



Agromet Advisory Bulletin for Thrissur District

(Valid from 28.8.2022 to 02.10.2022)

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

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dated 27.9.2022

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)
(4.8)	(31.4-32.9)	(22.9-24.9)	(84-96)	(50-67)	(1.3-2.1)	(4.9-10.2)	(3.2-4.7)

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

Weather parameters	28.09.2022	29.09.2022	30.09.2022	01.10.2022	02.10.2022
Rainfall (mm)	0.1	0.1	4	0.1	2
Maximum temperature (°C)	33	33	33	33	32
Minimum temperature (°C)	24	24	24	24	24
Maximum Relative Humidity (%)	83	83	83	83	83
Minimum Relative Humidity (%)	65	65	65	65	65
Wind speed (kmph)	4	3	5	3	3
Wind direction (deg)	320	270	290	250	250
Total cloud cover (octa)	6	3	8	8	8

Weather summary / Alert: Very light rainfall is expected in the district. Normal rainfall is expected in Kerala.

RAINFALL FORECAST FOR NEXT FIVE DAYS

2022 September 21	2022 September 22	2022 September 23	2022 September 24	2022 September 25
Very light rain	Very light rain	Light rain	Very light rain	Very light 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	Land preparations for mundakan paddy can be started in kole paddy field, apply lime during nursery preparation. Seed treatment with pseudomonas can be done before sowing. (10 gram of pseudomonas for one kg of paddy seeds.)
Banana	pitting disease	Appearance of small sunken brown spots on matured fruits is the symptom of pitting disease. To prevent the disease, cut and remove dried leaves from the garden and protect the bunches with bunch cover. If the disease is occurring regularly, spray fungicide like 0.5ml azoxystrobin or tebuconazole + trifloxystrobin (Nativo) 0.5 gram per litre of water within one month of bunch emergence.
Pepper	Quick wilt	As a prophylactic measure, apply 2.5 kg of Trichoderma enriched farm yard manure to each pepper plant. (or) spray 20 grams of pseudomonas in one liter of water. Infected vines should be pruned and spray with 1% Bordeaux mixture (or) drench the basin with 2.5 grams of copper oxychloride in one liter of water.

Animal Husbandry- Vaccinate animals against foot and mouth disease and hemorrhagic septicemia. Care should be taken to avoid mastitis. Vitamins and mineral mixture should be supplemented along with cattle feed. (CAADECCS, KVASU, Mannuthy).