



Agromet Advisory Bulletin for Thrissur District

(Valid from 20.01.2024 to 24.01.2024)

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 19.01.2024

Observed weather during last week (Dated 13 th January 2024 to 19 th January 2024)							Weather Parameters		Weather Forecast Valid for 20 th January to 24 th January 2024				
13/01	14/01	15/01	16/01	17/01	18/01	19/01	Date		20/01	21/01	22/01	23/01	24/01
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)		0	0	0	0	0
31.8	32.4	33.7	33.3	33.0	33.2	33.1	T _{max} (°C)		33	33	33	33	33
22.4	23.5	23.1	23.3	23.0	21.5	22.8	T _{min} (°C)		23	23	23	23	23
Partially cloudy	Partially cloudy	Partially cloudy	Partially cloudy	cloudy	Partially cloudy	Partially cloudy	AM	Cloud cover	Partially cloudy	Partially cloudy	Partially cloudy	Clear	Clear
Partially cloudy	Partially cloudy	Partially cloudy	Partially cloudy	Partially cloudy	Partially cloudy		PM		Partially cloudy	Partially cloudy	Partially cloudy	Clear	Clear
72	72	65	77	75	85	85	RH-I (%)		74	74	74	74	74
48	41	43	47	53	47		RH-II (%)		55	55	55	55	55
9.1	6.1	5.2	4.9	3.5	2.3	2.5	Wind Speed (km/hr.)		4	2	2	2	2
ENE	E	ENE	ENE	NNE	C	ENE	AM	Wind direction	W	WNW	SW	NNE	WSW
NE	NE	NNE	NNE	SSE	NNE		PM		W	WNW	SW	NNE	WSW
Rainfall (mm) in last week				Rainfall (mm) from 01/01/2024 to till dated			Rainfall (mm) from 01/01/2024 to today						
0.0				124.1			124.1						

Weather summary / Alert: Since dry weather condition is prevailed, irrigation of crops can be continued, when required. Below 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.

bCrop	Pest/ Disease	Crop/ Animal Advisory
Rice (Mundakan) Maturity 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 in one liter of water. If the attack is severe spray 6 g of Streptocycline in 30 liter of water.
Chilly	White fly	Since dry weather condition is prevailed, there is a chance of white fly attack in chilly, 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.
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.

Animal Husbandry:- Ensure sufficient supply of clean drinking water to the animals. Allow the animal to graze early in the morning or in the evening to avoid direct sunlight. It is better to graze in the evening itself. (CAADECCS, KVASU, Mannuthy).