

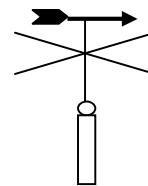


## Agromet Advisory Service bulletin 34/16, Tuesday dt 16-08-16

(Issued jointly by IAAS Vellanikkara)

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### ERNAKULAM

**CURRENT SYNOPTIC SITUATION:** A well marked low pressure area lies over northwest Bay of Bengal and neighbourhood. Associated upper air cyclonic circulation extends upto 5.8 km asl. A feeble trough of low pressure lies over Lakshadweep area .

#### NWP MODELS BASED DISTRICT LEVEL WEATHER FORECAST

ISSUED ON: 16.08.2016

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

STATE : KERALA

PARAMETERS	ENSEMBLE FCST				
	DAY-1 17/08	DAY-2 18/08	DAY-3 19/08	DAY-4 20/08	DAY-5 21/08
DISTRICT : ERNAKULAM					
Rainfall (mm)	7	12	14	7	3
Max Temperature ( deg C)	32	32	32	32	32
Min Temperature ( deg C)	25	25	24	24	24
Total cloud cover (octa)	6	6	6	6	6
Max Relative Humidity (%)	90	90	90	90	90
Min Relative Humidity (%)	70	70	70	70	70
Wind speed (kmph)	013	013	013	013	008
Wind direction (deg)	290	290	290	290	290

#### 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 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. Apply Propiconazole 25 EC @ 500 ml per 1 hecter to control Sheath blight.
Banana	Yellowing (Erwinia Rot)	There is a chance of yellowing in banana. Examine the sucker and make sure that it is Erwinia rot, it can be controlled by mixing 25gms of Kocide and 6gms of Streptocycline in 25 ml of water and apply 5 litre of solution to each banana basin.
Ginger, Turmeric	Rhizome rot	During rainy season there is a chance of rhizome rot, to control this dig out the affected plants and apply Kocide 2gm/1 litre water.
Cowpea	Fruit borer	To control fruit borer Apply any pesticide contains Neem oil (4 ml per one litre of water).Repeat it in every week.