



Agromet Advisory Bulletin for Thrissur District (Valid from 01.03.2023 to 05.03.2023)

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

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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)	(35.6-37.0)	(21.8-24.2)	(48-84)	(19-36)	(2.5-6.2)	(9.5 -10.8)	(5.3-9.0)

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

Weather parameters	01.03.2023	02.03.2023	03.03.2023	04.03.2023	05.03.2023
Rainfall (mm)	0	0	0	0	0
Maximum temperature (°C)	35	35	35	35	35
Minimum temperature (°C)	20	21	22	22	22
Maximum Relative Humidity (%)	70	70	70	70	70
Minimum Relative Humidity (%)	18	18	18	18	18
Wind speed (kmph)	6	6	6	6	4
Wind direction (deg)	270	230	250	250	250
Total cloud cover (octa)	7	4	4	3	7

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

C. General and Agrometeorological Advisories for Thrissur District

The following are immediate steps to be followed to protect farmers, plants, and birds from the summer heat. Avoid going out in hot weather. Thus you can get rid of sunburn. While working in the farm, try to use a hat or an 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 (Tillering stage)	Management	The micronutrient deficiency of paddy can be managed by spraying 10 gram of paddy sampoorna in one liter of water.
Banana	Pseudo stem weevil	There is a chance of Pseudo stem weevil attack in banana. As a precaution, keep the banana plantation clean. At the age of 3-5 months, apply neem cake at the rate of 50 g per banana in leaf axils. A trap can be made by cutting banana Pseudo stem 40-50 cm long and applying Buvaria (10 gm) by opening the sheath. 1 trap can be set per 40 bananas. If the attack is severe, apply Ekalux 2 ml or Chlorpyrifos 2.5 ml in one liter of water and pour it on the leaf axils.
Pepper	Slow wilt	To control the slow wilt disease in pepper, apply neem cake at the base of pepper plants. Also apply 25 grams of the bio control agent Pisilomyces lilacinus at the base of each plant. If the attack is severe drench the basin of each plant with three gram Copper Oxy Chloride (COC) per one litre of water.

Animal Husbandry- Pets, domestic animals and birds should be provided with adequate drinking 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).