

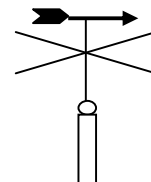


## Advisory Service bulletin 35/16, Friday dt.26-08-2016

( Issued jointly by IAAS Vellanikkara)

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### PALAKKAD

**CURRENT SYNOPTIC SITUATION:** A low pressure area has formed over west central Bay of Bengal off North Andhrapradesh coast. A trough of low pressure on sea level chart extends from Karnataka coast to Kerala coast.

#### NWP MODELS BASED DISTRICT LEVEL WEATHER FORECAST

ISSUED ON: 26.08.2016

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

STATE : KERALA

| PARAMETERS                | ENSEMBLE FCST  |                |                |                |                |
|---------------------------|----------------|----------------|----------------|----------------|----------------|
|                           | DAY-1<br>27/08 | DAY-2<br>28/08 | DAY-3<br>29/08 | DAY-4<br>30/08 | DAY-5<br>31/08 |
| DISTRICT : PALAKKAD       |                |                |                |                |                |
| Rainfall (mm)             | 14             | 6              | 6              | 7              | 8              |
| Max Temperature ( deg C)  | 32             | 32             | 32             | 32             | 31             |
| Min Temperature ( deg C)  | 24             | 24             | 24             | 24             | 24             |
| Total cloud cover (octa)  | 7              | 7              | 7              | 7              | 7              |
| Max Relative Humidity (%) | 90             | 90             | 90             | 90             | 90             |
| Min Relative Humidity (%) | 70             | 70             | 70             | 70             | 70             |
| Wind speed (kmph)         | 008            | 008            | 008            | 006            | 006            |
| Wind direction (deg)      | 290            | 290            | 290            | 290            | 270            |

#### Agro Meteorological Advisories

| Crop                       | Stage of the crop / Pest/Disease | Advisories  |
|----------------------------|----------------------------------|---|
| Paddy<br>(Jyothi, kanjana) | Panicle stage/<br>Rice 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.  |
| Coconut                    | Bud rot<br>disease               | There is a chance of bud rot disease during rainy season. Cut and remove all the affected tissues of the crown. Apply Bordeaux paste and protect it from rain till normal shoot emergence.  |
| Banana                     | Sigatoka                         | Due to the changing weather pattern, 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. |
| Cowpea                     | Bug                              | Apply neem based pesticides 3-4 ml per one liter of water. Spray malathion 2 ml/ 1 litre of water.  |