



Agromet Advisory Bulletin for Thrissur District

(Valid from 18.01.2023 to 22.01.2023)

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: 03/2023, (5) Tuesday

dated 17.01.2023

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)
(0.0)	(29.5-33.5)	(19.2-22.0)	(68-79)	(28-55)	(2.1-7.5)	0.5-10.0	(2.6-6.1)

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

Weather parameters	18.01.2023	19.01.2023	20.01.2023	21.01.2023	22.01.2023
Rainfall (mm)	0	0	0	0	0
Maximum temperature (°C)	33	33	33	33	33
Minimum temperature (°C)	22	22	22	23	23
Maximum Relative Humidity (%)	70	70	70	70	70
Minimum Relative Humidity (%)	30	30	30	30	30
Wind speed (kmph)	5	4	6	5	5
Wind direction (deg)	270	270	290	290	270
Total cloud cover (octa)	5	5	4	5	7

Weather summary / Alert: Since dry weather condition is prevailed, irrigation of crops can be continued, when required. Below normal rainfall is expected in Kerala.

RAINFALL FORECAST FOR NEXT FIVE DAYS

2023 January 18	2023 January 19	2023 January 20	2023 January 21	2023 January 22
No rain	No rain	No rain	No rain	No rain

C. General and Agrometeorological Advisories for Thrissur District

Since dry weather condition is prevailed, irrigation of crops can be continued, if needed. Since the wind speed may increase, give strong propping to banana and staking to vegetables. Prophylactic measures to control crop pests & diseases can be taken to avoid their spread.

Crop	Pest/ Disease	Crop/ Animal Advisory
Rice (Mundakan) Maturity stage	Rice bug	There is a chance of appearance of rice bug in paddy. To control, spray 2 ml malathion per one litre of water. Pesticides application should be done either before 9 am or after 3 pm. Otherwise, the pesticide application will adversely affect the pollination.
	Bacterial Leaf blight	To control the spread of bacterial leaf blight in paddy, spray 6 g of streptomycin in 20 litre of water.
Banana	Fertilizer application	30 grams of urea and 60 grams of potash can be applied to each banana plant of three months old.
Chilli, Brinjal	White fly	There is a chance of white fly attack in chilli and brinjal. Apply 2% neem oil garlic emulsion or spray 20g <i>Lecanicillium lecanii</i> per one litre of water in ten days intervals.

Animal Husbandry- Contact nearby veterinary hospitals to vaccinate the animals against infectious diseases. Care should be taken to avoid fungal growth in the cattle feed. (CAAECCS, KVASU, Mannuthy).