



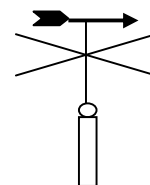
Advisory Service bulletin 35/16, Friday dt.26-08-2016

(Issued jointly by IAAS Vellanikkara)

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ERNAKULAM



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 27/08 | DAY-2 28/08 | DAY-3 29/08 | DAY-4 30/08 | DAY-5 31/08 |
| DISTRICT : ERNAKULAM | | | | | |
| Rainfall (mm) | 22 | 7 | 8 | 7 | 12 |
| Max Temperature (deg C) | 31 | 34 | 31 | 32 | 31 |
| Min Temperature (deg C) | 24 | 23 | 24 | 24 | 24 |
| Total cloud cover (octa) | 7 | 7 | 7 | 7 | 7 |
| Max Relative Humidity (%) | 90 | 90 | 90 | 90 | 90 |
| Min Relative Humidity (%) | 75 | 75 | 75 | 75 | 75 |
| Wind speed (kmph) | 008 | 008 | 008 | 008 | 008 |
| Wind direction (deg) | 290 | 290 | 290 | 290 | 290 |

Agro Meteorological Advisories

| Crop | Stage of the crop / Pest/Disease | Advisories |
|----------------------------|----------------------------------|---|
| Paddy (Jyothi, kanjana) | Panicle stage/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 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. |