



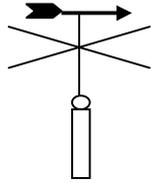
Advisory Service bulletin 08/17, Friday dt.24-02-2017

(Issued jointly by IAAS Vellanikkara)

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ERNAKULAM



CURRENT SYNOPTIC SITUATION: The upper air trough lies over Lakshadweep –Maldives area to north Konkan coast became less marked. Moderate northeast to easterly winds prevail over the state.

NWP MODELS BASED DISTRICT LEVEL WEATHER FORECAST

ISSUED ON: 23.02.2017

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

STATE : KERALA

| PARAMETERS | ENSEMBLE FCST | | | | |
|---------------------------|----------------|----------------|----------------|----------------|----------------|
| | DAY-1 24/02 | DAY-2 25/02 | DAY-3 26/02 | DAY-4 27/02 | DAY-5 28/02 |
| DISTRICT : ERNAKULAM | | | | | |
| Rainfall (mm) | 0 | 0 | 0 | 0 | 0 |
| Max Temperature (deg C) | 37 | 35 | 36 | 34 | 35 |
| Min Temperature (deg C) | 24 | 23 | 24 | 25 | 25 |
| Total cloud cover (octa) | 2 | 4 | 4 | 5 | 4 |
| Max Relative Humidity (%) | 87 | 87 | 76 | 79 | 73 |
| Min Relative Humidity (%) | 49 | 45 | 43 | 48 | 46 |
| Wind speed (kmph) | 006 | 004 | 006 | 007 | 009 |
| Wind direction (deg) | 51 | 87 | 208 | 212 | 216 |

Agro Meteorological Advisories:

| Crop | Stage of the crop / Pest/Disease | Advisories |
|------------|-----------------------------------|---|
| Paddy | Land preparation to transplanting | Plough the land for Punja cultivation. Transplant seedlings at 4-5 leaf stage. Soak seed for 30 minutes in a solution of Pseudomonas culture @10g/litre of water per kg of seed. The above seed treatment can also be used to control sheath blight, sheath root, leaf spot disease etc. |
| Banana | Cigar end rot disease | Due to high temperature and low humidity, there is a chance of Cigar end disease in banana bunches. Blackening and shrinking of the effected fingers which later gets covered with a powdery mass of spores is the symptom of this disease.To control the disease, spray 2.5 g copper oxychloride @ 1 liter of water. |
| Vegetables | Leaf spot disease (Amaranthus) | 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. |