



Agromet Advisory Bulletin for Thrissur District

(Valid from 04.12.2024 to 08.12.2024)

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 03.12.2024

Observed weather during last week (Dated 27 th November to 03 rd December 2024)							Weather Parameters		Weather Forecast Valid for 04 th December to 08 th December 2024				
27/11	28/11	29/11	30/11	01/12	02/12	03/12	Date		04/12	05/12	06/12	07/12	08/12
0.0	0.0	0.0	0.0	0.0	31.1	128.0	Rainfall (mm)		2	1	0.2	0.2	0.2
31.2	29.9	33.1	31.9	31.9	31.2	26.0	T _{max} (⁰ C)		26	28	30	30	32
25.3	22.5	22.6	22.7	25.2	23.6	23.3	T _{min} (⁰ C)		23	24	23	23	23
Cloudy	Partly cloudy	Cloudy	Cloudy	Overcast	Overcast	Overcast	AM	Cloud cover	Overcast	Overcast	Cloudy	Cloudy	Cloudy
Overcast	Cloudy	Overcast	Cloudy	Overcast	Overcast	PM							
77	80	95	93	95	96	98	RH-I (%)		98	98	98	98	98
68	51	46	64	87	98		RH-II (%)		62	62	62	62	62
4.0	2.8	2.3	1.3	0.9	1.3	1.1	Wind Speed (km/hr.)		2	2	2	3	2
NNE	NNE	C	C	C	C	ESE	AM	Wind direction	WSW	SSW	SW	W	NW
NNE	NNE	NNE	W	SW	C	PM							
Rainfall (mm) in last week				Rainfall (mm) from 01/01/2024 to till dated			Rainfall (mm) from 01/10/2024 to today						
159.1				3211.6			455.4						

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

General and Agrometeorological Advisories for Thrissur District

Prophylactic measures can be taken to control and to avoid the spread of crop pest and diseases. Provide sufficient drainage facilities in agricultural lands. Spraying should be done only on dry/clear weather conditions. Do not keep the harvested produces like rice, rubber and copra at open places.

Crop	Pest/ Disease, Crop Management	Agromet Advisory
Rice (Mundakan) Panicle initiation	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.
Pepper	Quick wilt	As a prophylactic measure to control quick wilt 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
Bitter gourd & Bhindi	Jazids	There is a chance of Jazids attack in bitter gourd and bhindi. Spray 2 g thiamethoxam per ten litre of water.
Chilli	Thrips	There is a chance of thrips attack in chilli. Apply 2% neem oil garlic emulsion or spray 2 g Thiamethoxam per ten litres of water.

Animal Husbandry: - Keep the cattle shed and premises clean to avoid mosquito breeding. Avoid water logging near the cattle shed. The cow dung pit can be covered to protect from direct falling of rain.