



Agromet Advisory Bulletin for Thrissur District

(Valid from 13.01.2024 to 17 .01.2024)

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 12.01.2024

Observed weather during last week (Dated 06 th January 2024 to 12 th January 2024)							Weather Parameters		Weather Forecast Valid for 13 th January to 17 th January 2024				
06/01	07/01	08/01	09/01	10/01	11/01	12/01	Date		13/01	14/01	15/01	16/01	17/01
27.8	0.0	0.0	0.0	2.3	0.0	0.0	Rainfall (mm)		0	0	0	0	0
31.5	32.7	32.2	32.4	30.5	31.7	32.4	T _{max} (⁰ C)		33	33	33	33	33
23.6	24.5	24.5	24.8	25.6	25.1	25.2	T _{min} (⁰ C)		25	25	25	25	25
Partially cloudy	Partially cloudy	Cloudy	Cloudy	Cloudy	Partially cloudy	Partially cloudy	AM	Cloud cover	Partially cloudy	Partially cloudy	Partially cloudy	Partially cloudy	Partially cloudy
Cloudy	Partially cloudy	Cloudy	Cloudy	Cloudy	Partially cloudy		PM		Partially cloudy	Partially cloudy	Partially cloudy	Partially cloudy	Partially cloudy
85	79	72	80	67	66	64	RH-I (%)		76	76	76	76	76
55	63	60	90	50	48		RH-II (%)		50	50	50	50	50
3.4	4.6	5.0	9.2	12.0	12.1	11.1	Wind Speed (km/hr.)		2	2	2	2	2
NNE	NNE	NNE	ENE	NNE	NNE	N	AM	Wind direction	ENE	E	WNW	WNW	SW
NNE	NNE	ENE	ESE	SE	ESE		PM		ENE	E	WNW	WNW	SW
Rainfall (mm) in last week				Rainfall (mm) from 01/01/2024 to till dated			Rainfall (mm) from 01/01/2024 to today						
30.1				124.1			124.1						

Weather summary / Alert: Since dry weather condition is prevailed, irrigation of crops can be continued as per requirement. Below normal rainfall is expected in Kerala.

C. General and Agrometeorological Advisories for Thrissur District

Since there is a chance of dry weather condition due to strong wind and high evaporation, crops should be irrigated, when required. Since the wind speed may increase, give strong propping to banana and staking to vegetables. Proper mulching can be followed to conserve soil moisture.

bCrop	Pest/ Disease	Crop/ Animal Advisory
Rice (Mundakan) Maturity stage	Bacterial Leaf Blight	To control and prevent Bacterial Leaf blight in paddy, dissolve 20 g of cow dung in one liter of water and spray the supernatant liquid by mixing with 20g of pseudomonas in one liter of water. If the attack is severe spray 6 g of Streptocycline in 30 liter of water.
Banana	Boron Deficiency	Boron deficiency is seen more during dry weather. Spray one gram borax per one litre of water.
Pepper	Pollu disease	During high humidity, there is a chance of Pollu disease in pepper plants. Control the shade in the garden and spray with 1% Bordeaux mixture. Also, carbentazim and mancozeb can be mixed and sprayed at the rate of one gram per liter of water.

Animal Husbandry:- Take precautions to avoid ectoparasitic infestation. If needed, give medicine against worm infestation after dung examination. (CAADECCS, KVASU, Mannuthy).