

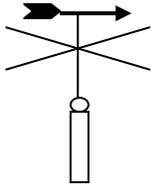


## Agromet Advisory Service bulletin 23/16, Tuesday dt 31-05-16

(Issued jointly by IAAS Vellanikkara)

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### ERNAKULAM

#### CURRENT SYNOPTIC SITUATION:

An upper air Cyclonic circulation lies over Lakshadweep and adjoining Kerala, extends between 3.1 and 3.6 km a.s.l.

**Heavy Rainfall Warning:** Heavy Rainfall is most likely to occur at one or two places in Kerala till the morning of 1<sup>st</sup> June.

#### NWP MODELS BASED DISTRICT LEVEL WEATHER FORECAST

ISSUED ON: 31.05.2016

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

STATE : KERALA

PARAMETERS	ENSEMBLE FCST				
	DAY-1 01/06	DAY-2 02/06	DAY-3 03/06	DAY-4 04/06	DAY 05/06
DISTRICT : ERNAKULAM					
Rainfall (mm)	28	28	16	9	38
Max Temperature ( deg C)	32	32	32	32	32
Min Temperature ( deg C)	24	24	24	24	24
Total cloud cover (octa)	6	6	6	7	7
Max Relative Humidity (%)	90	90	90	90	90
Min Relative Humidity (%)	70	70	70	70	70
Wind speed (kmph)	010	010	012	012	012
Wind direction (deg)	270	270	270	270	250

#### Agro Meteorological Advisories

Crop	Stage of the crop / Pest/Disease	Advisories
Paddy (Jyothi, Kanchana)	Rice swarming caterpillar	The nursery and early stages of the crops are attacked leaving the plant as mere stumps. Apply Carbaryl 3-4g per one liter of water.
Coconut	Leaf rot	Due to leaf rot the tender leaves of coconut decayed and dried of due to fungus, and the dried part get blown off in wind. This symptom seen in root(wilt) also. Spray bordeaux mixture in 5g per liter on the top of the plant. Proper irrigation and ploughing may help to improve the plant from the disease.
Ginger and Turmeric	Planting	Best time for Ginger and turmeric planting
Vegetables	Leaf eating Catterpillar	To control Leaf eating catterpillar, use tobacco decoction. To prepare tobacco decoction, soak 500gms of sliced tobacco leaves in 4.5 liter of water for 24 hours. Then squeeze it and remove all debris by filtering. Slice 120gms of bar soap in to thin flakes and dissolve in the water. Stir it well. Dilute the stock solution by adding 6-7 liters of water.

