



Agromet Advisory Bulletin for Thrissur District

(Valid from 18.12.2024 to 22.12.2024)

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 17.12.2024

Observed weather during last week (Dated 11 th December to 17 th December 2024)							Weather Parameters		Weather Forecast Valid for 18 th December to 22 nd December 2024				
11/12	12/12	13/12	14/12	15/12	16/12	17/12	Date		18/12	19/12	20/12	21/12	22/12
0.0	0.2	4.6	1.0	3.3	0.0	0.0	Rainfall (mm)		0.1	0	0.1	0.1	0.1
32.9	32.8	28.0	27.6	30.5	31.3	31.9	T _{max} (°C)		32	32	32	32	32
23.0	24.9	24.0	23.0	23.4	23.3	20.7	T _{min} (°C)		22	22	22	23	23
Partly cloudy	Cloudy	Overcast	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	AM	Cloud cover	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy
Partly cloudy	Overcast	Overcast	Cloudy	Partly cloudy	Partly cloudy	PM							
94	79	93	84	74	74	77	RH-I (%)		91	91	91	91	91
53	80	79	95	54	51		RH-II (%)		58	58	58	58	58
1.9	5.3	5.1	7.9	9.1	8.6	5.4	Wind Speed (km/hr.)		2	2	2	3	4
C	NNE	ENE	ENE	ENE	ENE	E	AM	Wind direction	W	W	WNW	W	NW
NNE	NNE	SE	ENE	ENE	NE	PM							
Rainfall (mm) in last week				Rainfall (mm) from 01/01/2024 to till dated			Rainfall (mm) from 01/10/2024 to today						
9.1				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	Sheath Blight	To control sheath blight disease in rice, spray 4 gram of Trifloxystrobin + Tebuconazole mixture in ten litres of water.
	Lakshmi disease	There is a chance of Lakshmi disease in rice. To control this, spray 2 gram Copper hydroxide in one liter of water.
Banana	Panama wilt	There is a chance of panama wilt in banana varieties like poovan, kadali etc. Drench the soil with two gram of carbendazim in one litre of water.
Pepper	Pollu disease	During high humidity, there is a chance of pollu disease in pepper plants. Control the shade in the garden and spray with 1% Bordeaux mixture.

Animal Husbandry: - Deworm the animals after dung examination. Vaccinate animals against foot and mouth disease. Care should be taken to avoid ecto parasitic infestation. (CAAECCS, KVASU, Mannuthy).