



Agromet Advisory Bulletin for Thrissur District

(Valid from 30.11.2022 to 04.12.2022)

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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dated 02.12.2022

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)
(38.8)	(29.8-33.9)	(21.3-23.9)	(78-99)	(45-75)	(0.2-3.1)	(0.8-7.5)	(0.8-3.2)

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

Weather parameters	03.12.2022	04.12.2022	05.12.2022	06.12.2022	07.12.2022
Rainfall (mm)	0.1	0.3	0.3	0.1	0.1
Maximum temperature (°C)	33	32	32	32	32
Minimum temperature (°C)	23	22	22	22	22
Maximum Relative Humidity (%)	85	85	85	85	85
Minimum Relative Humidity (%)	55	55	55	55	55
Wind speed (kmph)	2	2	2	2	2
Wind direction (deg)	200	340	340	250	250
Total cloud cover (octa)	4	6	6	6	3

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

RAINFALL FORECAST FOR NEXT FIVE DAYS

2022 December 03	2022 December 04	2022 December 05	2022 December 06	2022 December 07
Very light rain	Very light rain	Very light rain	Very light rain	Very light rain

C. General and Agrometeorological Advisories for Thrissur District

Prophylactic measures to control crop pest & diseases can be taken to avoid their spread.

Crop	Pest/ Disease	Crop/ Animal Advisory
Rice (Mundakan) Tilling 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 for checking the spread of the disease. Spry antibiotics viz. 6 g of streptomycin in 20 litre of water in severe cases.
	Sheath Blight	To control sheath blight disease in rice, spray 4 gram of (Trifloxystrobin + Tebuconazole) mixture in ten litres of water.
Vegetables (cowpea)	Fruit borer	To control fruit borer in cowpea, apply 5% Neem Kernel Suspension to control fruit borer in the initial stage. If the attack is severe, spray Flubendamide 2 ml per ten litre of water or Chlorantraniliprole 3 ml per ten litre of water.
Cucurbitaceous vegetables	Fruit fly	To control Fruit fly, remove and destroy affected and decayed fruits. Use special pheromone traps like cuelure (6 no. /acre) or palayankodan banana fruit traps for vegetable fruit fly. If the attack is not reduced, spray 2 ml Cyantraniliprole in one litre of water

Animal Husbandry- Care should be taken to avoid ecto-parasitic infestation. Ensure sufficient supply of clean drinking water to the animals. Animal should not be allowed to graze in open grazing lands to avoid lightning risk.

(CAADECCS, KVASU, Mannuthy).