



Agromet Advisory Bulletin for Thrissur District

(Valid from 19.07.2023 to 23.07.2023)

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 18.07.2023

Observed weather during last week (Dated 12 th July to 18 th July 2023)							Weather Parameters		Weather Forecast Valid for 19 th July to 23 rd July 2023)				
12/07	13/07	14/07	15/07	16/07	17/07	18/07	Date		19/07	20/07	21/07	22/07	23/07
2.9	0.0	18.6	1.0	0.0	0.4	16.1	Rainfall (mm)		8	7	14	12	10
30.4	32.0	28.4	31.5	31.5	31.2	30.8	T _{max} (⁰ C)		31	31	31	31	31
24.3	24.1	23.2	24.0	24.9	24.6	24.2	T _{min} (⁰ C)		24	24	24	24	24
Cloudy	Overcast	Partially Cloudy	Partially Cloudy	Cloudy	Overcast	Cloudy	AM	Cloud cover	Overcast	Overcast	Overcast	Overcast	Overcast
Partially Cloudy	Cloudy	Cloudy	Partially Cloudy	Cloudy	Cloudy	PM							
97	94	96	92	97	97	98	RH-I (%)		92	90	92	92	92
65	82	67	73	69	84		RH-II (%)		74	74	73	73	73
0.7	1.3	0.9	1.5	1.3	1.3	1.0	Wind Speed (km/hr.)		8	5	5	5	5
C	C	C	C	C	C	C	AM	Wind direction	NW	W	WNW	W	WNW
NNW	WSW	NE	W	NNW	C	PM							
Rainfall (mm) in last week				Rainfall (mm) from 01/01/2023 to till dated			Rainfall (mm) from 01/06/2023 to today						
39.0				844.0			710.4						

Weather summary / Alert: As per the forecast of IMD, there is a chance of light rainfall in the district and Moderate rainfall is expected in isolated places. Normal rainfall is expected in Kerala.

C. 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. Propping of banana plants is recommended. Additional support for vegetable pandals should be strengthened. Pesticides should not be applied during rainy period.

Crop	Pest/ Disease	Crop/ Animal Advisory
Rice (virippu) Seedling stage	-	Chemical fertilizers at the rate of 30 kg of urea, 70 kg of rajphos and 8 kg of potash per acre can be applied as base fertilizer for short duration varieties.
Banana	-	Apply 65 gms urea and 110 gms potash per banana plant one week after bunch emergence.
Vegetables (Cowpea)	Anthracnose disease	During rainy season, there is a chance of Anthracnose disease in Cowpea. As a prophylactic measure, apply 1% Bordeaux mixture or spray pseudomonas 20 gm per one litre of water. Pesticides should not be applied during rain.
Cucurbitaceous Vegetables	Downy mildew	During rainy season, there is a chance of downy mildew attack in cucurbitaceous vegetables. Spray 2.5gm Mancozeb per one litre of water under the leaves. Pesticides should not be applied during rainy period.

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).