

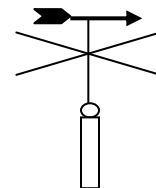


Advisory Service bulletin 16/17, Friday dt.21-04-2017

(Issued jointly by IAAS Vellanikkara)

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ERNAKULAM

CURRENT SYNOPTIC SITUATION: Yesterday's upper air trough from North interior Karnataka has become less marked. An upper air east west shear line at 2.1 km asl runs roughly along Lat 9⁰ north

NWP MODELS BASED DISTRICT LEVEL WEATHER FORECAST

ISSUED ON: 21.04.2017

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

STATE : KERALA

PARAMETERS	ENSEMBLE FCST				
	DAY-1 22/04	DAY-2 23/04	DAY-3 24/04	DAY-4 25/04	DAY-5 26/04
DISTRICT : ERNAKULAM					
Rainfall (mm)	2	0	0	0	0
Max Temperature (deg C)	34	34	34	34	34
Min Temperature (deg C)	26	26	26	26	26
Total cloud cover (octa)	5	5	5	5	5
Max Relative Humidity (%)	85	85	85	85	85
Min Relative Humidity (%)	65	65	65	65	65
Wind speed (kmph)	006	006	006	006	006
Wind direction (deg)	230	230	230	230	230

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.