



**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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**PALAKKAD DISTRICT**

**AAS 37/2020,(73) Tuesday**

**08.09.2020**

**CURRENT SYNOPTIC SITUATION:** An offshore trough at mean sea level runs from north Maharashtra coast to Lakshadweep area. The Low Pressure Area over Eastcentral Arabian Sea off Karnataka coast has merged with the above offshore trough. However, the associated cyclonic circulation persists over the same area and seen between 1.5 km and 5.8 km above mean sea level. The eastwest shear zone roughly along 13°N across the peninsular India between 3.1 km and 4.5 km above mean sea level. A cyclonic circulation lies over westcentral Bay of Bengal off Andhra Pradesh coast at 1.5 km above mean sea level.

**HEAVY RAINFALL WARNING: DAY 2: Heavy rainfall (7- 11 cm in 24 hours)** is very likely to occur at one or two places in the district of Ernakulam, Trivandrum, Kollam, Alapuzha, Idukki, Thrissur, Palakkad and Malappuram

**DAY 4: Heavy rainfall (7- 11 cm in 24 hours)** is very likely to occur at one or two places in the district of Thrisuur, Palakkad, Kannur and Kasargode

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

Weather parameters	09.09.2020	10.09.2020	11.09.2020	12.09.2020	13.09.2020
Rainfall (mm)	5	9	15	15	10
Maximum temperature(°C )	30	30	30	30	30
Minimum temperature (°C )	24	24	24	24	24
Maximum Relative Humidity (%)	98	98	98	98	98
Minimum Relative Humidity (%)	84	84	84	84	84
Wind speed (kmph)	10	10	10	10	10
Wind direction (deg)	250	250	250	250	250
Total cloud cover (octa)	8	8	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.		
Rice( <i>Virippu</i> ) Milky stage	Rice bug	There is a chance of appearance of rice bug in paddy. To control, spray 2 ml malathion per one 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.
	Bacterial Leaf blight	To control the spread of Bacterial Leaf blight in paddy, during rainy season, mix 20 g of cow dung in one litre of water and spray the cow dung slurry by mixing with 20g of pseudomonas in one litre of water.
Coconut	Management	While applying second dose of fertilizers to coconut palms, apply 550 gram urea 700 gram Rajphos and 800 gram potash under irrigated conditions and apply 500 gram urea, 800 gram Rajphos and one kg potash under rainfed conditions.
Chilli	Mite	There is a chance for the attack of mites in chilly. Apply Spiromesifen 8 ml per10 liter of water.
Ginger	Pythium soft rot	During rainy season there is a chance of Pythium soft rot in ginger. To control, dig out the affected plants and drench the soil with copper oxychloride 2g per one litre of water.
Animal Husbandry		Ensure the availability of green fodder to the animal daily. Provide mineral and vitamin mixture in prescribed quantity daily.