



Gramin Krishi Mousam Sewa (GKMS), Thrissur
Agromet Advisory Bulletin for Thrissur District
(Valid from 15.12.2021 to 19.12.2021)

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 14.12.2021

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)	(32.5-33.6)	(22.8-25.4)	(73-93)	(49-59)	(1.0-9.3)	(5.4-9.8)	(2.6-5.5)

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

Weather parameters	15.12.2021	16.12.2021	17.12.2021	18.12.2021	19.12.2021
Rainfall (mm)	0	0	0	0	0
Maximum temperature (°C)	33	33	33	33	33
Minimum temperature (°C)	25	25	25	25	25
Maximum Relative Humidity (%)	75	75	75	75	75
Minimum Relative Humidity (%)	53	53	53	53	53
Wind speed (kmph)	14	14	10	8	8
Wind direction (deg)	70	70	70	70	70
Total cloud cover (octa)	4	6	4	4	4




Weather summary / Alert: Less chance of getting rainfall is expected in the district.
 Below normal rainfall is expected in Kerala.

RAINFALL FORECAST FOR NEXT FIVE DAYS

2021 December 15	2021 December 16	2021 December 17	2021 December 18	2021 December 19
No Rain				

C. General and Agrometeorological Advisories for Thrissur District

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 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. (CADECCS, KVASU, Mannuthy).	