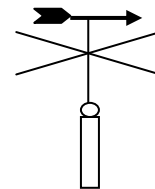




Advisory Service bulletin 29/16, Friday dt.15-07-2016
(Issued jointly by IAAS Vellanikkara)
Dept. of Agriculture Meteorology, College of Horticulture, Vellanikkara
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ERNAKULAM



CURRENT SYNOPTIC SITUATION:

A trough of low pressure on Sea Level chart lies over East Arabian Sea from Karnataka coast to Lakshadweep area. An upper cyclonic circulation lies over South West Bay of Bengal off Sri Lanka coast between 3.1 and 5.8 km above sea level.

Heavy rainfall warning: Isolated heavy rainfall till the morning of 17th.

NWP MODELS BASED DISTRICT LEVEL WEATHER FORECAST
ISSUED ON: 15.07.2016
VALID TILL 08:30 HRS IST OF THE NEXT 5 DAYS

STATE : KERALA

PARAMETERS	ENSEMBLE FCST				
	DAY-1 16/07	DAY-2 17/07	DAY-3 18/07	DAY-4 19/07	DAY-5 20/07
DISTRICT : ERNAKULAM					
Rainfall (mm)	36	25	23	10	8
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	6	6
Max Relative Humidity (%)	95	95	90	90	90
Min Relative Humidity (%)	85	85	80	80	80
Wind speed (kmph)	008	008	010	010	010
Wind direction (deg)	270	270	290	290	290

Agro Meteorological Advisories:

Crop	Stage of the crop / Pest/Disease	Advisories
Paddy (Jyothi, Kanchana)	Leaf folder	Seedling stage in first paddy crop. Leaf folder attack can be seen in paddy field. To control it, use trichogramma cards @ 2CC per acre. Cut the card in to small pieces and fix in different locations of the paddy field.
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	Mite	Due to high temperature, there is a chance of increase of mite population in coconut. Apply 2% neem oil-garlic-soap emulsion in the crown on young bunches to prevent mite's attack.
Nutmeg	Leaf fall	Apply Mancozeb at the rate of 2 to 3g per one liter of water.
Vegetables	Aphids	Apply 2% neem oil-garlic-soap emulsion for control of aphids.