



**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 31/2020, (61) Tuesday**

**28.07.2020**

**CURRENT SYNOPTIC SITUATION:** A cyclonic circulation lies over Southeast Bay of Bengal and adjoining Southwest Bay of extending upto 5.8 km above mean sea level tilting southwestwards with height.

**HEAVY RAINFALL WARNING:**

**DAY 3: Heavy rainfall (7- 11 cm in 24 hours) is very likely to occur at a few places in the districts of Kottayam, Ernakulam, Palakkad, Kannur & Kasaragod.**

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

Weather parameters	29.07.2020	30.07.2020	31.07.2020	01.08.2020	02.08.2020
Rainfall (mm)	15	25	30	15	18
Maximum temperature(°C )	31	31	31	31	31
Minimum temperature (°C )	23	23	23	23	23
Maximum Relative Humidity (%)	98	98	98	98	98
Minimum Relative Humidity (%)	70	70	70	70	70
Wind speed (kmph)	10	12	12	12	14
Wind direction (deg)	290	270	270	270	270
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 (Virippu) Tillering stage	Bacterial Leaf Blight	As a prophylactic measure to manage Bacterial Leaf Blight during rainy season, spray a mixture of cow dung slurry (20g cow dung per one litre of water) and pseudomonas solution (20g per one litre of water). Application of bleaching powder @ 200g per one acre in the irrigation water is recommended for checking the spread of bacterial leaf blight. If the attack is severe, spray 6 g of streptomycin per 30 litre of water.
	Mites	There is a chance of mites on the leaves of Paddy. Spray 3g wettable sulphur per one litre of water on lower sides of the leaves.
	Thrips	There is a chance of thrips in paddy, spray 2 gram Thiometoxam per ten litres of water.
Banana	Panama wilt	There is a chance of panama wilt in banana varieties like poovan, kadali etc. Drench the soil with one gram of carbendazim in one litre of water.
Vegetables (Cowpea)	Anthraxnose disease	During rainy season, there is a chance of Anthracnose disease in Cowpea. As a prophylactic measure, apply 1% Bordeaux mixture or spray copper oxychloride 3 gram per one litre of water.
Animal Husbandry	Deworming of animals should be done only after dung sample examination. In calves first dose of medicine should be given within 15 days of age.	