

# Agromet Advisory Service bulletin 18/16 Tuesday dt.26-04-2016

(Issued jointly by IAAS Vellanikkara)

Dept. of Agriculture Meteorology, College of Horticulture, Vellanikkara

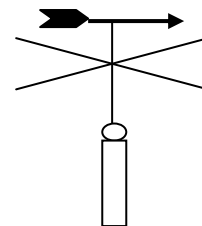
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## THRISSUR

Significant weather for the preceding week at Vellanikkara



|                       |                          |
|-----------------------|--------------------------|
| Rainfall weekly total | 0.0 mm                   |
| Maximum temperature   | 35.4-36.8 <sup>0</sup> C |
| Minimum temperature   | 26.1-27.6 <sup>0</sup> C |
| Max. RH               | 78-86%                   |
| Min. RH               | 49-62%                   |
| Wind speed            | 1.7-2.8 km/hr            |
| Sun shine hour        | 4.1-10.0 hr              |
| Evaporation           | 4.0-5.1 mm               |



### CURRENT SYNOPTIC SITUATION:

An upper air trough runs from North Interior Karnataka to Comorin area and extends upto 0.9 km above sea level.

### NWP MODELS BASED DISTRICT LEVEL WEATHER FORECAST

ISSUED ON: 26.04.2016

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

STATE : KERALA

PARAMETERS

ENSEMBLE FCST

|  | DAY-1<br>27/04 | DAY-2<br>28/04 | DAY-3<br>29/04 | DAY-4<br>30/04 | DAY-5<br>01/05 |
|--|----------------|----------------|----------------|----------------|----------------|
|--|----------------|----------------|----------------|----------------|----------------|

DISTRICT : THRISSUR

|                           |     |     |     |     |     |
|---------------------------|-----|-----|-----|-----|-----|
| Rainfall (mm)             | 0   | 0   | 0   | 0   | 0   |
| Max Temperature ( deg C)  | 36  | 36  | 36  | 36  | 36  |
| Min Temperature ( deg C)  | 26  | 26  | 26  | 26  | 26  |
| Total cloud cover (octa)  | 5   | 5   | 4   | 3   | 3   |
| Max Relative Humidity (%) | 85  | 85  | 85  | 85  | 85  |
| Min Relative Humidity (%) | 40  | 40  | 40  | 45  | 45  |
| Wind speed (kmph)         | 004 | 004 | 004 | 004 | 004 |
| Wind direction (deg)      | 230 | 200 | 180 | 160 | 140 |

### Agro Meteorological Advisories

| Crop                    | Stage of the crop / Pest/Disease | Advisories   |
|-------------------------|----------------------------------|--|
| Paddy                   | Aphid                            | There is a chance of aphid attack in paddy. Spray Imidacloprid 3 milli in 10 litre 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. |
| Banana                  | Leaf eating caterpillar          | Spray 2ml of Quinalphos in one liter of water.   |
| Vegetables (Amaranthus) | Leaf spot disease                | 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.   |