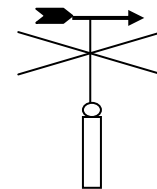




Advisory Service bulletin 26/16, Friday dt.24-06-2016
 (Issued jointly by IAAS Vellanikkara)
 Dept. of Agriculture Meteorology, College of Horticulture, Vellanikkara
 E mail: kauagmet@yahoo.co.in, cohagmet@kau.in
ERNAKULAM



CURRENT SYNOPTIC SITUATION:

A trough of low pressure on sea level chart lies over East Arabian Sea off Karnataka- Kerala coast. Another upper air cyclonic circulation lies over west central Bay of Bengal off Andhra Pradesh coast between 2.1 & 4.5 km asl.

Heavy rainfall warning: Isolated Heavy rainfall is most likely to occur over Kerala till the morning of 29th June.

NWP MODELS BASED DISTRICT LEVEL WEATHER FORECAST
 ISSUED ON: 24.06.2016
 VALID TILL 08:30 HRS IST OF THE NEXT 5 DAYS

STATE : KERALA

PARAMETERS	ENSEMBLE FCST				
	DAY-1 25/06	DAY-2 26/06	DAY-3 27/06	DAY-4 28/06	DAY-5 29/06
DISTRICT : ERNAKULAM					
Rainfall (mm)	25	30	12	29	45
Max Temperature (deg C)	32	32	32	32	32
Min Temperature (deg C)	23	23	23	23	23
Total cloud cover (octa)	6	7	6	7	8
Max Relative Humidity (%)	90	90	90	90	90
Min Relative Humidity (%)	75	75	75	75	75
Wind speed (kmph)	010	010	013	010	013
Wind direction (deg)	290	290	290	290	290

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. These 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	Root wilt	Root wilt disease is seen in coconut. These coconut palms can be recovered by better management such as application of fertilizers, usage of high yielding resistant varieties instead of severely affected palms.
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	White fly	Hang yellow boards dipped in castor oil in the field.