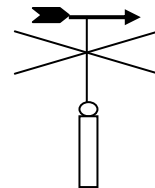# Agromet Advisory Service bulletin 36/17, Tuesday dt 05.09.2017
(Issued jointly by IAAS Vellanikkara)
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ERNAKULAM

CURRENT SYNOPTIC SITUATION: A feeble trough of Low pressure runs from Maharashtra coast to Kerala coast.

NWP MODELS BASED DISTRICT LEVEL WEATHER FORECAST
ISSUED ON: 05.09.2017
VALID TILL 08:30 HRS IST OF THE NEXT 5 DAYS

`DISTRICT: ERNAKULAM`   **ENSEMBLE FCST**

PARAMETERS	06.09.2017	07.09.2017	08.09.2017	09.09.2017	10.09.2017
Rainfall (mm)	14	8	8	8	19
Max Temperature (deg	32	32	32	32	32
Min Temperature (deg C)	24	24	24	24	24
Total cloud cover (octa)	7	6	6	6	8
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)	290	290	290	290	270

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 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)