

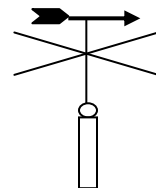


Advisory Service bulletin 03/17, Friday dt.20-01-2017

(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: The trough of low pressure at mean sea level over South Andaman Sea and neighbourhood lies over South East Bay of Bengal and neighbourhood with an upper air cyclonic circulation extends upto 3.1 km above sea level.

NWP MODELS BASED DISTRICT LEVEL WEATHER FORECAST

ISSUED ON: 20.01.2017

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

STATE : KERALA

PARAMETERS	ENSEMBLE FCST				
	DAY-1 21/01	DAY-2 22/01	DAY-3 23/01	DAY-4 24/01	DAY-5 25/01
DISTRICT : ERNAKULAM					
Rainfall (mm)	0	0	0	0	0
Max Temperature (deg C)	33	33	33	33	33
Min Temperature (deg C)	23	23	23	23	23
Total cloud cover (octa)	4	4	4	4	4
Max Relative Humidity (%)	80	80	80	80	80
Min Relative Humidity (%)	50	50	60	60	60
Wind speed (kmph)	010	010	010	010	010
Wind direction (deg)	270	270	270	290	290

Agro Meteorological Advisories:

Crop	Stage of the crop / Pest/Disease	Advisories
Paddy (Jyothi, kanjana, Uma, Ponmani)	Harvesting stage	Second crop on harvesting stage. Based on water availability, after second crop pulses or vegetables can be cultivated so as to enrich soil fertility and reduce pest disease incidence in following season.
Coconut	White fly/Sooty mould	Due to the attack of white flies, there is a chance for sooty mould in coconut. As a control measure spray starch solution (1%) on coconut leaves.
Banana	Mulching	Mulching can be done to conserve soil moisture.
Vegetables	Planting	Based on moisture availability, vegetables can be cultivated on harvested rice fields. Bhindi, and gourds can be directly sown whereas chilly, tomato, Brinjal seedlings can be planted. Ensure proper shade and moisture for seedlings. Organic fertilizers are recommended, since dry conditions are ahead.