



## Agromet Advisory Service bulletin 45/16, Tuesday dt 01-11-16

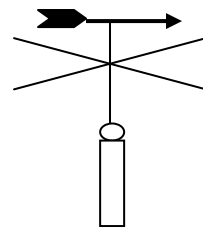
(Issued jointly by IAAS Vellanikkara)

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### THRISSUR

Significant weather for the preceding week at Vellanikkara



|                       |                          |
|-----------------------|--------------------------|
| Rainfall weekly total | 18.7 mm                  |
| Maximum temperature   | 31.7-32.8 <sup>0</sup> C |
| Minimum temperature   | 21.4-22.9 <sup>0</sup> C |
| Max. RH               | 91-98%                   |
| Min. RH               | 60-78%                   |
| Wind speed            | 0.5 -1.1 km/hr           |
| Sun shine hour        | 0.8-8.0 hr               |
| Evaporation           | 1.5-2.9 mm               |

**CURRENT SYNOPTIC SITUATION:** The upper air cyclonic circulation lay over Interior Tamilnadu and adjoining areas of Kerala and South Interior Karnataka now lies over Southeast Arabian sea off Kerala coast and extends upto 0.9km asl . A low pressure area has formed over south Andaman sea and neighbourhoos and its upper air cyclonic circulation extends upto 7.6 km asl .

**HEAVY RAINFALL WARNING :** Heavy rain is most likely to occur at one or two places in Kerala on 2<sup>nd</sup> November 2016

### NWP MODELS BASED DISTRICT LEVEL WEATHER FORECAST

ISSUED ON: 01.11.2016

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

STATE : KERALA

| PARAMETERS                | ENSEMBLE FCST  |                |                |                |                |
|---------------------------|----------------|----------------|----------------|----------------|----------------|
|                           | DAY-1<br>02/11 | DAY-2<br>03/11 | DAY-3<br>04/11 | DAY-4<br>05/11 | DAY-5<br>06/11 |
| DISTRICT : THRISSUR       |                |                |                |                |                |
| Rainfall (mm)             | 16             | 2              | 3              | 3              | 0              |
| Max Temperature ( deg C)  | 30             | 30             | 31             | 31             | 31             |
| Min Temperature ( deg C)  | 22             | 23             | 23             | 23             | 23             |
| Total cloud cover (octa)  | 6              | 6              | 6              | 5              | 5              |
| Max Relative Humidity (%) | 90             | 90             | 90             | 90             | 90             |
| Min Relative Humidity (%) | 70             | 70             | 70             | 70             | 70             |
| Wind speed (kmph)         | 006            | 006            | 004            | 004            | 004            |
| Wind direction (deg)      | 020            | 220            | 290            | 290            | 270            |

### Agro Meteorological Advisories:

| Crop  | Stage of the crop / Pest/Disease | Advisories  |
|---|----------------------------------|---|
| Paddy<br>(Jyothi, kanjana,<br>Uma, Ponmani) | Seedling stage                   | There is a chance of rice case worm in paddy field. To control this 25 kg sawdust mixed with 1 litre kerosene can be spread after draining the field for 1 acre. Fields which cannot be drained can be sprayed with fame (2ml/10L) or Coragen (3ml/ 10L). |
| Coconut                                     | -                                | Soil can be made to a good tilth in coconut farms to enable the rain water infiltration and proper soil air movement. Measures should be taken to control weeds and root grub.  |
| Banana                                      | Sigatoka                         | There is a chance of sigatoka in banana field. Apply Tilt 1 ml/1 litre of water.  |
| Vegetables                                  | Stuted growth                    | There is a chance of stunted growth in bitter gourd. As a preventive measure spray cows urine 50 ml/ 1 L water.   |

