



Agromet Advisory Bulletin for Thrissur District

(Valid from 15.08.2023 to 19.08.2023)

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 14.08.2023

Observed weather during last week (Dated 8 th August to 14 th August 2023)							Weather Parameters		Weather Forecast Valid for 15 th August to 19 th August 2023)				
08/08	09/08	10/08	11/08	12/08	13/08	14/08	Date		15/08	16/08	17/08	18/08	19/08
0.0	0.0	0.0	0.0	0.4	0.0	0.0	Rainfall (mm)		1	0.5	0.1	0.2	5
32.5	31.7	32.9	32.5	32.6	32.0	32.5	T _{max} (⁰ C)		33	33	33	33	33
25.0	24.2	25.2	25.7	25.5	25.4	24.2	T _{min} (⁰ C)		26	26	24	24	24
Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	AM	Cloud cover	Overcast	Cloudy	Cloudy	Cloudy	Overcast
Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Partially cloudy		PM						
93	89	92	93	92	92	93	RH-I (%)		87	87	87	87	87
66	62	62	63	60	57		RH-II (%)		68	68	68	68	68
1.9	1.5	1.7	1.6	2.1	2.2	1.9	Wind Speed (km/hr.)		5	5	3	3	3
C	C	C	C	C	C	C	AM	Wind direction	WNW	WNW	W	WSW	WSW
NNW	WSW	NE	NNW	SW	WNW		PM						
Rainfall (mm) in last week				Rainfall (mm) from 01/01/2023 to till dated			Rainfall (mm) from 01/06/2023 to today						
0.4				1098.7			965.3						

Weather summary / Alert: As per the forecast of IMD, intensity of rainfall is expected to decrease in the district. Below 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
Paddy (virippu) Tillering stage	Bacterial Leaf blight	As a prophylactic measure to manage Bacterial Leaf Blight (B L B), dissolve 20 g of cow dung in one litre of water and spray the supernatant liquid by mixing with 20g of pseudomonas. Apply bleaching powder @ 20 bags of 100 gm each for one acre in the irrigation channels to prevent the spreading of disease. Spry antibiotics viz. 6 g of streptocycline in 30 litre of water in severe cases.
Turmeric	Leaf Blotch	As a prophylactic measure, 1% Bordeaux mixture can be sprayed.
Ginger	Phyllosticta leaf spot	Remove and destroying disease affected plants. As a prophylactic messure, 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.

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).