



## Agromet Advisory Bulletin for Thrissur District

(Valid from 14.08.2024 to 18.08.2024)

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 13.08.2024**

Observed weather during last week (Dated 07 <sup>th</sup> August to 13 <sup>th</sup> August 2024)							Weather Parameters		Weather Forecast Valid for 14 <sup>th</sup> August to 18 <sup>th</sup> August 2024				
07/08	08/08	09/08	10/08	11/08	12/08	13/08	Date		14/08	15/08	16/08	17/08	18/08
0.0	19.7	0.8	26.1	1.4	2.8	0.0	Rainfall (mm)		10	20	10	8	9
31.2	31.8	30.7	31.7	31.0	31.7	32.7	T <sub>max</sub> ( <sup>0</sup> C)		33	33	33	31	31
23.6	23.4	23.4	24.5	25.4	25.3	25.2	T <sub>min</sub> ( <sup>0</sup> C)		25	25	25	24	24
Partly Cloudy	Cloudy	Cloudy	Overcast	Cloudy	Cloudy	Cloudy	AM	Cloud cover	Overcast	Overcast	Overcast	Overcast	Overcast
Cloudy	Cloudy	Cloudy	Cloudy	Overcast	Cloudy		PM						
93	95	96	98	95	97	89	RH-I (%)		95	95	95	95	95
68	68	67	73	70	70		RH-II (%)		70	70	75	75	70
1.8	1.9	1.8	2.4	1.7	2.2	2.0	Wind Speed (km/hr.)		15	14	20	14	14
C	NNE	C	C	C	C	C	AM	Wind direction	NW	NW	NW	WNW	NW
SSW	NNE	NNE	SSW	SW	W		PM						
Rainfall (mm) in last week				Rainfall (mm) from 01/01/2024 to till dated			Rainfall (mm) from 01/06/2024 to today						
50.8				2373.6			1742.8						

Weather summary / Alert: As per the forecast of IMD, there is a chance of heavy 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. To protect farmers and livestock from lightning and thunder avoid standing in open areas.

Crop		Crop/ Animal Advisory
Rice (virippu) Panicle initiation stage	Bacterial Leaf blight	To control and prevent bacterial leaf blight in paddy, dissolve 20 g of cow dung in one litre of water and spray the supernatant liquid by mixing with 20g of pseudomonas.
Banana	Rhizome rot	During rainy season, there is a chance of Rhizome rot in banana. As a prophylactic measure, drench the basin with 3 litre of pseudomonas solution (20g per one liter of water).
Ginger	Phyllosticta leaf spot	Remove and destroying disease affected plants. As a prophylactic measure, spray 2ml hexaconazole or 1 ml Propiconazole or 2 gram SAAF or 2.5 g copper oxychloride or 2 g copper hydroxide dissolved in one litre of water. Otherwise 1% Bordeaux mixture can be sprayed. Spraying can be continued at fortnightly intervals depending upon the intensity of the disease.
Nutmeg	Leaf fall	During rainy season, there is a chance of leaf fall in nutmeg. As a prophylactic measure to manage leaf fall in nutmeg, spray 1% Bordeaux mixture. Proper drainage facilities have to be ensured

Animal Husbandry: Precautions should be taken to avoid ectoparasitic infestations. Deworming of animals should be done after microscopical examination of dung sample in a veterinary hospital. (CAADECCS, KVASU, Mannuthy)