

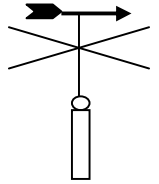


Advisory Service bulletin 27/17, Friday dt.07-07-2017

(Issued jointly by IAAS Vellanikkara)

Dept. of Agriculture Meteorology, College of Horticulture, Vellanikkara

E mail: kauagmet@yahoo.co.in, cohagmet@kau.in



ERNAKULAM

CURRENT SYNOPTIC SITUATION: An off shore trough runs from South Gujarat coast to North Kerala coast.

NWP MODELS BASED DISTRICT LEVEL WEATHER FORECAST

ISSUED ON: 07.07.2017

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

STATE: KERALA

PARAMETERS	ENSEMBLE FCST				
	DAY-1 08/07	DAY-2 09/07	DAY-3 10/07	DAY-4 11/07	DAY-5 12/07
DISTRICT : ERNAKULAM					
Rainfall (mm)	5	7	9	9	6
Max Temperature (deg C)	31	31	32	32	32
Min Temperature (deg C)	25	25	24	24	24
Total cloud cover (octa)	5	6	6	6	5
Max Relative Humidity (%)	90	90	90	90	90
Min Relative Humidity (%)	80	80	80	80	80
Wind speed (kmph)	014	014	014	014	014
Wind direction (deg)	290	270	250	290	290

Agro Meteorological Advisories:

Crop	Stage of the crop / Pest/Disease	Advisories
Paddy (Jyothi, Kanchana)	Seedling stage	Seedling stage in first paddy crop.
Banana	Sigatoka disease	Due to the pre monsoon showers, there is chance of Sigatoka disease in banana. As a precaution, Spray Pseudomonas 20g/L In case of severe attack spray 1 g Bavistin by mixing it with gum in 1 litre of water on lower surface of leaf.
Nutmeg/Pepper	Quick wilt	Prophylactic spraying of 1% Bordeaux mixture against fungal disease in nutmeg and pepper can be done. There is a chance of Quick wilt disease due to high relative humidity. Apply <i>Trichoderma</i> or <i>pseudomonas</i> culture in soil or 1% Bordeaux mixture can be sprayed on the leaves and small branches.
Poultry	-	Due to lack of sufficient light in the monsoon, there is a chance of decrease in the egg production. To avoid this, provide light by fluorescent lights about 16 hrs/day. Thank you for Information: Centre for animal adaptation environment and climate change studies, KVASU, Mannuthy.