



Agromet Advisory Bulletin for Thrissur District

(Valid from 16.07.2024 to 20.07.2024)

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 15.07.2024

Observed weather during last week (Dated 09 th July to 15 th July 2024)							Weather Parameters		Weather Forecast Valid for 16 th July to 20 th July 2024				
09/07	10/07	11/07	12/07	13/07	14/07	15/07	Date		16/07	17/07	18/07	19/07	20/07
1.1	5.2	1.4	4.4	22.4	25.5	35.7	Rainfall (mm)		30	20	15	10	10
28.8	31.2	32.4	32.2	30.4	30.9	29.6	T _{max} (⁰ C)		29	29	29	31	31
23.6	23.2	24.7	24.9	23.8	23.6	23.9	T _{min} (⁰ C)		23	23	23	25	25
Overcast	Cloudy	Overcast	Overcast	Overcast	Partly cloudy	Overcast	AM	Cloud cover	Overcast	Overcast	Cloudy	Overcast	Overcast
Cloudy	Cloudy	Partly cloudy	Overcast	Cloudy	Partly cloudy	PM							
90	95	97	97	96	96	97	83RH-I (%)		95	95	95	95	90
87	68	67	78	75	90		RH-II (%)		84	84	84	84	80
1.8	0.9	2.2	1.6	1.4	2.4	1.6	Wind Speed (km/hr.)		4	3	4	4	3
C	C	C	SW	C	C	C	AM	Wind direction	W	WSW	WSW	WSW	NW
C	WSW	SW	SSW	SW	SSE	PM							
Rainfall (mm) in last week				Rainfall (mm) from 01/01/2024 to till dated			Rainfall (mm) from 01/06/2024 to today						
95.7				1512.3			880.1						

Weather summary / Alert: As per the forecast of IMD, there is a chance of moderate rainfall in the district and heavy rainfall in isolated places. Above 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) Seedling stage	Bacterial Leaf blight	During rainy season, 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. Pesticides should not be applied during rainy period.
Pepper	Quick wilt	Proper drainage facilities have to be ensured. 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. Add 2.5 kg of this mixture to the base of each matured pepper vine.
Arecanut	Mahali	As a prophylactic measure, spray 1% Bordeaux mixture or two gram Copper oxychloride per one litre of water with stickers at 45 days interval. Keep the field clean. Pesticides should not be applied during rainy period. Completely affected arecanut trees can be removed.

Animal Husbandry: Sundry the cattle feed frequently to avoid fungal growth. Give foot and mouth disease (FMD) vaccination to the animal. Don't allow the animals go to water logged areas in order to avoid anthrax and foot lesions. (CAADECCS, KVASU, Mannuthy)