



## Agromet Advisory Service bulletin 04/16, Tuesday dt. 22-01-2016

(Issued jointly by IAAS Vellanikkara)

Dept. of Agriculture Meteorology, College of Horticulture, Vellanikkara

E mail: kauagmet@yahoo.co.in, cohagmet@kau.in

### PALAKKAD

**CURRENT SYNOPTIC SITUATION:** A trough in easterlies lies over southwest Bay of Bengal off Sri Lanka coast and extends upto 1.5 km above sea level. An upper air cyclonic circulation lies over Maldives and adjoining Commorin area and extends upto 0.9 km above sea level.

#### NWP MODELS BASED DISTRICT LEVEL WEATHER FORECAST

ISSUED ON: 19.01.2016

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

STATE : KERALA

PARAMETERS

ENSEMBLE FCST

	DAY-1 23/01	DAY-2 24/01	DAY-3 25/01	DAY-4 26/01	DAY-5 27/01
DISTRICT : PALAKKAD					
Rainfall (mm)	0	0	0	0	0
Max Temperature ( deg C)	33	33	33	33	33
Min Temperature ( deg C)	26	26	26	26	26
Total cloud cover (octa)	6	5	5	5	5
Max Relative Humidity (%)	80	80	80	80	80
Min Relative Humidity (%)	55	55	55	55	55
Wind speed (kmph)	008	008	008	008	008
Wind direction (deg)	90	90	90	90	90

#### Crop stage

This is the time for the preparation of punja field. Banana plant is 3 month after planting. This is the time for starting irrigation in coconut and arecanut. It is the time for starting mulching in coconut and pepper.

#### Agro Meteorological Advisories

Crop	Pest/Disease	Advisories
Rice	-	Ploughing can be started in Punja field.
Coconut		Burying of fresh or dried coconut husk around the palm is a desirable practice particularly for moisture retention. The husk can be buried either in linear trenches taken 3 m away from the trunk between rows of palms or in circular trenches taken around the palm at a distance of 2 m from the trunk. The trenches may be of 0.5 m width and depth. The husks are to be placed in layers with concave surface facing upwards and covered with soil. The beneficial effect of husk burial will last for about 5-7 years. Instead of husk, coconut pith can be buried @ 25 kg / palm / year.
Banana	Leaf eating caterpillar	Spray 2ml of Quinalphos in one liter of water.
Vegetables	Leaf spot disease (Amaranthus)	Cut and remove the severely affected leaves. Apply 15 gm of Pseudomonas in cleared cow dung water after harvesting. Also apply Trichoderma mixed with cowdung in soil.