

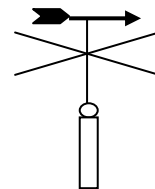


# Agromet Advisory Service bulletin 01/18, Friday dt. 05-01-2018

( Issued jointly by IAAS Vellanikkara)

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## PALAKKAD

**CURRENT SYNOPTIC SITUATION:** A trough of low at mean sea level lies over Maldives-Lakshadweep area. An upper air cyclonic circulation lies over South east Arabian sea off Kerala coast between 3.1 and 3.6km above mean sea level.

### NWP MODELS BASED DISTRICT LEVEL WEATHER FORECAST

ISSUED ON: 05.01.2018

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

DISTRICT : PALAKKAD

ENSEMBLE FCST

PARAMETERS	06.01.2018	07.01.2018	08.01.2018	09.01.2018	10.01.2018
Rainfall (mm)	0	0	0	0	0
Max Temperature ( deg	33	33	33	33	33
Min Temperature ( deg C)	24	24	24	24	24
Total cloud cover (octa)	4	4	4	4	4
Max Relative Humidity (%)	80	80	80	80	80
Min Relative Humidity (%)	65	65	65	65	65
Wind speed (kmph)	10	10	10	10	10
Wind direction (deg)	90	90	90	90	90

### Agro Meteorological Advisories:

Crop	Crop stage / Pest/Disease	Advisories
Paddy (Jyothi, Kanchana)	Rice bug	Apply neem based pesticides (3ml per one liter of water). Pesticides application should be done either before 9 am or after 3 pm. Otherwise, the pesticide application will adversely affect the pollination.
Coconut	White fly	To control white fly, spray the mixture of 2% neem oil emulsion with 20 g of biocontrol agent (Verticillium) on lower sides of leaves. Avoid application of chemicals to save the biocontrol agents.
Banana	Spodoptera	Destroy the affected leaves along with the spodoptera. For severe attack spray Flubendiamide (Fame) 2 ml/10 L of water.
Vegetables	Downy mildew	If yellowing symptom due to downy mildew is observed in cucurbitaceous vegetables, apply Mancozeb @ 3 g per liter of water.
Animal Husbandry	Vaccinate animals against foot and mouth disease. (CAADECCS, KVASU, Mannuthy)	