



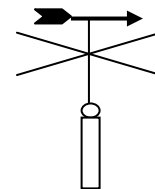
Agromet Advisory Service bulletin 28/16, Tuesday dt 05-07-16

(Issued jointly by IAAS Vellanikkara)

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ERNAKULAM



CURRENT SYNOPTIC SITUATION:

A trough of low pressure on Sea Level chart lies over East Arabian Sea off Karnataka- Kerala coast.

Heavy rainfall warning: Heavy rainfall is most likely to occur at one or two places over Kerala till the morning of 8th July.

NWP MODELS BASED DISTRICT LEVEL WEATHER FORECAST

ISSUED ON: 05.07.2016

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

STATE : KERALA

| PARAMETERS | ENSEMBLE FCST | | | | |
|---------------------------|----------------|----------------|----------------|----------------|----------------|
| | DAY-1 06/07 | DAY-2 07/07 | DAY-3 08/07 | DAY-4 09/07 | DAY-5 10/07 |
| DISTRICT : ERNAKULAM | | | | | |
| Rainfall (mm) | 26 | 22 | 23 | 25 | 15 |
| Max Temperature (deg C) | 30 | 30 | 30 | 30 | 30 |
| Min Temperature (deg C) | 23 | 23 | 23 | 23 | 23 |
| Total cloud cover (octa) | 6 | 6 | 6 | 7 | 7 |
| Max Relative Humidity (%) | 95 | 95 | 95 | 95 | 95 |
| Min Relative Humidity (%) | 75 | 75 | 75 | 75 | 75 |
| Wind speed (kmph) | 010 | 010 | 010 | 013 | 013 |
| Wind direction (deg) | 290 | 290 | 270 | 270 | 290 |

Agro Meteorological Advisories:

| Crop | Stage of the crop / Pest/Disease | Advisories |
|--------------------------|----------------------------------|--|
| Paddy (Jyothi, Kanchana) | Seedling stage | Seedling stage in first paddy crop. |
| Banana | Rhizome rot | Due to the increase in rainfall, there is a chance of Rhizome rot in banana. As a control measure pour 2 litre of pseudomonas solution (20gm /1L) at the basin. |
| Coconut | stem bleeding | Do not allow water stagnation. There is a chance of stem bleeding. Chisel out completely the affected tissues and paint the wound with tridemorph 5%. Apply coal tar after 1-2 days. Apply tridemorph @ 25 ml in 25 liters of water as soil drenching once in four months. |
| Vegetables | Fruit borer | Apply 2% Neem Kernel Suspension to control fruit borer. |

Preparation of Neem Kernel Suspension:

The kernel should be ground into a coarse powder. 30 g of powered neem seed is required per 10 litre of water. The required quantity of the coarse powder should be put in small muslin cloth bag and dipped in water for about 12 hours. Thereafter, squeeze the cloth bag repeatedly so that the out-flowing fluid turns light brownish. The NKS is now ready to be sprayed as such on crops.