



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

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CURRENT SYNOPTIC SITUATION: The Low Pressure Area lies over Bihar & adjoining East Uttar Pradesh with associated cyclonic circulation extending upto 5.8 km above mean sea level. A trough runs from Madhya Maharashtra to Comorin area across Interior Karnataka & Kerala at 0.9 km above mean sea level.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	26.09.2020	27.09.2020	28.09.2020	29.09.2020	30.09.2020
Rainfall (mm)	2	1	0.5	4	3
Maximum temperature(°C)	31	31	31	31	31
Minimum temperature (°C)	24	24	24	24	24
Maximum Relative Humidity (%)	89	89	89	89	89
Minimum Relative Humidity (%)	78	78	78	78	78
Wind speed (kmph)	10	10	14	10	12
Wind direction (deg)	270	250	290	270	290
Total cloud cover (octa)	8	7	6	7	8

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

AGRO-METEOROLOGICAL ADVISORIES:

Crop	Pest/ Disease	Advisories
General Advisories: Proper drainage facilities should be ensured to protect the agricultural crops from pest & diseases during rainy season.		
Rice (Mundakan)	Land preparation to transplanting	Land preparation and nursery preparation for second paddy (mundakan) crop can be started. As a prophylactic measure, the root of seedlings can be soaked for 30 minutes in a solution of Pseudomonas culture to control sheath blight, sheath rot, leaf spot disease etc. Before transplanting, spray 20 gram Pseudomonas in one litre of water. The micronutrient deficiency of paddy can be managed during rainy season, by spraying 5 gram of paddy sampoorina 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.
Ginger	Soft rot	During rainy season, there is a chance of soft rot in ginger. To control, dig out the affected plants and drench the soil with copper oxychloride 2g per one litre of water.
Turmeric	Leaf Blotch	During rainy season, there is a chance of Leaf Blotch in Turmeric. To control, spray 2 ml Contaf (Hexaconazole) in one litre of water.
Vegetables (Cowpea)	Anthraco nose 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	Don't allow the animals to graze in water logged areas to avoid foot lesions	