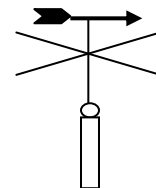




**Advisory Service bulletin 44/16, Friday dt.28-10-2016**  
 ( Issued jointly by IAAS Vellanikkara)  
 Dept. of Agriculture Meteorology, College of Horticulture, Vellanikkara  
 E mail: kauagmet@yahoo.co.in, cohagmet@kau.in  
**ERNAKULAM**



**CURRENT SYNOPTIC SITUATION:** A low pressure area lies over central Bay of Bengal off Andhra Pradesh coast. An upper air cyclonic circulation lay over Lakshadweep area persists. An east- west shear zone ran from low pressure area to Lakshadweep area across coastal Andhra Pradesh, Rayalseema , South Interior Karnataka and Kerala.

**HEAVY RAINFALL WARNING :** Heavy rain is most likely to occur at one or two places in Kerala on 1<sup>st</sup> and 2<sup>nd</sup> November

NWP MODELS BASED DISTRICT LEVEL WEATHER FORECAST  
 ISSUED ON: 28.10.2016  
 VALID TILL 08:30 HRS IST OF THE NEXT 5 DAYS

STATE : KERALA

PARAMETERS	ENSEMBLE FCST				
	DAY-1 29/10	DAY-2 30/10	DAY-3 31/10	DAY-4 01/11	DAY-5 02/11
DISTRICT : ERNAKULAM					
Rainfall (mm)	2	1	6	6	6
Max Temperature ( deg C)	31	31	30	30	30
Min Temperature ( deg C)	24	24	24	24	24
Total cloud cover (octa)	4	4	5	6	6
Max Relative Humidity (%)	90	90	90	90	90
Min Relative Humidity (%)	70	70	70	70	70
Wind speed (kmph)	006	006	006	006	006
Wind direction (deg)	270	290	290	320	320

**Agro Meteorological Advisories:**

Crop	Stage of the crop / Pest/Disease	Advisories
Paddy (Jyothi, kanjana, Uma, Ponmani)	Seedling stage	There is a chance of thrips in seedling stage. Spray Rogar 1.5 ml/1 litre of water.
Coconut	Rhinoceros beetle	Apply 250 gm neem cake mixed with equal volume of sand in the innermost 2-3 leaf axils.
Banana		Apply compost, cattle manure or green leaves at 10 kg per plant. Dig the field very well. Take the irrigation channel and basin in the field. Ensure good drainage and prevent water logging in the field. It is the time for the cultivation of inter crops.
Pepper	Pollu beetle	There is a chance of pollu beetle attack at the time of berry maturing stage . Spray Rogar or Quinalphos 2 ml/1 litre of water.