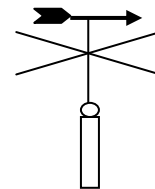




Advisory Service bulletin 28/16, Friday dt.08-07-2016
(Issued jointly by IAAS Vellanikkara)
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ERNAKULAM



CURRENT SYNOPTIC SITUATION:

A trough of low pressure on Sea Level chart lies over East Arabian Sea along and off Karnataka- Kerala coast.

Heavy rainfall warning: Heavy rainfall is most likely to occur at one or two places over Kerala till the morning of 11th July.

NWP MODELS BASED DISTRICT LEVEL WEATHER FORECAST
ISSUED ON: 08.07.2016
VALID TILL 08:30 HRS IST OF THE NEXT 5 DAYS

STATE : KERALA

PARAMETERS	ENSEMBLE FCST				
	DAY-1 09/07	DAY-2 10/07	DAY-3 11/07	DAY-4 12/07	DAY-5 13/07
DISTRICT : ERNAKULAM					
Rainfall (mm)	28	26	28	21	20
Max Temperature (deg C)	31	31	31	31	31
Min Temperature (deg C)	24	24	24	24	24
Total cloud cover (octa)	7	7	7	7	7
Max Relative Humidity (%)	90	90	90	90	90
Min Relative Humidity (%)	80	80	80	80	80
Wind speed (kmph)	013	013	013	013	013
Wind direction (deg)	290	270	270	270	270

Agro Meteorological Advisories:

Crop	Stage of the crop / Pest/Disease	Advisories
Paddy (Jyothi, Kanchana)	Seedling stage	Seedling stage in first paddy crop.
Banana	Rhizome rot	Due to the increase in rainfall, there is a chance of Rhizome rot in banana. As a control measure pour 2 litre of pseudomonas solution (20gm /1L) at the basin.
Coconut	stem bleeding	Do not allow water stagnation. There is a chance of stem bleeding. Chisel out completely the affected tissues and paint the wound with tridemorph 5%. Apply coal tar after 1-2 days. Apply tridemorph @ 25 ml in 25 liters of water as soil drenching once in four months.
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.