



Agromet Advisory Bulletin for Thrissur District

(Valid from 20.12.2023 to 24.12.2023)

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 19.12.2023

Observed weather during last week (Dated 13 th December to 19 th December 2023)							Weather Parameters		Weather Forecast Valid for 20 th December to 24 th December 2023				
13/12	14/12	15/12	16/12	17/12	18/12	19/12	Date		20/12	21/12	22/12	23/12	24/12
0.0	0.0	0.0	0.0	0.0	2.0	0.0	Rainfall (mm)		0.1	0.1	0.1	0	0
32.3	31.4	32.0	32.6	32.0	30.0	30.0	T _{max} (°C)		30	33	33	33	33
24.1	23.9	24.9	25.4	26.4	24.0	28.3	T _{min} (°C)		26	24	24	24	24
Cloudy	Partially cloudy	Partially cloudy	Partially cloudy	Cloudy	Cloudy	Partially cloudy	AM	Cloud cover	Cloudy	Cloudy	Cloudy	Partially cloudy	Partially cloudy
Cloudy	Partially cloudy	Cloudy	Cloudy	Cloudy	Cloudy	PM							
79	74	73	76	77	76	66	RH-I (%)		76	76	75	73	73
57	50	55	55	65	65		RH-II (%)		62	62	60	60	60
5.7	10.7	8.8	6.7	6.0	8.9	13.9	Wind Speed (km/hr.)		2	2	4	2	2
E	ENE	NE	ENE	ENE	ENE	ENE	AM	Wind direction	WNW	W	WNW	WNW	WNW
NE	NNE	ESE	ENE	NNE	SE	PM							
Rainfall (mm) in last week				Rainfall (mm) from 01/01/2023 to till dated			Rainfall (mm) from 01/10/2023 to today						
2.0				2116.7			497.7						

Weather summary / Alert: As per the forecast of IMD, there is a chance of light rainfall in the district. Above normal rainfall is expected in Kerala.

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. Proper mulching can be followed to conserve soil moisture.

Crop	Pest/ Disease	Crop/ Animal Advisory
Rice (Mundakan) Panicle 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.
Arecanut	Spindle bug	There is a chance of spindle bug attack in arecanut plant. The bug sucks the sap from unopened spindle leaf and cause damage. Leaves become dried and shed. As a prophylactic measure, spray 1.5 ml Dimethoate (30 EC) in one litre of water.
Tomato	White fly	Since dry weather condition is prevailed, there is a chance of white fly attack in tomato, apply 2% neem oil+ garlic emulsion under the leaf surface at 10 days intervals. If the attack is severe, apply 4 gram Thiamethoxam per ten litre of water.

Animal Husbandry: Take precautions to avoid ectoparasitic infestation. Care should be taken to prevent rat breeding in the premises of cattle shed to prevent leptospirosis. (CAADECCS, KVASU, Mannuthy).