



Gramin Krishi Mousam Sewa (GKMS), Thrissur
Agromet Advisory Bulletin for Thrissur District
(Valid from 23.3.2022 to 27.3.2022)

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: 12/2022, (23) Tuesday

dated 22.3.2022

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)
(0.0)	(33.4-38.5)	(24.0-25.7)	(82-93)	(46-61)	(1.4-3.8)	(1.1-9.8)	(3.4-5.7)

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

Weather parameters	23.3.2022	24.3.2022	25.3.2022	26.3.2022	27.3.2022
Rainfall (mm)	0	0	0	0	0
Maximum temperature (°C)	35	34	34	34	35
Minimum temperature (°C)	24	24	24	24	24
Maximum Relative Humidity (%)	78	78	78	78	78
Minimum Relative Humidity (%)	55	55	55	55	55
Wind speed (kmph)	4	4	4	4	4
Wind direction (deg)	270	270	270	270	270
Total cloud cover (octa)	6	5	5	5	4





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

RAINFALL FORECAST FOR NEXT FIVE DAYS

2022 March 23	2022 March 24	2022 March 25	2022 March 26	2022 March 27
No rain	No rain	No rain	No rain	No rain

C. General and Agrometeorological Advisories for Thrissur District

The following are immediate steps to be followed protect farmers, plants, and birds from the summer heat. Avoid going out in hot weather as much as possible. That way you can get rid of sunburn. While working in the farm, try to use a hat or umbrella to prevent direct sunlight. Drink plenty of clean water from time to time to prevent dehydration. As the climate is hot and dry, irrigate the crops as required to ensure adequate soil moisture. Irrigate only, when there is no strong sunlight. Drip irrigation can reduce water loss to some extent.

Crop	Pest/ Disease	Crop/ Animal Advisory
Puncha Rice in Panicle initiation stage	Management 	High temperature may induce pollen sterility in late sown paddy. Keep Standing water in the field to avoid this.
Coconut & Arecanut	Management 	Mulch the basin of coconut & arecanut. With organic material to protect them from heat. This way the soil moisture can be retained.
Vegetables	Sucking Pest 	As the hot weather conditions may increase the infestation of thrips, aphids, and whiteflies on the crops, spray at the top and bottom of the leaves with 2% strength neem oil garlic emulsion on every two weeks.
Tomato	Dropping of flowers 	An increase in temperature results in the dropping of flowers in tomatoes. Tomatoes should be provided with minimal shade and deep irrigation.
Animal Husbandry	Pets and domestic animals & birds should be provided with adequate fresh water and protection from the sun and heat. Adequate ventilation should be arranged in their living space. Do not let the cattle graze during hot weather. (CAADECCS, KVASU, Mannuthy).	