

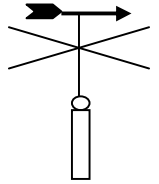


Advisory Service bulletin 21/17, Friday dt.26-05-2017

(Issued jointly by IAAS Vellanikkara)

Dept. of Agriculture Meteorology, College of Horticulture, Vellanikkara

E mail: kauagmet@yahoo.co.in, cohagmet@kau.in



ERNAKULAM

CURRENT SYNOPTIC SITUATION: The low pressure area over southeast Bay of Bengal and adjoining central Bay of Bengal with upper air cyclonic circulation extending up to 5.8 km above sea level persists. Conditions are becoming favorable for advance of southwest Monsoon in some parts of south Arabian Sea and entire Maldives Comorin area to south Kerala during 30 to 31st May 2017.

HEAVY RAINFALL WARNING: Heavy rainfall is most likely to occur at one or two places in Kerala from the morning of 27th May 2017.

NWP MODELS BASED DISTRICT LEVEL WEATHER FORECAST

ISSUED ON: 26.05.2017

VALID TILL 08:30 HRS IST OF THE NEXT 5 DAYS

STATE : KERALA

PARAMETERS	ENSEMBLE FCST				
	DAY-1 27/05	DAY-2 28/05	DAY-3 29/05	DAY-4 30/05	DAY-5 31/05
DISTRICT : ERNAKULAM					
Rainfall (mm)	12	30	30	30	34
Max Temperature (deg C)	32	32	32	32	32
Min Temperature (deg C)	24	24	24	24	24
Total cloud cover (octa)	7	7	8	8	8
Max Relative Humidity (%)	90	90	90	90	90
Min Relative Humidity (%)	75	75	75	75	75
Wind speed (kmph)	016	016	016	016	016
Wind direction (deg)	250	250	250	250	250

Agro Meteorological Advisories:

Crop	Stage of the crop / Pest/Disease	Advisories
Paddy	-	Land preparation for first paddy crop can be started.
Nutmeg/Pepper	Quick wilt	Prophylactic spraying of 1% Bordeaux mixture against fungal disease in nutmeg and pepper can be done. There is a chance of Quick wilt disease due to high relative humidity. Apply <i>Trichoderma</i> or <i>pseudomonas</i> culture in soil or 1% Bordeaux mixture can be sprayed on the leaves and small branches.
Vegetables	Sucking pests	Spray tobacco decoction to control the sucking pests in primary stages. Application of 2% neem oil emulsion/ 2% neem garlic paste is also effective. As a precaution apply <i>verticillium</i> 20 gm/litre at fortnight intervals.