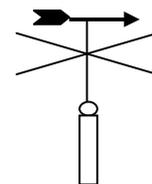




**Agromet Advisory Service bulletin 40/17, Tuesday dt .03.10.2017**  
(Issued jointly by IAAS Vellanikkara)



**Dept. of Agriculture Meteorology, College of Horticulture, Vellanikkara**  
E mail: kauagmet@yahoo.co.in, cohagmet@kau.in

**ERNAKULAM**

**CURRENT SYNOPTIC SITUATION:** An upper air cyclonic circulation lies over Gangetic west Bengal and neighbourhood and extends upto 1.5km above sea level .The trough from the above cyclonic circulation runs to coastal Karnataka across Odisha,South Chattisgarh, Telangana ,Rayalaseema and South Interior Karnataka and extends upto 1.5km above sea level .

NWP MODELS BASED DISTRICT LEVEL WEATHER FORECAST  
ISSUED ON: 03.10.2017  
VALID TILL 08:30 HRS IST OF THE NEXT 5 DAYS

**DISTRICT: ERNAKULAM**

**ENSEMBLE FCST**

PARAMETERS	04.10.2017	05.10.2017	06.10.2017	07.10.2017	08.10.2017
Rainfall (mm)	5	4	5	16	4
Max Temperature ( deg	32	32	32	31	30
Min Temperature ( deg C)	24	24	24	24	24
Total cloud cover (octa)	5	5	5	7	5
Max Relative Humidity (%)	90	90	90	90	90
Min Relative Humidity (%)	80	80	80	80	80
Wind speed (kmph)	16	16	16	16	16
Wind direction (deg)	290	290	290	270	270

**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)