

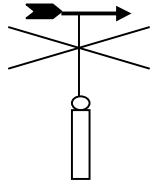


Agromet Advisory Service bulletin 37/17, Friday dt.15-09-2017

(Issued jointly by IAAS Vellanikkara)

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ERNAKULAM

CURRENT SYNOPTIC SITUATION: An upper air cyclonic circulation lies over East Central Arabian sea off north coastal Karnataka and south konkan coast and extends up to 3.1 km above sea level

Heavy Rainfall Warning: Heavy rainfall most likely to occur at one or two places in Kerala till the morning of 16th and from 17th morning to 19th morning September 2017.

NWP MODELS BASED DISTRICT LEVEL WEATHER FORECAST

ISSUED ON: 15.09.2017

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

DISTRICT : ERNAKULAM

ENSEMBLE FCST

PARAMETERS	16.09.2017	17.09.2017	18.09.2017	19.09.2017	20.09.2017
Rainfall (mm)	18	35	33	19	20
Max Temperature (deg	31	31	31	31	31
Min Temperature (deg C)	24	24	24	24	24
Total cloud cover (octa)	8	8	8	8	8
Max Relative Humidity (%)	93	93	93	93	93
Min Relative Humidity (%)	85	85	85	85	85
Wind speed (kmph)	14	14	14	14	14
Wind direction (deg)	250	250	270	270	270

Agro Meteorological Advisories:

Crop	Stage of the crop / Pest/Disease	Advisories
Coconut	Bud rot	As a prophylactic measure, hung three perforated packets of Mancozeb sachet (5gm) around spindle leaves.
Banana	Sigatoka disease	Due to continuous rain, there is a chance of Sigatoka disease in banana. As a precaution, Spray Pseudomonas 20g/litre. In case of severe attack, spray 1 gm of Bavistin in 1 litre of water on lower surface of leaf (by mixing with gum)
Vegetables	Downy mildew	If yellowing symptom due to downy mildew is observed in cucurbitaceous vegetables, apply 3 g/Mancozeb per liter of water.
Animal Husbandry		Mosquito control measures can be adopted. Cattle should not be allowed graze in water logged areas for avoiding diseases. Avoid water logging in cattle sheds also. If fever and respiratory distress are noticed consult a veterinary surgeon. (Centre for animal adaptation to environment and climate change studies, KVASU, Mannuthy)