



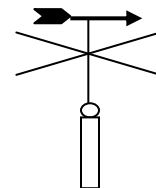
Advisory Service bulletin 04/17, Friday dt.27-01-2017

(Issued jointly by IAAS Vellanikkara)

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ERNAKULAM



CURRENT SYNOPTIC SITUATION: A trough of low at mean sea level lies over Maldives area & neighbourhood with an upper air cyclonic circulation aloft extending up to 2.1 km above sea level. Another trough of low pressure area lies over Southwest Bay of Bengal & neighbourhood extending up to 0.9 km above sea level.

NWP MODELS BASED DISTRICT LEVEL WEATHER FORECAST

ISSUED ON: 27.01.2017

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

STATE : KERALA

PARAMETERS	ENSEMBLE FCST				
	DAY-1 28/01	DAY-2 29/01	DAY-3 30/01	DAY-4 31/01	DAY-5 01/02
DISTRICT : ERNAKULAM					
Rainfall (mm)	1	0	0	0	0
Max Temperature (deg C)	34	33	33	33	33
Min Temperature (deg C)	25	25	25	25	25
Total cloud cover (octa)	6	6	5	5	5
Max Relative Humidity (%)	80	80	80	80	80
Min Relative Humidity (%)	50	50	50	50	50
Wind speed (kmph)	008	008	008	008	008
Wind direction (deg)	290	290	290	290	290

Agro Meteorological Advisories:

Crop	Stage of the crop / Pest/Disease	Advisories
Banana	Sigatoka	There is a chance of sigatoka disease in banana. As a precaution, Spray Pseudomonas 20g per 1 liter of water. In case of severe attack spray 1 gm Bavistin by mixing it with gum in 1 litre of water on lower surface of leaf.
Coconut	White fly/Sooty mould	Due to the attack of white flies, there is a chance for sooty mould in coconut. As a control measure spray starch solution (1%) on coconut leaves.
Vegetables	Stunted growth	Due to the increase in atmospheric temperature, the attack of insects such as aphids, white flies, hoppers, etc. are more. As a result of this, there is a chance of stunted growth in vegetables. It can be controlled by applying 5 gms of Verticillium or Metarhizium in 1 litre of water and add neem cake as manure. Neem based insecticides can be applied.