



Gramin Krishi Mousam Sewa (GKMS), Thrissur
Agromet Advisory Bulletin for Thrissur District
(Valid from 05.1.2022 to 09.1.2022)

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 04.1.2022

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)	(32.0-33.3)	(21.1-25.3)	(57-78)	(44-60)	(5.6-12.7)	(7.2-9.8)	(4.2-6.3)

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

Weather parameters	05.1.2022	06.1.2022	07.1.2022	08.1.2022	09.1.2022
Rainfall (mm)	0	0	0	0	0
Maximum temperature (°C)	33	34	34	34	34
Minimum temperature (°C)	24	24	24	24	24
Maximum Relative Humidity (%)	75	75	75	75	75
Minimum Relative Humidity (%)	50	50	50	50	50
Wind speed (kmph)	16	14	14	10	12
Wind direction (deg)	50	50	20	90	360
Total cloud cover (octa)	1	1	5	6	5





Weather summary / Alert: Due to no rainfall and prevailing dry weather conditions, 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 5	2022 January 6	2022 January 7	2022 January 8	2022 January 9
No Rain				

C. General and Agrometeorological Advisories for Thrissur District

Due to no rainfall and prevailing dry weather conditions, irrigation of crops can be continued, when required. Since the wind speed may increase, give strong propping to banana and staking to vegetables.

Crop	Pest/ Disease	Crop/ Animal Advisory
Mundakan Rice in Milky stage	Bacterial Leaf blight	 To control and prevent Bacterial Leaf blight in paddy, dissolve 20 g of cow dung in one litre of water and spray the supernatant liquid by mixing with 20g of pseudomonas in one litre of water.
Puncha Rice in Transplanting	Crop Management	 Transplant seedlings at 4 to 5 leaf stage. The root of seedlings should be soaked for 30 minutes in a solution of <i>Pseudomonas</i> culture @ 10g per one litre of water to control sheath blight, sheath rot, leaf spot disease etc. in future.
Chilli	Thrips	 There is a chance of thrips attack in chilli. 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.
vegetables	Powdery mildew	 During winter season, there is a chance of powdery mildew in vegetables. As a precaution, spray 20g <i>Trichoderma</i> per one litre of water.
Animal Husbandry	Deworm the animals after dung examination. Vaccinate animals against foot and mouth disease. Care should be taken to avoid ecto parasitic infestation. (CAADECCS, KVASU, Mannuthy).	