

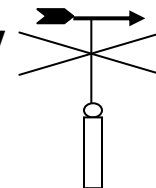


# Agromet Advisory Service bulletin 40/17, Friday dt.06-10-2017

( 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 East-West shear zone roughly along Lat 13° N extends between 1.5km & 4.5km above sea level tilting southwards with height.

**Heavy Rainfall Warning:** Heavy rain is most likely to occur at one or two places in Kerala till the morning of 7<sup>th</sup> October 2017.

### NWP MODELS BASED DISTRICT LEVEL WEATHER FORECAST

ISSUED ON: 06.10.2017

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

DISTRICT : ERNAKULAM

### ENSEMBLE FCST

PARAMETERS	07.10.2017	08.10.2017	09.10.2017	10.10.2017	11.10.2017
Rainfall (mm)	16	5	0	6	10
Max Temperature ( deg	29	29	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 (%)	75	75	75	75	75
Wind speed (kmph)	8	8	8	8	8
Wind direction (deg)	250	250	250	250	250

### Agro Meteorological Advisories:

Crop	Crop stage / Pest/Disease	Advisories
Paddy (Jyothi, kanjana)	Sheath blight	There is a chance for Sheath blight disease during rainy season. The immediate symptom is that outer leaves of paddy become yellow coloured. Black lesions can be seen on the lower part just above the water level. As a prophylactic measure, apply Pseudomonas or Trichoderma @ 20 gram per litre of water. To prevent this disease, apply Hexaconazole @ 2 ml per litre of water.
Coconut	Rhinoceros beetle	As a prophylactic measure, apply 250 gm neem cake (or) four number of Naphthalene balls mixed with equal volume of sand in the innermost 2 to 3 leaf axils. To control, place three perforated packets of Ferterra (5gm) sachet around spindle leaves.
Vegetables	-	This is the time for land preparation of cool season vegetables.
Animal Husbandry		Mosquito control measures can be adopted. Cattle should not be allowed graze in water logged areas for avoiding diseases. Avoid water logging in cattle sheds also. If fever and respiratory distress are noticed consult a veterinary surgeon. (CAADECS, KVASU, Mannuthy)