

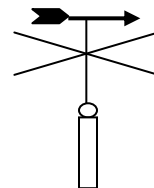


Advisory Service bulletin 35/17, Friday dt.01-09-2017

(Issued jointly by IAAS Vellanikkara)

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ERNAKULAM

CURRENT SYNOPTIC SITUATION: A well marked low pressure lie over kutch and adjoining areas of South Pakistan and north east Arabian sea with associated upper cyclonic circulation up to 5.8 km above sea level. An Offshore trough at mean sea level runs from Maharashtra coast to Kerala Coast.

NWP MODELS BASED DISTRICT LEVEL WEATHER FORECAST

ISSUED ON: 01.09.2017

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

DISTRICT : ERNAKULAM

ENSEMBLE FCST

PARAMETERS	01.09.2017	02.09.2017	03.09.2017	04.09.2017	05.09.2017
Rainfall (mm)	3	10	9	2	3
Max Temperature (deg	31	31	31	31	31
Min Temperature (deg C)	35	35	35	35	35
Total cloud cover (octa)	5	6	6	5	5
Max Relative Humidity (%)	90	90	90	90	90
Min Relative Humidity (%)	75	75	75	75	75
Wind speed (kmph)	16	16	16	16	16
Wind direction (deg)	300	300	290	290	290

Agro Meteorological Advisories:

Crop	Stage of the crop / Pest/Disease	Advisories
Paddy (Jyothi, Kanchana)	Milky Stage/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.
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 or 2g copper hydroxide per one litre of water. Severely affected plants should be cut and removed to prevent the spread of disease.
Animal Husbandry	-	Mosquito control measures can be adapted. Cattle should not be allowed graze in water logged areas for avoiding diseases. Avoid water logging in cattle sheds. If fever and respiratory distress are noticed consult a veterinary surgeon. Thank you for Information: Centre for animal adaptation environment and climate change studies, KVASU, Mannuthy.