



Kerala Agricultural University, Vellanikkara, Thrissur
Department of Agricultural Meteorology, College of Agriculture

Email: cohagmet@kau.in&kauagmet@yahoo.co.in

Agromet Advisory Service Bulletin

(Issued jointly by AMFU Thrissur, India Meteorological Department and Department of Agriculture)



ERNAKULAM DISTRICT

AAS 15/2021, (30)Friday

09.04.2021

CURRENT SYNOPTIC SITUATION: A cyclonic circulation lies over south Tamilnadu & neighbourhood at 1.5 km above mean sea level. A cyclonic circulation lies over Southwest Bay of Bengal off Sri Lanka & Tamilnadu coast between 3.1 & 5.8 km above mean sea level. A north- south trough runs from Vidarbha to south interior Tamilnadu across Telangana, Interior Karnataka and Rayalaseema at 0.9 km above mean sea level.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	10.04.2021	11.04.2021	12.04.2021	13.04.2021	14.04.2021
Rainfall (mm)	2	1	4	2	0.2
Maximum temperature(°C)	32	32	32	32	32
Minimum temperature (°C)	27	27	27	27	27
Maximum Relative Humidity (%)	85	85	85	85	85
Minimum Relative Humidity (%)	70	70	70	70	70
Wind speed (kmph)	16	14	12	8	10
Wind direction (deg)	290	270	270	270	250
Total cloud cover (octa)	7	6	7	8	7

Light rainfall is forecasted in isolated places of the district by IMD & KAU. Normal rainfall is expected in Kerala.

AGRO-METEOROLOGICAL ADVISORIES:

Crop	Pest/ Disease	Advisories
General Advisories: Precaution should be taken during drying of agricultural products and spraying of pesticides.		
Coconut	Management	Since air temperature is increasing, it is a desirable practice to bury fresh or dried coconut husk around the palm to conserve soil moisture. The husk can be buried either in linear trenches taken 3 meter away from the trunk between rows of palms or in circular trenches taken around the palm at a distance of 2 meter from the trunk. The trenches may be of 0.5 meter width and depth. The husks are to be placed in layers with concave surface facing upwards and covered with soil. The beneficial effect of husk burial will last for about 5 to 7 years. Instead of husk, coir pith can be buried @ 25 kg/palm/year.
Banana	Rhizome Weevil	During this special weather condition, there is a chance of Rhizome Weevil attack in banana. As a precaution, apply neem cake @ 1 kg/plant at the time of planting. Cut and remove the outer layer of the rhizome and sundry for 3-4 days after smearing it with slurry of cow dung and ash.
Vegetables	Sucking Pest	Due to increase in atmospheric temperature, the attack of sucking pest was increased in vegetables. They can be controlled by applying 2% neem oil emulsion once in a week or by spraying Lecanicillium lecani at 20 g per litre of water.
Animal Husbandry	Allow the animal to graze early in the morning or in the evening to avoid direct sunlight	