

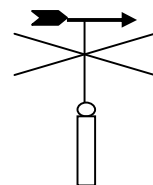


## Agromet Advisory Service bulletin 22/17, Tuesday dt 30.05.2017

(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:** A severe cyclonic storm MORA over northeast Bay of Bengal moved further north northeast wards and lay centered at Lat 21.8° N and Long 91.9°E.

**HEAVY RAINFALL WARNING:** Heavy rainfall is most likely to occur at one or two places in Kerala till the morning 2<sup>nd</sup> June 2017.

#### NWP MODELS BASED DISTRICT LEVEL WEATHER FORECAST

ISSUED ON: 30.05.2017

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

STATE : KERALA

PARAMETERS	ENSEMBLE FCST				
	DAY-1 31/05	DAY-2 01/06	DAY-3 02/06	DAY-4 03/06	DAY-5 04/06
DISTRICT : ERNAKULAM					
Rainfall (mm)	29	52	31	12	8
Max Temperature ( deg C)	30	30	30	29	29
Min Temperature ( deg C)	23	23	23	23	23
Total cloud cover (octa)	8	8	8	6	6
Max Relative Humidity (%)	90	90	90	90	90
Min Relative Humidity (%)	80	80	80	80	80
Wind speed (kmph)	018	018	018	015	015
Wind direction (deg)	270	270	250	250	250

#### Agro Meteorological Advisories:

Crop	Stage of the crop / Pest/Disease	Advisories
Paddy (Jyothi, Kanjana)	Sowing	While preparing seeds for virippu season, mix pseudomonas @ 10g/1 kg of seeds and sow after 12-14 hours. Thus diseases like brown leaf spot, blast etc. can be controlled in early stages of growth.
Nutmeg/Pepper	Quick wilt	Prophylactic spraying of 1% Bordeaux mixture against fungal disease in nutmeg and pepper can be done. There is a chance of Quick wilt disease due to high relative humidity. Apply <i>Trichoderma</i> or <i>pseudomonas</i> culture in soil or 1% Bordeaux mixture can be sprayed on the leaves and small branches.
Ginger and Turmeric	Planting	Best time for Ginger and turmeric planting. Prepare land for ginger and turmeric. To avoid foot rot in ginger, sock the suckers in 0.3% mancozeb/Pseudomonas solution for 30 minutes.