

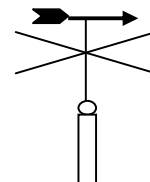


Advisory Service bulletin 33/17, Friday dt. 18-08-2017

(Issued jointly by IAAS Vellanikkara)

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PALAKKAD

CURRENT SYNOPTIC SITUATION: A feeble trough of low pressure runs from south Maharashtra coast to Kerala coast. An east west shear line runs roughly along Lat 12° N at 3.6 km above sea level. An upper air cyclonic circulation over North Bay of Bengal and neighbourhood extending up to 5.8 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 21st August 2017.

NWP MODELS BASED DISTRICT LEVEL WEATHER FORECAST

ISSUED ON: 18.08.2017

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

DISTRICT : THRISSUR

ENSEMBLE FCST

PARAMETERS	19.08.2017	20.08.2017	21.08.2017	22.08.2017	23.08.2017
Rainfall (mm)	7	10	12	12	10
Max Temperature (deg	31	31	31	31	31
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)	10	10	10	10	12
Wind direction (deg)	230	250	250	250	250

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 hectare 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. Thank you for Information: Centre for Animal Adaptation to Environment and Climate Change Studies, KVASU, Mannuthy.

