



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

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

Agromet Advisory Service Bulletin

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ERNAKULAM DISTRICT

AAS 13/2021, (25)Tuesday

23.03.2021

CURRENT SYNOPTIC SITUATION: A trough in low level easterlies runs from interior Tamil Nadu to North Interior Karnataka across south interior Karnataka at 0.9 km above mean sea level.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	24.03.2021	25.03.2021	26.03.2021	27.03.2021	28.03.2021
Rainfall (mm)	5	5	3	1	2
Maximum temperature(°C)	33	33	33	33	33
Minimum temperature (°C)	25	25	25	25	25
Maximum Relative Humidity (%)	90	90	90	90	90
Minimum Relative Humidity (%)	57	57	57	57	57
Wind speed (kmph)	18	18	16	18	20
Wind direction (deg)	270	270	250	250	250
Total cloud cover (octa)	7	7	6	2	7

Moderate 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.		
Rice (Mundakan) Harvesting stage\	Rice bug	There is a chance of rice bug attack in paddy. To control, keep the field and bunds free of weeds and grasses. Avoid over lapping cultivation in an area. Spray fish jaggery extract (20 ml/litre of water) or spray chitin based <i>Pseudomonas flurescens</i> 20 gram in one litre of water. If the attack was severe, spray Azadirachtin 10 ml or Malathion 2 ml per litre of water. Pesticides application should be done either before 9 am or after 3 pm. Otherwise, the pesticide application will adversely affect the pollination.
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.
Vegetables	Sucking Pest	Due to increase in atmospheric temperature, the attack of sucking pest was increased. They can be controlled by applying 2% neem oil emulsion once in a week or by spraying <i>Lecanicillium lecanii</i> 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	