 2 gram per ten litre of water.
	Bacterial Leaf blight	
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).	