

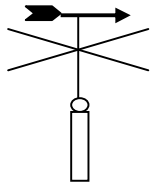


Agromet Advisory Service bulletin 16/16, Friday dt.15-04-16

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 from North Interior Karnataka to Comorin area and extending upto 0.9 km above sea level.

NWP MODELS BASED DISTRICT LEVEL WEATHER FORECAST

ISSUED ON: 15.04.2016

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

STATE : KERALA

PARAMETERS

ENSEMBLE FCST

	DAY-1 16/04	DAY-2 17/04	DAY-3 18/04	DAY-4 19/04	DAY-5 20/04
DISTRICT : ERNAKULAM					
Rainfall (mm)	3	2	1	0	0
Max Temperature (deg C)	35	35	35	35	35
Min Temperature (deg C)	27	27	27	27	27
Total cloud cover (octa)	5	5	5	3	3
Max Relative Humidity (%)	85	85	85	85	85
Min Relative Humidity (%)	60	60	60	60	60
Wind speed (kmph)	006	006	006	006	006
Wind direction (deg)	250	250	270	290	290

Agro Meteorological Advisories

Crop	Pest/Disease	Advisories
Paddy (Panicle stage)	Sheath blight	The immediate symptom is that outer leaves of paddy become yellow coloured. Black lesions can be seen on the lower part just above the water level. Apply Propiconazole 25 EC @ 500 ml per 1 hector to control Sheath blight.
Banana	Cigar end disease	Due to high temperature and low humidity, there is a chance of Cigar end disease in banana bunches. Spray 3 g of Dithane M-45 @ 1 liter of water. The banana plantation may be given support so that the plantation can with stand high wind speed.
Vegetables	Fruit borer	Apply 2% Neem Kernel Suspension to control fruit borer

Preparation of Neem Kernel Suspension:

The kernel should be ground into a coarse powder. 30 g of powered neem seed is required per 10 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.