



Agromet Advisory Bulletin for Thrissur District

(Valid from 30.12.2023 to 03.01.2024)

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 29.12.2023

Observed weather during last week (Dated 23 rd December to 29 th December 2023)							Weather Parameters		Weather Forecast Valid for 30 th December to 03 rd January 2024				
23/12	24/12	25/12	26/12	27/12	28/12	29/12	Date		30/12	31/12	01/01	02/01	03/01
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)		0	0	0	0	0
33.0	31.1	32.2	32.9	33.0	33.6	33.0	T _{max} (⁰ C)		34	34	33	33	33
23.9	23.3	25.6	25.0	23.9	25.7	25.9	T _{min} (⁰ C)		26	26	27	27	27
Cloudy	Partially cloudy	Partially cloudy	Partially cloudy	Partially cloudy	Partially cloudy	Cloudy	AM	Cloud cover	Cloudy	Partially cloudy	Cloudy	Partially cloudy	Cloudy
Cloudy	Partially cloudy	Partially cloudy	Partially cloudy	Partially cloudy	Partially cloudy	PM							
80	66	74	72	73	74	77	RH-I (%)		71	71	71	71	80
58	49	53	46	46	52		RH-II (%)		46	46	46	46	52
5.6	5.4	9.6	8.3	8.1	8.1	10.4	Wind Speed (km/hr.)		6	2	2	2	3
NNE	E	NE	E	NNE	NNE	ENE	AM	Wind direction	NW	SW	W	W	W
ENE	ENE	NE	NNE	ENE	SSE	PM							
Rainfall (mm) in last week				Rainfall (mm) from 01/01/2023 to till dated			Rainfall (mm) from 01/10/2023 to today						
0.0				2116.7			497.7						

Weather summary / Alert: Since dry weather condition is prevailed, irrigation of crops can be continued as per requirement. 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	Leaf folder	There is a chance of Leaf folder attack in Mundakan Paddy. It can be controlled by using trichogramma cards (2CC per one acre). Cut the cards in to small pieces and fix in different regions of the field. If the attack is severe, spray Chlorantraniliprole (Coragen) @ 3ml per ten litre of water.
Pepper	Slow wilt	Due to dry and cool weather condition, there is a chance slow wilt diseases in pepper. As a control measure, drench the basin with three gram Copper Oxy Chloride (COC) per one litre of water.
Chilli	Mite	Due to dry and cool weather condition, there is a chance of mites attack in chilly. Apply Spiromesifen 8 ml per 10 litre of water.

Animal Husbandry: Vaccinate animals against foot and mouth disease and hemorrhagic septicemia. Ensure sufficient supply of clean drinking water to the animals. (CAAECCS, KVASU, Mannuthy).