



**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 28/2020,(55) Tuesday**

**07.07.2020**

**CURRENT SYNOPTIC SITUATION:** A Well Marked Low Pressure Area lies over Saurashtra & neighbourhood with associated cyclonic circulation extending upto 7.6 km above mean sea level tilting southwards with height. An off-shore trough at mean sea level runs from Gujarat coast to North Kerala coast. A cyclonic circulation lies over north Coastal Andhra Pradesh & neighbourhood at 5.8 km above mean sea level.

**HEAVY RAINFALL WARNING:**

**DAY 1: Heavy rainfall (7- 11 cm in 24 hours)** is very likely to occur at one or two places in the districts of Ernakulam, Idukki, Thrissur, Malappuram, Kozhikode, Kannur & Kasaragod.

**DAY 3: Heavy rainfall (7- 11 cm in 24 hours)** is very likely to occur at one or two places in the districts of Alappuzha, Ernakulam, Idukki, Thrissur, Malappuram, Kozhikode, Kannur & Kasaragod.

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

Weather parameters	08.07.2020	09.07.2020	10.07.2020	11.07.2020	12.07.2020
Rainfall (mm)	17	4	35	21	18
Maximum temperature(°C )	31	31	31	31	31
Minimum temperature (°C )	24	24	24	24	24
Maximum Relative Humidity (%)	95	95	95	95	95
Minimum Relative Humidity (%)	78	78	78	78	78
Wind speed (kmph)	12	14	14	16	14
Wind direction (deg)	290	290	290	270	290
Total cloud cover (octa)	8	7	8	8	8

As per the forecast of IMD & KAU, there is a chance of moderate rainfall in the district.

**AGRO-METEOROLOGICAL ADVISORIES:**

Crop	Pest/ Disease	Advisories
<b>General Advisories:</b> Proper drainage facilities should be ensured to protect the agricultural crops from pest & diseases during rainy season.		
Paddy	Seedling stage	The micronutrient deficiency of paddy can be managed during rainy season, by spraying 10 gram of paddy sampoorana in one litter of water.
Coconut	Management	During the begining of southwest monsoon season, one-kilogram lime can be applid per one matured palm by opening the coconut basin.
Banana	Rhizome rot	Due to the increase in rainfall, there is a chance of Rhizome rot in banana. As a precaution, pour three litre of pseudomonas solution (20 gm per one litre) at the basin.
Cucurbitaceous Vegetables	Downy mildew	Due to high relative humidity, there is a chance of downy mildew attack in cucurbitaceous vegetables. As a prophylactic measure, spray pseudomonas solution (20 g per one litre) under the leaves.
Animal Husbandry		Keep the cattle shed and premises clean to avoid mosquito breeding. Avoid waterlogging near the cattle shed. The cowdung pit can be covered to avoid direct falling of rain.