



Agromet Advisory Bulletin for Thrissur District

(Valid from 28.07.2023 to 01.08.2023)

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

AAS Bulletin No: 30/2023, (60) Thursday **dated 27.07.2023**

Observed weather during last week (Dated 21 st July to 27 th July 2023)							Weather Parameters		Weather Forecast Valid for 28 th July to 01 st August 2023)				
21/07	22/07	23/07	24/07	25/07	26/07	27/07	Date		28/07	29/07	30/07	31/07	01/08
0.0	0.0	64.7	51.0	76.1	11.5	6.1	Rainfall (mm)		6	5	6	5	6
30.9	31.0	27.9	27.0	25.9	28.0	27.3	T _{max} (⁰ C)		28	29	29	29	33
25.2	23.1	23.2	21.5	22.0	22.6	22.6	T _{min} (⁰ C)		23	24	24	24	24
Overcast	Overcast	Overcast	Overcast	Overcast	Overcast	Partially Cloudy	AM	Cloud cover	Overcast	Overcast	Overcast	Overcast	Overcast
Overcast	Overcast	Overcast	Overcast	Overcast	Overcast		PM						
95	93	99	99	96	96	94	RH-I (%)		98	98	98	98	98
69	87	92	98	77	84		RH-II (%)		85	85	85	85	85
2.9	3.1	0.6	0.7	0.6	0.5	0.6	Wind Speed (km/hr.)		3	4	4	4	3
C	WSW	C	WSW	W	C	C	AM	Wind direction	NW	NW	NW	NW	NNW
NW	C	NNW	C	C	SW		PM						
Rainfall (mm) in last week				Rainfall (mm) from 01/01/2023 to till dated			Rainfall (mm) from 01/06/2023 to today						
209.4				1074.1			940.5						

Weather summary / Alert: As per the forecast of IMD, intensity of rainfall is expected to decrease in the district. 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) Tille ring stage	Bacterial Leaf blight	During rainy season, there is a chance of Bacterial Leaf blight in rice. As a prophylactic measure, spray 20g of pseudomonas in one litre of water. Pesticides should not be applied during rain.
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). Pesticides should not be applied during rain.
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.
Nutmeg	Leaf fall	As a precautionary measure to manage leaf fall in nutmeg, spray 1% Bordeaux mixture. Pesticides should not be applied during rainy period. Proper drainage facilities have to be ensured

Animal Husbandry: - Cattle feed should be stored on a wooden board or iron board. If moisture is in the cattle feed it may cause deadly fungal growth. Foot and mouth disease (FMD) vaccination has to be given to the animal. If leg lameness or fever was observed, immediate medical attention should be given. (CAAECCS, KVASU, Mannuthy).