



Agromet Advisory Bulletin for Thrissur District

(Valid from 07.12.2022 to 11.12.2022)

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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A. Significant weather for the preceding week at vellanikkara

Rainfall (mm)	Maximum Temp.(°C)	Minimum Temp.(°C)	RH FN (%)	RH AN (%)	Wind speed (Km/h)	Sun shine hours	Evap. (mm)
(32.3)	(31.1-33.8)	(21.3-24.0)	(71-93)	(51-66)	(0.2-5.5)	(1.1-8.8)	(1.9-4.0)

B. Medium range weather forecast of IMD for next five days

Weather parameters	07.12.2022	08.12.2022	09.12.2022	10.12.2022	11.12.2022
Rainfall (mm)	0	0	3	0.1	2
Maximum temperature (°C)	32	34	34	33	33
Minimum temperature (°C)	24	24	23	23	23
Maximum Relative Humidity (%)	80	80	80	80	80
Minimum Relative Humidity (%)	60	60	60	60	60
Wind speed (kmph)	5	5	5	6	5
Wind direction (deg)	340	340	290	290	320
Total cloud cover (octa)	3	4	8	6	2

Weather summary / Alert: Light rainfall is expected in the district. Normal rainfall is expected in Kerala.

RAINFALL FORECAST FOR NEXT FIVE DAYS

2022 December 07	2022 December 08	2022 December 09	2022 December 10	2022 December 11
No rain	No rain	Light rain	Very light rain	Very light rain

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.

Crop	Pest/ Disease	Crop/ Animal Advisory
Rice (Mundakan) Tillering stage	Leaf folder	During cloudy weather condition, there is a chance of Leaf folder attack in Mundakan Paddy. It can be controlled by using trichogramma cards (2CC per one acre). Cut the cards in to small pieces and fix in different regions of the field. If the attack is severe, spray Chlorantraniliprole @ 3ml per ten litre of water.
	Bacterial Leaf blight	To control and prevent Bacterial Leaf blight in paddy, mix 20 g of cow dung in one litre of water and spray the supernatant liquid by mixing with 20g of pseudomonas.
Chilli	Thrips	There is a chance of thrips attack in chilli. Apply 2% neem oil garlic emulsion or spray 2 g Thiamethoxam per ten litres of water.
Bitter gourd	Jassid's	Due to increase in atmospheric temperature, the attack of Jassid's in Bitter gourd was increased. They can be controlled by applying 2% neem oil emulsion once in a week or by spraying <i>Lecanicillium lecanii</i> at 20 g per litre of water.

Animal Husbandry- Ensure sufficient supply of clean drinking water to the animals. Deworm the animals after dung examination. Vaccinate animals against foot and mouth disease and haemorrhagic septicaemia. (CAADECCS, KVASU, Mannuthy).