



**Kerala Agricultural University, Vellanikkara, Thrissur**  
**Department of Agricultural Meteorology, College of Horticulture**

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

**Agromet Advisory Service Bulletin**

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**ERNAKULAM DISTRICT**

**AAS 09/2021, (18)Friday**

**26.02.2021**

**CURRENT SYNOPTIC SITUATION:** A cyclonic circulation lies over SouthEast Arabian Sea between 3.1 & 4.5 km above mean sea level. A cyclonic circulation lies over Comorin area & neighbourhood lay over Lakshadweep-Maldives area over 1.5 km above mean sea level. A cyclonic circulation lies over southwest Bay of Bengal off North Sri Lanka coast at 1.5 km above mean sea level

**WEATHER FORECAST FOR THE NEXT FIVE DAYS:**

Weather parameters	27.02.2021	28.02.2021	01.03.2021	02.03.2021	03.03.2021
Rainfall (mm)	0.1	0	0	0	0.2
Maximum temperature(°C )	32	32	32	32	32
Minimum temperature (°C )	24	24	24	24	24
Maximum Relative Humidity (%)	80	80	80	80	80
Minimum Relative Humidity (%)	60	60	60	60	60
Wind speed (kmph)	10	8	14	16	12
Wind direction (deg)	290	270	250	230	250
Total cloud cover (octa)	5	1	3	6	5

Very light rainfall is forecasted in isolated places of the district by IMD & KAU. Above normal rainfall is expected in Kerala.

**AGRO-METEOROLOGICAL ADVISORIES:**

Crop	Pest/ Disease	Advisories
<b>General Advisories:</b> Precaution should be taken during drying of agricultural products and spraying of pesticides.		
Rice (Mundakan) Harvesting stage	Brown Plant Hopper (BPH)	There is a chance of brown plant hopper attack in rice. Spray 2 g Thiamethoxam per ten litre of water.
	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. Spraying should be in spiral manner, beginning at the field bunds and progressing towards the field centre.
	Lakshmi disease	There is a chance lakshmi disease attack in paddy, destruction of straw and stubble from infected plant is recommended. If the attack is severe spray 1.5 gram Copper hydroxide (Kocide) in one liter of water at 50% flowering stage.
Vegetables	micronutrient deficiency	The micronutrient deficiency of vegetables can be managed by spraying 5 gram of vegetable sampoorna in one litter of water.
Cucumber	Pumpkin Beetle	Sowing of cucumber can be done. Apply neem cake at the base for preventing pumpkin beetle.
Animal Husbandry	1.Take precautions to avoid ecto parasitic infestation 2.Fever, shivering, brown coloured urine, off feed are noticed, consult veterinary doctor immediately	