



Agromet Advisory Service bulletin 04/17, Tuesday dt 24-01-2017

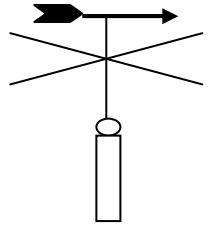
(Issued jointly by IAAS Vellanikkara)

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THRISSUR

Significant weather for the preceding week at Vellanikkara



Rainfall weekly total	0.0 mm
Maximum temperature	33.1-35.4 ⁰ C
Minimum temperature	20.8-25.4 ⁰ C
Max. RH	54-64%
Min. RH	17-49%
Wind speed	5.0-11.1 km/hr
Sun shine hour	5.2-9.3 hr
Evaporation	3.7-6.4 mm

CURRENT SYNOPTIC SITUATION: A trough of low at mean sea level over central parts of South Bay of Bengal and adjoining equatorial Indian ocean now lies over South West Bay of Bengal off Sri Lanka coast with an upper air cyclonic circulation aloft extending upto 3.1 km above sea level.

NWP MODELS BASED DISTRICT LEVEL WEATHER FORECAST

ISSUED ON: 24.01.2017

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

STATE : KERALA

PARAMETERS	ENSEMBLE FCST				
	DAY-1 25/01	DAY-2 26/01	DAY-3 27/01	DAY-4 28/01	DAY-5 29/01
DISTRICT : THRISSUR					
Rainfall (mm)	0	0	0	0	1
Max Temperature (deg C)	35	35	35	35	35
Min Temperature (deg C)	25	25	25	24	24
Total cloud cover (octa)	4	4	5	5	5
Max Relative Humidity (%)	70	70	75	75	75
Min Relative Humidity (%)	40	40	40	40	40
Wind speed (kmph)	008	008	008	008	008
Wind direction (deg)	050	050	320	320	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.