



Agromet Advisory Bulletin for Thrissur District

(Valid from 01.11.2023 to 05.11.2023)

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 31.10.2023

Observed weather during last week (Dated 25 th October to 31 st October 2023)							Weather Parameters		Weather Forecast Valid for 01 st November to 05 th November 2023)				
25/10	26/10	27/10	28/10	29/10	30/10	31/10	Date		01/11	02/11	03/11	04/11	05/11
0.0	3.4	4.6	0.0	0.0	24.6	7.0	Rainfall (mm)		11	10	9	10	7
33.0	32.5	33.7	34.1	34.9	33.9	33.3	T _{max} (⁰ C)		32	34	34	34	34
24.5	24.1	24.5	25.1	25.2	21.0	23.9	T _{min} (⁰ C)		24	22	22	22	25
Overcast	Partially Cloudy	Partially Cloudy	Partially Cloudy	Cloudy	Cloudy	Partially Cloudy	AM	Cloud cover	Overcast	Overcast	Overcast	Overcast	Overcast
Overcast	Overcast	Overcast	Cloudy	Cloudy	Overcast		PM		Overcast	Overcast	Overcast	Overcast	Overcast
93	89	93	97	87	98	88	RH-I (%)		95	95	95	96	96
69	55	51	54	61	61		RH-II (%)		67	70	70	75	75
1.4	1.1	0.6	1.7	1.8	2.0	1.4	Wind Speed (km/hr.)		2	2	2	2	2
C	C	C	C	E	C	C	AM	Wind direction	WSW	W	SW	SW	WSW
SW	C	C	NE	SW	NNE		PM		WSW	W	SW	SW	WSW
Rainfall (mm) in last week				Rainfall (mm) from 01/01/2023 to till dated			Rainfall (mm) from 01/10/2023 to today						
39.6				1805.8			186.8						

Weather summary / alert: As per the forecast of IMD, there is a chance of moderate rainfall in isolated places of the district. Normal rainfall is expected in Kerala.

C. General and Agrometeorological Advisories for Thrissur District

Prophylactic measures can be taken to control and to avoid the spread of crop pest and diseases. Proper mulching can be followed to conserve soil moisture. Proper drainage facilities have to be ensured.

Crop	Pest/ Disease	Crop/ Animal Advisory
Rice (Mundakan) Seedling stage	-	Lime at 100 kg per acre can be applied in the fields one month after planting.
Coconut	-	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.
Ginger	Rhizome rot	There is a chance of rhizome rot in ginger. To control this, dig out the affected plants and drench the soil with copper oxychloride 2g per one litre of water. To avoid the spreading of rhizome rot in ginger, apply a mixture of 15 gram bleaching powder and 250 gram lime in to the basin of three meter square bed.
Pepper	Pollu disease	There is a chance of Pollu disease in pepper plants. To control it, shade 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: - - Precautions to be taken to avoid leptospirosis and ectoparasitic infestations. Care should be taken to avoid fungal growth in cattle feed. Deworm the animals after dung examination. (CAAECCS, KVASU, Mannuthy).