

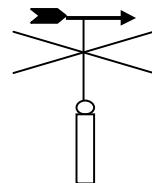


Agromet Advisory Service bulletin 14/17, Tuesday dt 04-04-17

(Issued jointly by IAAS Vellanikkara)

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ERNAKULAM

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 : ERNAKULAM					
Rainfall (mm)	0	0	0	0	0
Max Temperature (deg C)	34	34	34	34	34
Min Temperature (deg C)	27	26	26	26	26
Total cloud cover (octa)	4	4	6	5	6
Max Relative Humidity (%)	80	80	80	85	85
Min Relative Humidity (%)	70	70	70	70	75
Wind speed (kmph)	006	008	008	008	008
Wind direction (deg)	310	300	300	300	300

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.