



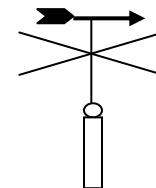
## Advisory Service bulletin 38/16, Friday dt.16-09-2016

( 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:** An upper air cyclonic circulation lies over Telangana and vidharabha extends upto mid tropospheric level tilting southwards with height . An east west shear zone at 3.1 km asl runs roughly along latitude 17 degree north. A low pressure over Telangna and neighbourhood and the upper air cyclonic circulation over west central Bay of Bengal off north Andhra Pradesh Coast became less marked.

### NWP MODELS BASED DISTRICT LEVEL WEATHER FORECAST

ISSUED ON: 16.09.2016

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

STATE : KERALA

PARAMETERS	ENSEMBLE FCST				
	DAY-1 17/09	DAY-2 18/09	DAY-3 19/09	DAY-4 20/09	DAY-5 21/09
DISTRICT : ERNAKULAM					
Rainfall (mm)	1	4	2	1	3
Max Temperature ( deg C)	31	31	31	31	31
Min Temperature ( deg C)	24	24	24	24	24
Total cloud cover (octa)	5	5	6	6	5
Max Relative Humidity (%)	90	90	90	90	90
Min Relative Humidity (%)	70	70	70	70	70
Wind speed (kmph)	008	008	006	006	008
Wind direction (deg)	290	290	270	270	290

### Agro Meteorological Advisories

Crop	Stage of the crop / Pest/Disease	Advisories
Paddy	Milky stage /Bacterial leaf blight	Spray 2gm SAAF/1 litre on leaves, after 2 weeks drench /spray the field with pseudomonas 20gm/1 litre of water.
Banana	Sigatoka	Due to the changing weather pattern, there is a chance of sigatoka disease in banana. As a precaution, Spray Pseudomonas 20g 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.
Nutmeg	Leaf fall	Remove the infected leaves from field and apply Kocide 2g per one liter of water.
Cowpea	Fruit borer	To control fruit borer Apply any pesticide contains Neem oil (4 ml per one litre of water).Repeat it in every week.