

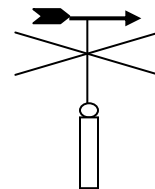


## Advisory Service bulletin 50/16, Friday dt.16-12-2016

( Issued jointly by IAAS Vellanikkara)

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### PALAKKAD

**CURRENT SYNOPTIC SITUATION:** The low pressure area over Lakshadweep and adjoining Southeast Arabian Sea lies over southeast Arabian sea. Associated upper air Cyclonic circulation extends upto mid – tropospheric level

#### NWP MODELS BASED DISTRICT LEVEL WEATHER FORECAST

ISSUED ON: 16.12.2016

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

STATE : KERALA

| PARAMETERS                | ENSEMBLE FCST  |                |                |                |                |
|---------------------------|----------------|----------------|----------------|----------------|----------------|
|                           | DAY-1<br>17/12 | DAY-2<br>18/12 | DAY-3<br>19/12 | DAY-4<br>20/12 | DAY-5<br>21/12 |
| DISTRICT : PALAKKAD       |                |                |                |                |                |
| Rainfall (mm)             | 2              | 0              | 0              | 0              | 1              |
| Max Temperature ( deg C)  | 31             | 31             | 31             | 31             | 31             |
| Min Temperature ( deg C)  | 24             | 23             | 22             | 22             | 22             |
| Total cloud cover (octa)  | 3              | 3              | 3              | 4              | 4              |
| Max Relative Humidity (%) | 85             | 85             | 85             | 85             | 85             |
| Min Relative Humidity (%) | 60             | 60             | 60             | 60             | 60             |
| Wind speed (kmph)         | 006            | 006            | 006            | 006            | 006            |
| Wind direction (deg)      | 050            | 050            | 050            | 050            | 050            |

#### Agro Meteorological Advisories:

| Crop  | Stage of the crop / Pest/Disease | Advisories   |
|---|----------------------------------|--|
| Paddy<br>(Jyothi, kanjana,<br>Uma, Ponmani) | Milky stage/Rice<br>bug          | Apply neem based pesticides (3-4 ml per one liter of water). Pesticides application should be done either before 9 am or after 3 pm. Otherwise, the pesticide application will adversely affect the pollination.               |
| Banana                                      | Sigatoka disease                 | There is a chance of sigatoka disease in banana. As a precaution, Spray Pseudomonas 20g per 1 liter of water. In case of severe attack spray 1 gm Bavistin by mixing it with gum in 1 litre of water on lower surface of leaf. |
| Pepper                                      | Quick wilt                       | There is a chance of Quick wilt disease. Spray 20g pseudomonas/ 1 litre of water.  |
| Cowpea                                      | Fruit borer                      | To control fruit borer spray fame 2 milli 10 litre of water.   |