

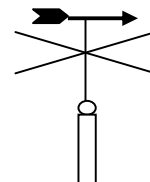


## Advisory Service bulletin 34/17, Friday dt. 25-08-2017

( Issued jointly by IAAS Vellanikkara)

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### PALAKKAD

**CURRENT SYNOPTIC SITUATION:** A feeble trough of low pressure runs from south Karnataka coast to Kerala coast. An upper air cyclonic circulation over North Chattisgarh and neighbourhood extending up to 7.6 km above mean sea level and tilting southwards with height

**HEAVY RAINFALL WARNING:** Heavy rainfall will occur at one or two places in Kerala till the morning of 21<sup>st</sup> August 2017.

#### NWP MODELS BASED DISTRICT LEVEL WEATHER FORECAST

ISSUED ON: 25.08.2017

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

DISTRICT: PALAKKAD

ENSEMBLE FCST

PARAMETERS	26.08.2017	27.08.2017	28.08.2017	29.08.2017	30.08.2017
Rainfall (mm)	4	5	16	20	10
Max Temperature ( deg	32	32	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 (%)	80	80	80	80	80
Wind speed (kmph)	8	8	8	8	8
Wind direction (deg)	270	270	270	270	270

#### Agro Meteorological Advisories:

Crop	Stage of the crop / Pest/Disease	Advisories
Paddy (Jyothi, Kanchana)	Panicle initiation/ Sheath blight	There is a chance for Sheath blight disease in paddy. The symptom is that occurrence of elongated greyish patches on the outer leaves of paddy. Black lesions can be seen on the lower part just above the water level. Apply Hexaconazole 5 EC @ 1000 ml per 1 hectore to control Sheath blight.
Coconut	Mahali	There is a chance of Mahali disease during rainy season. Apply 1% Bordeaux mixture.
Vegetables	Thrips and Mite	Due to changing weather pattern (alternate rainfall) there is a chance for the attack of thrips and mites in vegetables. Apply Spiromecifen 8 ml/10 L of water.
Animal Husbandry	-	Take vaccination against Haemorrhagic septicaemia in cattles. If fever and respiratory distress are noticed consult a veterinary surgeon. Control the vector (mosquito) of the disease. <b>Thank you for Information:</b> Centre for Animal Adaptation to Environment and Climate Change Studies, KVASU, Mannuthy.