

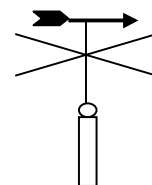


## Advisory Service bulletin 23/17, Friday dt.09-06-2017

( 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:** A low pressure area has formed over west central Bay of Bengal and neighbourhood with associated upper air cyclonic circulation extending up to 5.8 km above sea level. An off shore trough runs from south Maharashtra coast to Kerala coast.

**HEAVY RAINFALL WARNING:** Heavy rainfall will occur at one or two places in Kerala from 10<sup>th</sup> morning to 13<sup>th</sup> morning of June 2017.

#### NWP MODELS BASED DISTRICT LEVEL WEATHER FORECAST

ISSUED ON: 09.06.2017

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

STATE: KERALA

PARAMETERS	ENSEMBLE FCST				
	DAY-1 10/06	DAY-2 11/06	DAY-3 12/06	DAY-4 13/06	DAY-5 14/06
DISTRICT : ERNAKULAM					
Rainfall (mm)	10	20	20	17	14
Max Temperature ( deg C)	31	30	30	30	30
Min Temperature ( deg C)	25	25	25	25	25
Total cloud cover (octa)	6	7	7	7	6
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	250	270	230

#### Agro Meteorological Advisories:

Crop	Stage of the crop / Pest/Disease	Advisories
Paddy	Land preparation to transplanting	Transplant seedlings at 4-5 leaf stage. Soak seed for 30 minutes in a solution of Pseudomonas culture @10g/litre per kg of seeds. The above seed treatment can also be used to control sheath blight, sheath rot, leaf spot disease etc.
Banana	Sigatoka disease	Due to the pre monsoon showers, there is chance of Sigatoka disease in banana. As a precaution, Spray Pseudomonas 20g/li. In case of severe attack spray 1 gm Bavistin by mixing it with gum in 1 litre of water on lower surface of leaf.
Vegetables	Powdery mildew	There is a chance of powdery mildew attack in vegetables. Application of mancozeb 3g/L or Trichoderma 2g/L is effective.