

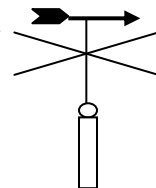


Agromet Advisory Service bulletin 41/17, Friday dt.13-10-2017

(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 14th morning till the morning of 16th October 2017.

NWP MODELS BASED DISTRICT LEVEL WEATHER FORECAST

ISSUED ON: 13.10.2017

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

DISTRICT : ERNAKULAM

ENSEMBLE FCST

PARAMETERS	14.10.2017	15.10.2017	16.10.2017	17.10.2017	18.10.2017
Rainfall (mm)	16	31	20	30	35
Max Temperature (deg	30	30	30	30	32
Min Temperature (deg C)	24	24	25	25	25
Total cloud cover (octa)	7	8	8	8	8
Max Relative Humidity (%)	90	90	90	90	90
Min Relative Humidity (%)	80	80	80	80	80
Wind speed (kmph)	14	14	14	14	14
Wind direction (deg)	270	270	270	250	180

Agro Meteorological Advisories:

Crop	Crop stage / Pest/Disease	Advisories
Paddy (Jyothi, Kanchana)	Harvesting stage	First paddy crop is in Harvesting stage. Land preparation for second paddy crop can be started.
Coconut	Bud rot	As a prophylactic measure, hung three perforated packets of Mancozeb sachet (5gm) around spindle leaves.
Banana	Spodoptra	Destroy the affected leafs along with the spodoptra. For severe attack spray Flubendiamide (Fame) 2 ml/10 L of water.
Vegetables	-	This is the best time to sow cabbage and cauliflower seeds in the nursery beds. Addition of pseudomonas culture to the soil at the time of planting of cabbage and cauliflower will help to reduce fungal diseases.
Animal Husbandry		Deworming of animals should be done only after dung sample examination. In calves first dose of medicine should be given within 15 days of age. (CAADECS, KVASU, Mannuthy)