

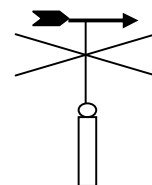


## Agromet Advisory Service bulletin 50/17, Friday dt. 15-12-2017

( 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:** An upper air cyclonic circulation lies over Maldives- Lakshadweep area and extends upto 0.9 km above mean sea level.

#### NWP MODELS BASED DISTRICT LEVEL WEATHER FORECAST

ISSUED ON: 15.12.2017

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

#### DISTRICT : ERNAKULAM

#### ENSEMBLE FCST

PARAMETERS	16.12.2017	17.12.2017	18.12.2017	19.12.2017	20.12.2017
Rainfall (mm)	5	2	2	0	0
Max Temperature ( deg	32	32	32	32	32
Min Temperature ( deg C)	24	24	24	24	24
Total cloud cover (octa)	5	5	5	4	4
Max Relative Humidity (%)	85	85	85	85	85
Min Relative Humidity (%)	75	75	75	75	75
Wind speed (kmph)	12	12	12	12	12
Wind direction (deg)	250	250	250	250	250

#### Agro Meteorological Advisories:

Crop	Crop stage / Pest/Disease	Advisories
Paddy (Jyothi, Kanchana)	Rice bug	Apply neem based pesticides (3ml per one liter of water). Pesticides application should be done either before 9 am or after 3 pm. Otherwise, the pesticide application will adversely affect the pollination.
Banana	Sigatoka disease	Due to continuous rain, there is a chance of Sigatoka disease in banana. As a precaution, Spray Pseudomonas 20g/litre. In case of severe attack, spray 1 gm of Bavistin in 1 litre of water on lower surface of leaf (by mixing with gum)
Vegetables	Thrips and Mite	There is a chance for the attack of thrips and mites in vegetables. Apply 2% neem oil+garlic emulsion under the leaf surface at 10 days intervals. If the attack is severe apply spiromecifen 8 ml/10 L of water.
Animal Husbandry		If respiratory distress, fever or lameness are noticed in animals, consult a veterinary surgeon immediately. (CAADECS, KVASU, Mannuthy)