



**Gramin Krishi Mousam Sewa (GKMS), Thrissur**  
**Agromet Advisory Bulletin for Thrissur District**  
**(Valid from 19.2.2022 to 23.2.2022)**

*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: 07/2022, (14) Friday**

**dated 18.2.2022**

**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)	(32.5-35.2)	(20.9-25.6)	(57-72)	(30-54)	(4.0-6.6)	(0.3-9.6)	(4.3-6.0)

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

Weather parameters	19.2.2022	20.2.2022	21.2.2022	22.2.2022	23.2.2022
Rainfall (mm)	0	0	0	0	0
Maximum temperature (°C)	34	33	33	33	33
Minimum temperature (°C)	24	23	23	23	23
Maximum Relative Humidity (%)	63	63	63	63	63
Minimum Relative Humidity (%)	50	50	50	50	50
Wind speed (kmph)	8	10	8	8	8
Wind direction (deg)	50	50	50	270	270
Total cloud cover (octa)	2	2	3	3	5




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

**RAINFALL FORECAST FOR NEXT FIVE DAYS**

2022 February 19	2022 February 20	2022 February 21	2022 February 22	2022 February 23
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.

Crop	Pest/ Disease	Crop/ Animal Advisory
Puncha Rice in Active Tillering stage	Bacterial Leaf Blight (BLB) 	There is a chance of Bacterial Leaf Blight in rice, apply bleaching powder @ 200g per one acre in the irrigation water. As a prophylactic measure, spray a mixture of cow dung slurry (20g cow dung per one litre of water) and pseudomonas solution (20g per one litre of water). If the attack is severe spray 6 g of Streptocycline in 30 litre of water.
Arecanut	Mites 	Since dry weather condition is prevailed, there is a chance of mites attack in arecanut. Spray wettable sulphur two gram per one litre of water under the surface of leaves.
Cowpea	Thrips 	There is a chance of thrips attack in cowpea. Apply 2% neem oil+ garlic emulsion under the leaf surface at 10 days intervals. If the attack is severe, apply spiromecifen 8 ml per ten litre of water.
Animal Husbandry	Ensure sufficient supply of clean drinking water to the animals. Take measures for preventing mosquito breeding in the premises. (CAADECCS, KVASU, Mannuthy).	