



Agromet Advisory Bulletin for Thrissur District

(Valid from 15.07.2023 to 19.07.2023)

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

AAS Bulletin No: 28/2023, (56) Friday **dated 14.07.2023**

Observed weather during last week (Dated 08 th July to 14 th July 2023)							Weather Parameters		Weather Forecast Valid for 15 th July to 19 th July 2023)				
08/07	09/07	10/07	11/07	12/07	13/07	14/07	Date	15/07	16/07	17/07	18/07	19/07	
37.3	13.4	51.9	8.6	2.9	0.0	18.6	Rainfall (mm)	5	4	15	12	11	
28.3	26.8	31.0	29.5	30.4	32.0	28.4	T _{max} (⁰ C)	29	30	31	31	31	
23.4	23.5	23.9	25.0	24.3	24.1	23.2	T _{min} (⁰ C)	24	24	24	24	24	
Overcast	Cloudy	Cloudy	Cloudy	Cloudy	Overcast	Partially Cloudy	AM	Cloud cover	Overcast	Overcast	Overcast	Overcast	Overcast
Cloudy	Cloudy	Cloudy	Cloudy	Partially Cloudy	Cloudy		PM						
99	96	99		97		96	RH-I (%)	94	94	94	94	94	
96	77	81	75	65	82		RH-II (%)	73	73	84	84	84	
0.9	0.5	1.1	0.6	0.7	1.3	0.9	Wind Speed (km/hr.)	4	5	4	3	3	
C	C	C	C	C	C	C	AM	Wind direction	NNW	NW	WNW	WSW	WNW
NW	WSW	C					PM						
Rainfall (mm) in last week				Rainfall (mm) from 01/01/2023 to till dated			Rainfall (mm) from 01/06/2023 to today						
132.7				826.5			629.9						

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 the banana plants recommended. Additional support of the pandals recommended. Pesticides should not be applied during rainy period.

Crop	Pest/ Disease	Crop/ Animal Advisory
Rice (virippu) Seedling stage	-	During rainy period there is a chance of sheath blight, sheath rot, leaf spot disease etc. As a prophylactic measure, dip root of seedlings in a solution of <i>Pseudomonas</i> culture @10gram of <i>Pseudomonas</i> culture per one litre of water for 30 minutes.
Banana	Rhizome rot	During rainy season, there is a chance of Rhizome rot in banana. Proper drainage facilities have to be ensured. As a precaution, drench the basin with three litre of pseudomonas solution (20g per one liter of water). Pesticides should not be applied during rainy period.
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
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.

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).