



Agromet Advisory Service bulletin 14/17, Tuesday dt 04-04-2017

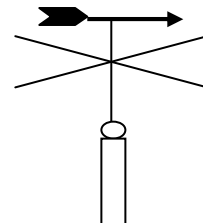
(Issued jointly by IAAS Vellanikkara)

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	0.0 mm
Maximum temperature	35.8-39.1 ⁰ C
Minimum temperature	24.9-26.5 ⁰ C
Max. RH	83-89%
Min. RH	28-62%
Wind speed	1.8-2.6 km/hr
Sun shine hour	7.2-9.7 hr
Evaporation	4.0-5.6 mm

CURRENT SYNOPTIC SITUATION: An upper air trough runs from comorin area to coastal Andhra Pradesh across Tamil Nadu and extends upto 0.9 km asl . An upper air cyclonic circulation lies over South Tamil Nadu and Neighbourhood between 1.5km and 2.1km a.s.l..

NWP MODELS BASED DISTRICT LEVEL WEATHER FORECAST

ISSUED ON: 04.04.2017

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

STATE : KERALA

PARAMETERS	ENSEMBLE FCST				
	DAY-1 05/04	DAY-2 06/04	DAY-3 07/04	DAY-4 08/04	DAY-5 09/04
DISTRICT : THRISSUR					
Rainfall (mm)	0	0	0	0	0
Max Temperature (deg C)	37	37	37	37	37
Min Temperature (deg C)	26	26	26	26	26
Total cloud cover (octa)	4	4	6	5	5
Max Relative Humidity (%)	80	80	80	80	80
Min Relative Humidity (%)	60	60	60	60	60
Wind speed (kmph)	008	008	008	008	008
Wind direction (deg)	250	250	250	250	250

Agro Meteorological Advisories:

Crop	Stage of the crop / Pest/Disease	Advisories
Paddy	Milky stage/Rice bug	Apply neem based pesticides (3 ml 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	Pseudo stem weevil	Apply 2% neem emulsion in the starting stage. In case of severe attack apply 2.5 ml Chlorpyrifos in 1 liter of water on the pseudostem mixing with gum. For destroying the weevil, Pseudo stem traps can be used. Split pseudostem traps (45 cm long) are made from the pseudostem pieces cut longitudinally in two halves, spread some amount of Beauveria in between them and a small piece of stone or pebble is placed between the stump and tie together & lay in the field. (Set 25 traps per acre).
Vegetables (Bitter gourd)	Mosaic	There is chance of mosaic in bitter gourd. Cut and destroy the infected plants. To control the vector of mosaic spray dimethoate (Roger) 1.5 ml /L.