



Gramin Krishi Mousam Sewa (GKMS), Thrissur

Agromet Advisory Bulletin for Thrissur District

(Valid from 22.1.2022 to 26.1.2022)

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 21.1.2022

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)	(33.2-34.4)	(20.7-23.6)	(68-96)	(39-52)	(2.2-9.5)	(8.7-9.9)	(3.1-5.8)

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

Weather parameters	22.1.2022	23.1.2022	24.1.2022	25.1.2022	26.1.2022
Rainfall (mm)	0	0	0	0	0
Maximum temperature (°C)	34	34	34	34	33
Minimum temperature (°C)	22	22	22	22	21
Maximum Relative Humidity (%)	70	70	70	70	70
Minimum Relative Humidity (%)	40	40	40	40	40
Wind speed (kmph)	6	10	8	8	8
Wind direction (deg)	250	270	270	270	270
Total cloud cover (octa)	3	3	3	4	6

Weather summary / Alert: Since clear sky condition is prevailing, 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 January 22	2022 January 23	2022 January 24	2022 January 25	2022 January 26
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
Mundakan Rice in Maturity stage	Bacterial Leaf Blight	To control and prevent Bacterial Leaf blight in paddy, dissolve 20 g of cow dung in one liter of water and spray the supernatant liquid by mixing with 20g of pseudomonas in one liter of water. If the attack is severe spray 6 g of Streptocycline in 30 liter of water.
Puncha Rice in Seedling stage	Crop Management	The root of seedlings should be soaked for 30 minutes in a solution of <i>Pseudomonas</i> culture @10g per one liter of water to control sheath blight, sheath rot, leaf spot disease etc. in future.
Vegetables (Cowpea)	Aphids	There is a chance of aphids in cowpea. Apply 2% neem oil emulsion or apply 20 g <i>Verticillium lecanii</i> per one liter of water in 10 days intervals. If aphid attack is severe, apply 3 ml Imidacloprid or 2 g Thiamethoxam per ten liter of water.
Animal Husbandry	Contact nearby veterinary hospitals to vaccinate the animals against infectious diseases. Care should be taken to avoid fungal growth in the cattle feed. (CAADECCS, KVASU, Mannuthy).	