



Agromet Advisory Bulletin for Thrissur District

(Valid from 14.10.2023 to 18.10.2023)

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: 41/2023, (82) Friday

Dated 13.10.2023

Observed weather during last week (Dated 07 th October to 13 th October 2023)							Weather Parameters		Weather Forecast Valid for 14 th October to 18 th October 2023)				
07/10	08/10	09/10	10/10	11/10	12/10	13/10	Date		14/10	15/10	16/10	17/10	18/10
0.0	0.0	0.0	0.0	0.0	3.5	6.0	Rainfall (mm)		2	1	0.5	5	4
33.1	33.2	33.0	33.1	33.5	30.9	30.7	T _{max} (°C)		31	33	33	33	33
22.6	23.0	24.4	24.2	24.9	24.9	23.4	T _{min} (°C)		25	24	24	24	24
Partially Cloudy	Partially Cloudy	Partially Cloudy	Partially Cloudy	Partially Cloudy	Cloudy	Partially Cloudy	AM	Cloud cover	Cloudy	Cloudy	Overcast	Overcast	Overcast
Partially Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Overcast		PM						
92	85	92	87	93	96	96	RH-I (%)		70	92	92	92	91
61	64	57	67	76	77		RH-II (%)		85	54	58	65	57
1.2	1.2	1.3	1.1	1.4	0.7	1.0	Wind Speed (km/hr.)		6	6	6	6	6
C	C	C	C	C	C	C	AM	Wind direction	WSW	WSW	WSW	WSW	WSW
NW	SSW	SW	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						
9.5				1719.2			1585.8						

Weather summary / Alert: As per the forecast of IMD, there is a chance of light rainfall in the district and moderate rainfall in isolated places. Above normal rainfall is expected in Kerala.

C. General and Agrometeorological Advisories for Thrissur District

Prophylactic measures to control crop pest and 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) Maturity stage	-	The paddy crop, which attained maturity stage can be harvested as early as possible.
Rice (Mundakan) Seedling stage	Bacterial Leaf blight	To control and prevent bacterial leaf blight in paddy, dissolve 20 g of cow dung in one litre of water and spray the supernatant liquid by mixing with 20g of pseudomonas.
Banana	-	The rhizomes are to be smeared with cow dung solution & ash then they are dried in the sun for about 3 to 4 days before planting. Lime can be applied at 250 gram per plant at the time of planting.
Pepper	Pollu beetle	There is a chance of Pollu beetle attack in pepper plants. To prevent this provide more shade in the garden. Spray neem oil garlic emulsion. If the attack is severe, apply quinalphos 2 ml per one liter of water.
Chilli	Thrips	There is a chance of thrips attack in chilly. Apply 2% neem oil+ garlic emulsion under the leaf surface at 10 days intervals.If the attack is severe, apply spiromesifen 8 ml per ten litre of water.

Animal Husbandry: - If leg lameness or fever was observed in cattle, Immediate medical attention should be given. Thoroughly wash udder of cow and hands of milking person before milking using clean water with an added disinfectant, such as 1:1000 potassium permanganate solution. (CAAECCS, KVASU, Mannuthy).