



Agromet Advisory Bulletin for Thrissur District

(Valid from 01.01.2025 to 05 .01.2025)

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

AAS Bulletin No: 52 A/2024, (105) Tuesday

Dated 31.12.2024

Observed weather during last week (Dated 25 th December to 31 st December 2024)							Weather Parameters		Weather Forecast Valid for 01 st January to 05 ^h January 2025				
25/12	26/12	27/12	28/12	29/12	30/12	31/12	Date		01/01	02/01	03/01	04/01	05/01
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)		0.1	0	0	0	0
33.0	32.1	32.8	33.4	32.7	33.3	32.9	T _{max} (⁰ C)		33	33	33	33	33
21.4	22.1	24.9	24.9	22.7	24.2	25.5	T _{min} (⁰ C)		25	25	25	25	25
Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	AM	Cloud cover	Cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy
Partly cloudy	Cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	PM							
98	96	84	70	76	79	68	RH-I (%)		80	80	80	80	80
94	63	52	50	45	55		RH-II (%)		51	51	51	51	51
1.3	1.3	1.8	7.7	4.8	5.5	7.8	Wind Speed (km/hr.)		4	2	5	2	6
C	C	NE	ESE	NNE	C	NE	AM	Wind direction	NW	NW	ENE	ENE	E
W	NW	NE	NE	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						
0.0				3223.4			469.0						

Weather summary / Alert: As per the forecast of IMD, there is a chance of very light rainfall in isolated places of the district. 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.
	Brown Plant Hopper (BPH)	There is a chance of Brown plant hopper attack in rice. Spray Imidacloprid 3ml per ten litre of water or Thiamethoxam 2 gram 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.
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.
Cowpea	Pod borer	There is a chance of pod borer attack in cowpea. It can be controlled by spraying 50 grams Neem extract per one liter of water. Or spray 20 grams of Beauria in one liter of water.

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).