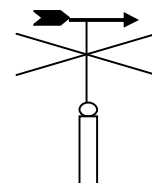




**Agromet Advisory Service bulletin 20/18(40), Friday dt.18.05.2018**  
(Issued jointly by IAAS Vellanikkara)



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## ERNAKULAM

**CURRENT SYNOPTIC SITUATION:** A cyclonic circulation lies over Lakshadweep area and neighbourhood extending upto 3.1 km above mean sea level.

**Heavy Rainfall Warning:** Heavy rainfall is most likely to occur at one or two places in Kerala upto 20<sup>th</sup> May 2018.

INDIA METEOROLOGICAL DEPARTMENT  
NWP MODELS BASED DISTRICT LEVEL WEATHER PREDICTION  
ISSUED ON: 18-05-2018  
VALID TILL 08:30 IST OF THE NEXT 5 DAYS

STATE : KERALA

PARAMETERS	WEATHER FCST				
	DAY-1 19/05/2018	DAY-2 20/05/2018	DAY-3 21/05/2018	DAY-4 22/05/2018	DAY-5 23/05/2018
DISTRICT : ERNAKULAM					
Rainfall (mm)	12	8	10	9	10
Max Temperature ( deg C)	33	32	32	32	32
Min Temperature ( deg C)	24	24	24	24	24
Total cloud cover (octa)	7	7	7	7	7
Max Relative Humidity (%)	90	90	90	90	90
Min Relative Humidity (%)	65	65	65	65	65
Wind speed (kmph)	014	014	014	014	014
Wind direction (deg)	270	270	270	270	270

### Agro Meteorological Advisories:

Crop	Crop stage / Pest/Disease	Advisories
Paddy( <i>puncha</i> )	Maturity stage	Paddy is in the harvesting stage.
Banana	Sigatoka	Due to the changing weather pattern, there is a chance of sigatoka disease in banana. As a precaution, Spray Pseudomonas 10-20 g per 1 liter of water. In case of severe attack spray 1 gm Bavistin by mixing it with gum in 1 litre of water on lower surface of leaf.
Pepper	Quick wilt	There is a chance of Quick wilt disease due to high relative humidity. Apply trichoderma or pseudomonas culture in soil or 1% Bordeaux mixture can be sprayed on the leaves and small branches.
Animal Husbandry	Adopt measures to eradicate external parasitic infestations in animals. (CAADECCS, KVASU, Mannuthy)	

**Preparation of Trichoderma culture:** Dry neem cake and powdered cow dung are mixed at 1:10 ratio and add 1 kg trichoderma with 100 kg of above mixture. Then sprinkle water and mix it thoroughly. Cover it with a perforated polythene sheet and keep it in shade for 5 days for multiplication. Again mix well and keep for 3 more days for further multiplication and incorporate into the soil for controlling Quick wilt.