



Agromet Advisory Bulletin for Thrissur District

(Valid from 23.08.2023 to 27.08.2023)

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 22.08.2023

Observed weather during last week (Dated 16 th August to 22 nd August 2023)							Weather Parameters		Weather Forecast Valid for 23 rd August to 27 th August 2023)				
16/08	17/08	18/08	19/08	20/08	21/08	22/08	Date		23/08	24/08	25/08	26/08	27/08
0.0	0.0	0.0	1.2	2.0	0.4	0.0	Rainfall (mm)		0.1	0.1	0.1	0.1	0.2
32.5	32.6	32.6	31.9	30.9	32.2	33.0	T _{max} (°C)		33	33	33	33	33
23.0	23.6	24.5	23.4	23.4	24.4	25.0	T _{min} (°C)		25	24	24	24	24
Partially cloudy	Cloudy	Cloudy	Cloudy	Partially cloudy	Cloudy	Cloudy	AM	Cloud cover	Overcast	Cloudy	Cloudy	Cloudy	Cloudy
Partially cloudy	Partially cloudy	Cloudy	Cloudy	Partially cloudy	Partially cloudy		PM						
90	90	93	93	98	95	93	RH-I (%)		90	92	90	90	90
60	60	68	75	63	61		RH-II (%)		60	70	60	60	70
1.5	1.6	1.5	1.2	0.5	1.5	1.7	Wind Speed (km/hr.)		5	3	5	5	5
C	C	C	C	C	G	C	AM	Wind direction	NW	WNW	WNW	WNW	SW
W	WSW	NW	W	NW	WNW		PM						
Rainfall (mm) in last week				Rainfall (mm) from 01/01/2023 to till dated			Rainfall (mm) from 01/06/2023 to today						
3.6				1102.3			968.9						

Weather summary / Alert: As per the forecast of IMD, Very light rainfall is expected in isolated places of the district. Below normal rainfall is expected in Kerala.

C. General and Agrometeorological Advisories for Thrissur District

Prophylactic measures to control crop pest & diseases can be taken to avoid their spread. Proper mulching can be followed to conserve soil moisture.

Crop	Pest/ Disease	Crop/ Animal Advisory
Paddy (virippu) Panicle Emergence 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.
Coconut	-	Since air temperature is increasing, it is a desirable practice to bury fresh or dried coconut husk around the palm to conserve soil moisture. The husk can be buried either in linear trenches taken 3 meter away from the trunk between rows of palms or in circular trenches taken around the palm at a distance of 2 meter from the trunk. The trenches may be of 0.5 meter width and depth. The husks are to be placed in layers with concave surface facing upwards and covered with soil. The beneficial effect of husk burial will last for about 5 to 7 years. Instead of husk, coir pith can be buried @ 25 kg/palm/year.
Pepper	-	Mulching the pepper bed using dry leaves will effectively preserves and maintains soil moisture levels.

Animal Husbandry: - Ensure sufficient supply of clean drinking water to the animals. Deworming of animals should be done after microscopical examination of dung sample in a veterinary hospital. (CAAECCS, KVASU, Mannuthy).