



# Agromet Advisory Service bulletin 16/17, Tuesday dt 18-04-2017

(Issued jointly by IAAS Vellanikkara)

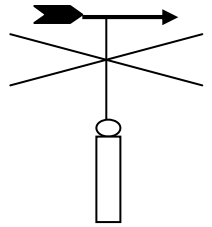
Dept. of Agriculture Meteorology, College of Horticulture, Vellanikkara

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

## THRISSUR

### Significant weather for the preceding week at Vellanikkara

Rainfall weekly total	18.6 mm
Maximum temperature	34.7-35.9 <sup>0</sup> C
Minimum temperature	23.0-26.7 <sup>0</sup> C
Max. RH	81-92%
Min. RH	53-65%
Wind speed	1.3-2.3 km/hr
Sun shine hour	1.2-8.6 hr
Evaporation	2.4-4.6 mm



**CURRENT SYNOPTIC SITUATION:** An upper air Cyclonic circulation lies over north interior Karnataka and neighbourhood and extends upto 0.9km asl. Yesterday's upper air trough now extends from this system to Lakshadweep area. The other trough from South interior Karnataka to south Tamil Nadu now runs from above Cyclonic circulation to South Tamil Nadu and extends upto 0.9km asl.

### NWP MODELS BASED DISTRICT LEVEL WEATHER FORECAST

ISSUED ON: 18.04.2017

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

STATE : KERALA

PARAMETERS	ENSEMBLE FCST				
	DAY-1 19/04	DAY-2 20/04	DAY-3 21/04	DAY-4 22/04	DAY-5 23/04
DISTRICT : THRISSUR					
Rainfall (mm)	0	1	0	1	1
Max Temperature ( deg C)	35	35	35	35	35
Min Temperature ( deg C)	26	26	26	26	26
Total cloud cover (octa)	4	4	5	6	4
Max Relative Humidity (%)	80	80	80	80	80
Min Relative Humidity (%)	60	60	60	60	60
Wind speed (kmph)	006	006	006	006	006
Wind direction (deg)	230	250	250	250	270

### Agro Meteorological Advisories:

Crop	Stage of the crop / Pest/Disease	Advisories
Paddy	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	Sigatoka	Due to the changing weather pattern, there is a chance of sigatoka disease in banana. Spray Pseudomonas 10- 20g per 1 liter of water. In case of severe attack apply SAAF @ 2 g in 1 liter of water
Coconut	-	Burying of fresh or dried coconut husk around the palm is a desirable practice particularly for moisture retention. The husk can be buried either in linear trenches taken 3 m away from the trunk between rows of palms or in circular trenches taken around the palm at a distance of 2 m from the trunk. The trenches may be of 0.5 m width and depth. The husks are to be placed in layers with concave surface facing upwards and covered with soil. The beneficial effect of husk burial will last for about 5-7 years. Instead of husk, coconut pith can be buried @ 25 kg / palm / year. here is a chance for red palm weevil in small coconut trees. As a control measure, mix 1 ml of imidachloprid in one litre of water and pour on its crown.