



Agromet Advisory Bulletin for Thrissur District

(Valid from 28.09.2024 to 02.10.2024)

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 27.09.2024

Observed weather during last week (Dated 21 st September to 27 th September 2024)							Weather Parameters		Weather Forecast Valid for 28 th September to 02 nd October 2024				
21/09	22/09	23/09	24/09	25/09	26/09	27/09	Date		28/09	29/09	30/09	01/10	02/10
0.0	0.0	2.6	0.6	0.4	8.9	0.0	Rainfall (mm)		0.1	2	1	2	1
31.8	32.5	32.4	31.9	31.2	31.7	31.4	T _{max} (⁰ C)		32	32	31	31	31
23.6	23.5	24.4	23.4	23.6	24.0	23.7	T _{min} (⁰ C)		25	25	24	24	24
Partly cloudy	Cloudy	Partly cloudy	Overcast	Cloudy	Cloudy	Cloudy	AM	Cloud cover	Partly cloudy	Cloudy	Cloudy	Overcast	Partly cloudy
Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy		PM		Cloudy	Cloudy	Cloudy	Overcast	Partly cloudy
90	93	90	95	96	98	93	RH-I (%)		86	86	86	86	86
62	61	81	73	75	65		RH-II (%)		70	70	70	70	70
1.6	1.6	2.1	2.6	1.6	1.5	1.7	Wind Speed (km/hr.)		2	2	4	4	4
Calm	Calm	Calm	NNE	C	C	C	AM	Wind direction	WNW	NW	NW	WNW	WNW
NW	SW	Calm	ENE	WSW	SSW		PM		WNW	NW	NW	WNW	WNW
Rainfall (mm) in last week				Rainfall (mm) from 01/01/2024 to till dated			Rainfall (mm) from 01/06/2024 to today						
12.5				2743.6			2112.8						

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

General and Agrometeorological Advisories for Thrissur District

Special crop management is required for agricultural crops during monsoon season. Proper drainage facilities have to be ensured. If the soil is more acidic, add lime as per soil testing. Pesticides should not be applied during rainy period. Provide supports to banana crops. Make the vegetable pandals stronger.

Crop	Pest/ Disease, Crop Management	Agromet Advisory
Rice (<i>Virippu</i>) Maturity stage	Rice bug	There is a chance of appearance of rice bug in paddy. To control spray fish jaggery extract (20 ml per litre of water) or spray chitin based <i>Pseudomonas fluorescens</i> 20 gram in one litre of water. If the attack is severe, spray Azadirachtin 10 ml or Malathion 2 ml per litre of water.
Rice (<i>Mundakan</i>)	Land preparation	Apply lime during land preparation. Seed treatment with <i>pseudomonas</i> can be done before sowing. (10 gram of <i>pseudomonas</i> for one kg of paddy seeds).
Banana	Sigatoka leaf spot disease	As a prophylactic measure to sigatoka leaf spot disease, spray 20g of <i>pseudomonas</i> in one litre of water. If sigatoka attack is seen, spray one milli litre hexaconazole or one milli litre propiconazole per one litre of water on both the surface of the leaf.
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: - If leg lameness or fever was observed in cattle, medical attention should be given immediately. Thoroughly wash udder of cow and hands of milking person before milking using clean water with an added disinfectant, such as 1:1000 potassium permanganate solution. (CAADECCS, KVASU, Mannuthy).