

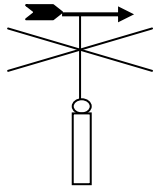


## Advisory Service bulletin 18/17, Friday dt.05-05-2017

( Issued jointly by IAAS Vellanikkara)

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### ERNAKULAM

**CURRENT SYNOPTIC SITUATION:** An upper air trough runs from North Interior Karnataka to Comorin area upto 0.9 km above sea level . An upper air trough in easterlies runs from Maldiva –Lakshadweep area to South Madhya Pradesh across North Kerala ,Interior Karnataka and Madhya Maharashtra at 1.5 km above sea level .

#### NWP MODELS BASED DISTRICT LEVEL WEATHER FORECAST

ISSUED ON: 05.05.2017

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

STATE : KERALA

PARAMETERS	ENSEMBLE FCST				
	DAY-1 06/05	DAY-2 07/05	DAY-3 08/05	DAY-4 09/05	DAY-5 10/05
DISTRICT : ERNAKULAM					
Rainfall (mm)	2	1	1	8	1
Max Temperature ( deg C)	34	34	34	34	34
Min Temperature ( deg C)	26	26	26	26	26
Total cloud cover (octa)	5	6	6	5	6
Max Relative Humidity (%)	80	80	80	80	80
Min Relative Humidity (%)	65	65	65	65	65
Wind speed (kmph)	008	008	008	008	008
Wind direction (deg)	270	270	270	270	270

#### Agro Meteorological Advisories:

Crop	Stage of the crop / Pest/Disease	Advisories
Paddy	Maturity stage	Drain out water from the fields completely for early and uniform hardening of the grain. Keep drying the grains for seed purpose.
Coconut	Red palm weevil and Rhinoceros beetle	Farmers are advised to keep vigilance against Red palm weevil and Rhinoceros beetle. Inoculation of breeding sites with entomopathogenic fungus <i>Metarrhizium anisopliae</i> (10-15g per litre water). Application of neem cake mixed with equal volume of sand in the innermost leaf axils.
Banana	Spodoptra	Due to the increase in maximum temperature there is a chance for Spodoptra in banana. Destroy the affected leafs along with the spodoptra. For severe attack spray Fame 2 ml/10 L of water.
Vegetables (Chilli)	Mite	Due to dry atmospheric condition there may be a chance of mite attack in chilli. Apply Oberon at the rate of 0.75ml per one litre of water.