



Agromet Advisory Bulletin for Thrissur District

(Valid from 19.10.2022 to 23.10.2022)

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

AAS Bulletin No: 42/2022, (83) Tuesday

dated 18.10.2022

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)
(23.4)	(31.0-33.8)	(21.6-24.5)	(91-96)	(57-72)	(0.9-1.9)	(1.1-9.4)	(2.5-3.4)

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

Weather parameters	19.10.2022	20.10.2022	21.10.2022	22.10.2022	23.10.2022
Rainfall (mm)	66	35	35	18	15
Maximum temperature (°C)	33	32	32	32	32
Minimum temperature (°C)	24	24	24	24	24
Maximum Relative Humidity (%)	86	86	86	86	86
Minimum Relative Humidity (%)	70	70	70	70	70
Wind speed (kmph)	5	4	4	3	3
Wind direction (deg)	250	250	250	270	290
Total cloud cover (octa)	8	7	7	7	8

Weather summary / Alert: Moderate rainfall is expected in the district and heavy rainfall in isolated places. Normal rainfall is expected in Kerala.

RAINFALL FORECAST FOR NEXT FIVE DAYS

2022 October 19	2022 October 20	2022 October 21	2022 October 22	2022 October 23
Heavy rain	Moderate rain	Moderate rain	Moderate rain	Moderate 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)	Land preparation to transplanting	Land preparation and nursery preparation for second paddy (mundakan) crop can be started. As a prophylactic measure, the root of seedlings can be soaked for 30 minutes in a solution of pseudomonas culture to control sheath blight, sheath rot, leaf spot disease etc. Before transplanting, spray 20 gram Pseudomonas in one litre of water. The micronutrient deficiency of paddy can be managed during rainy season, by spraying 5 gram of paddy sampoorina in one litre of water.
Rice	Leaf folder	During cloudy situation, there is a chance of Leaf folder attack in 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 quinalphos @ 2ml per one liter of water.
Cucurbitaceous Vegetables	Downy mildew	Due to high relative humidity, there is a chance of downy mildew attack in cucurbitaceous vegetables. Spray 2.5gm Mancozeb per one litre of water under the leaves.

Animal Husbandry- Precautions to be taken to avoid leptospirosis and ectoparasitic infestations. Care should be taken to avoid fungal growth in cattle feed. (CAADECCS, KVASU, Mannuthy).