



Gramin Krishi Mousam Sewa (GKMS), Thrissur

Agromet Advisory Bulletin for Thrissur District

(Valid from 13.11.2021 to 17.11.2021)

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: 46/2021, (92) Friday

dated 12.11.2021

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)
(35.0)	(28.4-32.3)	(22.4-24.5)	(91-99)	(63-80)	(0.5-2.3)	(0.0-5.8)	(1.1-2.7)

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

Weather parameters	13.11.2021	14.11.2021	15.11.2021	16.11.2021	17.11.2021
Rainfall (mm)	20	20	40	40	20
Maximum temperature (°C)	31	31	31	31	32
Minimum temperature (°C)	24	24	24	24	23
Maximum Relative Humidity (%)	95	95	95	95	95
Minimum Relative Humidity (%)	75	75	75	75	75
Wind speed (kmph)	8	8	6	8	4
Wind direction (deg)	230	230	230	230	230
Total cloud cover (octa)	7	7	8	8	8

Weather summary / Alert: Moderate rainfall is expected in the district and heavy rainfall in isolated places. Isolated heavy rainfalls are likely to occur on days -1,2 & 3. Above normal rainfall is expected in Kerala.




C. Agrometeorological Advisories for crop protection & management

General Advisory: Provide sufficient drainage facilities in agricultural lands.

Spraying should be done only on dry/clear weather conditions.

Do not keep the harvested produces like rice, rubber, copra and fertilizers at open places.

The wind speed may increase. Give strong propping to banana and staking to vegetables.

Crop	Pest/ Disease	Crop/ Animal Advisory	
Mundakan Rice in Tillering stage	Bacterial Leaf blight		Due to high relative humidity, there is a chance of Bacterial Leaf blight in paddy. To control and prevent, 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. Pesticide should be applied only in clear sky weather.
Pepper	Foot rot		During rainy season, there is a chance of foot rot disease in pepper. As a prophylactic measure add 2 kg Trichoderma to a mixture of 90 kg FYM & 10 kg Neem cake and kept for two weeks with sufficient moisture. Add 2.5 kg of this mixture to each matured vine to control foot rot of pepper.
Cucurbitaceous Vegetables	Downy mildew		Due to high relative humidity, there is a chance of downy mildew attack in cucurbitaceous vegetables. Spray 2.5gm Mancozeb per one litre of water under the leaves during clear sky weather.
Animal Husbandry	Do dung examination and give anthelmintics if necessary, as per the direction of the Veterinary doctor. Vaccinate animals against foot and mouth disease and haemorrhagic septicaemia. (caadeccs,kvasu, Mannuthy).		