



Agromet Advisory Bulletin for Thrissur District

(Valid from 11.01.2023 to 15.01.2023)

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: 02/2023, (3) Tuesday

dated 10.01.2023

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)	(32.1-32.9)	(20.7-25.0)	(60-81)	(39-46)	(4.8-12.0)	(8.8-9.8)	(4.8-7.5)

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

Weather parameters	11.01.2023	12.01.2023	13.01.2023	14.01.2023	15.01.2023
Rainfall (mm)	0	0	0	0	0
Maximum temperature (°C)	32	32	33	33	33
Minimum temperature (°C)	25	25	24	23	23
Maximum Relative Humidity (%)	70	70	70	70	70
Minimum Relative Humidity (%)	44	44	44	44	44
Wind speed (kmph)	4	3	3	2	3
Wind direction (deg)	200	270	200	250	270
Total cloud cover (octa)	2	2	2	3	3

Weather summary / Alert: Since there is a chance of dry weather condition due to strong wind and high evaporation, crops should be irrigated, when required. Below normal rainfall is expected in Kerala.

RAINFALL FORECAST FOR NEXT FIVE DAYS

2023 January 11	2023 January 12	2023 January 13	2023 January 14	2023 January 15
No rain	No rain	No rain	No rain	No rain

C. General and Agrometeorological Advisories for Thrissur District

Prophylactic measures to control crop pests & diseases can be taken to avoid their spread. 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) 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.
	Sheath Blight	To control sheath blight disease in rice, spray 4 gram of (Trifloxystrobin + Tebuconazole) mixture in ten litres of water.
Banana	Rhizome Weevil	During this special weather condition, there is a chance of Rhizome Weevil attack in banana. As a precaution, apply neem cake @ 1 kg/plant at the time of planting. Cut and remove the outer layer of the rhizome and sundry for 3-4 days after smearing it with slurry of cow dung and ash.
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- •Deworm the animals after dung examination. Vaccinate animals against foot and mouth disease. Care should be taken to avoid ecto parasitic infestation. (CAADECCS, KVASU, Mannuthy).