

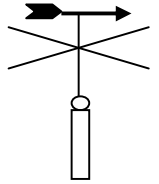


## Advisory Service bulletin 28/17, Friday dt.14-07-2017

( Issued jointly by IAAS Vellanikkara)

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### ERNAKULAM

**CURRENT SYNOPTIC SITUATION:** An off shore trough at mean sea level runs from South Maharashtra coast to North Kerala coast.

#### NWP MODELS BASED DISTRICT LEVEL WEATHER FORECAST

ISSUED ON: 14.07.2017

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

STATE: KERALA

PARAMETERS	ENSEMBLE FCST				
	DAY-1 15/07	DAY-2 16/07	DAY-3 17/07	DAY-4 18/07	DAY-5 19/07
DISTRICT : ERNAKULAM					
Rainfall (mm)	17	15	13	14	19
Max Temperature ( deg C)	31	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 (%)	80	80	80	80	80
Wind speed (kmph)	014	014	014	014	014
Wind direction (deg)	270	270	270	250	250

#### Agro Meteorological Advisories:

Crop	Stage of the crop / Pest/Disease	Advisories
Paddy (Jyothi, Kanchana)	Seedling stage/Rice case worm	There is a chance of rice case worm in paddy field. To control this 25 kg sawdust or rice husk ash mixed with 1 litre kerosene can be spread after draining the field for 1 acre.
Banana	Sigatoka disease	Due to the pre monsoon showers, there is chance of Sigatoka disease in banana. As a precaution, Spray Pseudomonas 20g/L In case of severe attack spray 1 g Bavistin by mixing it with gum in 1 litre of water on lower surface of leaf.
Vegetables	Aphids	Apply tobacco decoction or 2% neem oil-garlic-soap emulsion for control of aphids in cowpea.
Animal Husbandry	-	As part of the mosquito control measures, the direct rain falling on the cowdung pit should be avoided.  <b>Thank you for Information:</b> Centre for animal adaptation environment and climate change studies, KVASU, Mannuthy.