



Agromet Advisory Bulletin for Thrissur District

(Valid from 25.12.2024 to 29 .12.2024)

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 24.12.2024

Observed weather during last week (Dated 18 th December to 24 th December 2024)							Weather Parameters		Weather Forecast Valid for 25 th December to 29 th December 2024				
18/12	19/12	20/12	21/12	22/12	23/12	24/12	Date		25/12	26/12	27/12	28/12	29/12
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)		0	0.1	2	1	0.1
34.2	33.0	34.1	33.0	32.9	33.0	32.4	T _{max} (⁰ C)		33	33	33	33	33
21.0	21.5	23.2	23.2	23.5	21.4	20.9	T _{min} (⁰ C)		21	21	22	23	22
Partly cloudy	Partly cloudy	Partly cloudy	Cloudy	Cloudy	Partly cloudy	Partly cloudy	AM	Cloud cover	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Clear sky
Partly cloudy	Cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy		PM		Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Clear sky
98	95	95	95	96	95	94	RH-I (%)		90	90	90	90	90
52	57	70	59	55	48		RH-II (%)		65	65	65	65	65
2.4	1.2	1.1	1.6	1.8	1.7	0.9	Wind Speed (km/hr.)		4	5	8	3	8
C	C	C	C	C	C	C	AM	Wind direction	WSW	W	W	W	NW
WSW	NNE	WNW	WNW	NNW	E		PM		WSW	W	W	W	NW
Rainfall (mm) in last week				Rainfall (mm) from 01/01/2024 to till dated			Rainfall (mm) from 01/10/2024 to today						
0.0				3223.4			469.0						

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.

General and Agrometeorological Advisories for Thrissur District

General Advisory: - Prophylactic measures can be taken to control and to avoid the spread of crop pest and diseases. 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. As the rain is decreasing proper mulching can be followed to conserve soil moisture.

Crop	Pest/ Disease, Crop Management	Agromet Advisory
Rice (Mundakan) Panicle Emergence stage	Bacterial Leaf blight	To control and prevent Bacterial Leaf blight in paddy, dissolve 20 g of cow dung in one liter of water and spray the supernatant liquid by mixing with 20g of pseudomonas. If the attack is severe spray 6 g of Streptocycline in 30 liter of water.
	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 Tetraniliprole @ 6 ml per ten litre of water.
	Sheath Blight	To control sheath blight disease in rice, spray 4 gram of Trifloxystrobin + Tebuconazole mixture in ten litres of water.
Banana	Calcium Boron Deficiency	To control leaf curling in banana, due to calcium deficiency, apply 250g lime per banana plant. Boron deficiency is seen more during dry weather. Spray one gram borax per one litre of water.
Pepper	Wilt diseases	As a prophylactic measure to control wilt diseases of pepper, add 2 kg Trichoderma to a mixture of 90 kg FYM and 10 kg neem cake and kept for two weeks with sufficient moisture and add 2.5 kg to the base of each matured pepper vine

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