

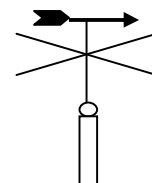


Agromet Advisory Service bulletin 19/17, Tuesday dt 09.05.2017

(Issued jointly by IAAS Vellanikkara)

Dept. of Agriculture Meteorology, College of Horticulture, Vellanikkara

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



ERNAKULAM

CURRENT SYNOPTIC SITUATION: An upper air trough runs from Telangana to Comorin area across interior Tamil Nadu and extends upto 1.5 km above sea level .

NWP MODELS BASED DISTRICT LEVEL WEATHER FORECAST

ISSUED ON: 09.05.2017

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

STATE : KERALA

PARAMETERS	ENSEMBLE FCST				
	DAY-1 10/05	DAY-2 11/05	DAY-3 12/05	DAY-4 13/05	DAY-5 14/05
DISTRICT : ERNAKULAM					
Rainfall (mm)	9	5	2	3	6
Max Temperature (deg C)	34	32	34	34	33
Min Temperature (deg C)	26	26	26	26	26
Total cloud cover (octa)	7	6	5	6	7
Max Relative Humidity (%)	85	85	85	85	85
Min Relative Humidity (%)	70	70	70	70	75
Wind speed (kmph)	014	014	014	014	014
Wind direction (deg)	270	270	290	290	290

Agro Meteorological Advisories:

Crop	Stage of the crop / Pest/Disease	Advisories
Paddy	Maturity stage	Paddy is in the harvesting stage.
Coconut	Bud rot Disease	Cut and remove all the affected tissues of the crown. Apply Bordeaux paste and protect it from rain till normal shoot emergence.
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.
Vegetables	Fruit borer	Apply 5% Neem Kernel Suspension to control fruit borer in the initial stage. Spray Flubendamide 2ml/10L of water or Chloramtraniliprol 3 ml/10L if the attack is severe.

Preparation of Neem Kernel Suspension:

The kernel should be ground into a coarse powder. 50 g of powered neem seed is required per 1 litre of water. The required quality of the coarse powder should be put in small muslin cloth bag and dipped in water for about 12 hours. Thereafter, squeeze the cloth bag repeatedly so that the out-flowing fluid turns light brownish. The NKS is now ready to be sprayed as such on crops.