



**Gramin Krishi Mousam Sewa (GKMS), Thrissur**  
**Agromet Advisory Bulletin for Thrissur District**  
**(Valid from 18.12.2021 to 22.12.2021)**

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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**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)	(31.7-33.3)	(24.0-25.4)	(73-76)	(49-65)	(5.9-10.3)	(6.7-9.8)	(4.4-5.7)

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

Weather parameters	18.12.2021	19.12.2021	20.12.2021	21.12.2021	22.12.2021
Rainfall (mm)	0	0	0	0	0
Maximum temperature (°C)	33	33	33	33	33
Minimum temperature (°C)	24	24	24	24	24
Maximum Relative Humidity (%)	70	70	70	70	70
Minimum Relative Humidity (%)	53	53	53	53	53
Wind speed (kmph)	10	13	12	10	8
Wind direction (deg)	50	50	50	50	50
Total cloud cover (octa)	4	4	3	3	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 18	2021 December 19	2021 December 20	2021 December 21	2021 December 22
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	Rice bug 	There is a chance of rice bug attack in paddy. To control, keep the field and bunds free of weeds and grasses. Avoid over lapping cultivation in an area. Spray fish jaggery extract (20 ml/litre of water) or spray chitin based <i>Pseudomonas flurescens</i> 20 gram in one litre of water. If the attack was severe, spray Azadirachtin 10 ml or Malathion 2 ml per litre of water. Pesticides application should be done either before 9 am or after 3 pm. Otherwise, the pesticide application will adversely affect the pollination.
Coconut	Bud rot 	To control the Bud rot in coconut, chisel out the affected area and apply 10% Bordeaux paste. Care should be taken to protect the affected area.
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 <i>Lecanicillium lecanii</i> at 20 g per 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).	