



Gramin Krishi Mousam Sewa (GKMS), Thrissur
Agromet Advisory Bulletin for Thrissur District
(Valid from 16.2.2022 to 20.2.2022)

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, (13) Tuesday

dated 15.2.2022

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)	(32.5-35.3)	(20.9-25.6)	(62-86)	(30-54)	(3.8-6.4)	(0.3-9.6)	(4.1-6.5)

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

Weather parameters	16.2.2022	17.2.2022	18.2.2022	19.2.2022	20.2.2022
Rainfall (mm)	0	0	0	0	0
Maximum temperature (°C)	34	34	34	34	33
Minimum temperature (°C)	24	24	24	24	23
Maximum Relative Humidity (%)	67	67	67	67	67
Minimum Relative Humidity (%)	37	37	37	37	37
Wind speed (kmph)	10	10	10	10	10
Wind direction (deg)	230	230	270	50	50
Total cloud cover (octa)	3	7	2	3	2




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 16	2022 February 17	2022 February 18	2022 February 19	2022 February 20
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).	