

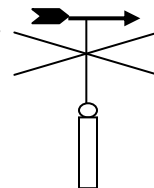


# Agromet Advisory Service bulletin 42/17, Friday dt.20-10-2017

( Issued jointly by IAAS Vellanikkara)

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## ERNAKULAM

**CURRENT SYNOPTIC SITUATION:** An upper air cyclonic circulation lies over East central Arabian sea and neighbourhood and extends upto 4.5km above sea level. Another upper air cyclonic circulation lies over South- west Bay of Bengal and adjoining South- east Bay of Bengal and extends upto 4.5km above sea level. An east- west shear zone runs roughly along Lat 11°N between 2.1 & 5.8km above sea level.

**Heavy Rainfall Warning:** Heavy rainfall is most likely to occur at one or two places in Kerala from 14<sup>th</sup> morning till the morning of 16<sup>th</sup> October 2017.

### NWP MODELS BASED DISTRICT LEVEL WEATHER FORECAST

ISSUED ON: 20.10.2017

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

DISTRICT : THRISSUR

### ENSEMBLE FCST

PARAMETERS	21.10.2017	22.10.2017	23.10.2017	24.10.2017	25.10.2017
Rainfall (mm)	10	18	0	0	0
Max Temperature ( deg	32	32	32	32	32
Min Temperature ( deg C)	25	25	25	25	25
Total cloud cover (octa)	6	8	4	4	4
Max Relative Humidity (%)	90	90	90	85	85
Min Relative Humidity (%)	70	70	70	60	60
Wind speed (kmph)	14	14	14	14	14
Wind direction (deg)	250	270	270	270	270

### Agro Meteorological Advisories:

Crop	Crop stage / Pest/Disease	Advisories
Paddy (Jyothi, kanjana)	Leaf folder	There is a chance of rice leaf folder in mundakan paddy (second crop) in seedling stage. Spray 2ml fame/10 litre of water.
Coconut	Red palm weevil	Coconut palms are seen affected by red palm weevil. Apply imidacloprid (neonicotinoid) 1 ml/10 litre at spindle leaf area.
Banana	Erwinia Rot	Proper drainage should be ensured. As a precaution, apply lime in the banana basin or bleaching powder in the irrigation channels. To improve the disease resistance, drench the basin with Pseudomonas @ 20g per litre of water. Affected plants can be protected by drenching the basin with 5 g bleaching powder or 3 g oxychloride per litre of water or 2g copper hydroxide per one litre of water. Severely affected plants should be cut and removed.
Animal Husbandry	Maintain cleanliness of the cattle shed, udder of the cow and also hands of the person who milking the cow. (CAADECS, KVASU, Mannuthy)	