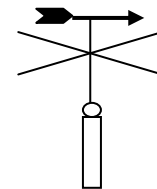




Advisory Service bulletin 27/16, Friday dt.01-07-2016
 (Issued jointly by IAAS Vellanikkara)
 Dept. of Agriculture Meteorology, College of Horticulture, Vellanikkara
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ERNAKULAM



CURRENT SYNOPTIC SITUATION:

A trough of low pressure over East Arabian Sea along off Karnataka- Kerala coast. A low pressure lies over Northwest Bay of Bengal off Odisha coast .

Heavy rainfall warning: Heavy rainfall is most likely to occur at one or two places over Kerala from the morning of 5th July.

NWP MODELS BASED DISTRICT LEVEL WEATHER FORECAST
 ISSUED ON: 01.07.2016
 VALID TILL 08:30 HRS IST OF THE NEXT 5 DAYS

STATE : KERALA

PARAMETERS	ENSEMBLE FCST				
	DAY-1 02/07	DAY-2 03/07	DAY-3 04/07	DAY-4 05/07	DAY-5 06/07
DISTRICT : ERNAKULAM					
Rainfall (mm)	22	26	26	14	18
Max Temperature (deg C)	31	31	31	31	31
Min Temperature (deg C)	24	24	24	24	24
Total cloud cover (octa)	6	6	7	7	7
Max Relative Humidity (%)	95	95	95	95	95
Min Relative Humidity (%)	80	80	80	80	80
Wind speed (kmph)	013	013	013	013	013
Wind direction (deg)	290	290	290	270	270

Agro Meteorological Advisories:

Crop	Stage of the crop / Pest/Disease	Advisories
Paddy (Jyothi, Kanchana)	Seedling stage	Due to high relative humidity, there is a chance of sheath blight, sheath rot, leaf spot diseases in paddy. This diseases can be control to an extend by dipping the roots of seedling in pseudomonas solution by mixing 20 g pseudomonas culture in one liter of water for 30 minutes while transplanting.
Coconut	Rhinoceros beetle	Apply 250 gm neem cake mixed with equal volume of sand in the innermost 2-3 leaf axils.
Pepper	Quick wilt	There is a chance of Quick wilt disease due to high relative humidity. Apply trichoderma or pseudomonas culture in soil or 1% Bordeaux mixture can be sprayed on the leaves and small branches.
Vegetables	Epilachna beetle	Spray 2 ml of Quinalphose in 1 liter of water