

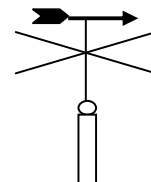


Advisory Service bulletin 09/17, Friday dt. 03-03-2017

(Issued jointly by IAAS Vellanikkara)

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PALAKKAD

CURRENT SYNOPTIC SITUATION: A trough at mean sea level lies over South west Bay of Bengal & adjoining Srilanka and equatorial Indian ocean to south Konkan coast with an embedded cyclonic circulation over Comorin area extending 0.9 km asl.

NWP MODELS BASED DISTRICT LEVEL WEATHER FORECAST

ISSUED ON: 03.03.2017

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

STATE : KERALA

| PARAMETERS | ENSEMBLE FCST | | | | |
|---------------------------|----------------|----------------|----------------|----------------|----------------|
| | DAY-1 04/03 | DAY-2 05/03 | DAY-3 06/03 | DAY-4 07/03 | DAY-5 08/03 |
| DISTRICT : PALAKKAD | | | | | |
| Rainfall (mm) | 0 | 0 | 0 | 0 | 2 |
| Max Temperature (deg C) | 35 | 35 | 34 | 34 | 34 |
| Min Temperature (deg C) | 26 | 26 | 25 | 25 | 25 |
| Total cloud cover (octa) | 3 | 3 | 4 | 4 | 4 |
| Max Relative Humidity (%) | 70 | 70 | 70 | 70 | 70 |
| Min Relative Humidity (%) | 45 | 45 | 45 | 45 | 45 |
| Wind speed (kmph) | 006 | 006 | 006 | 006 | 006 |
| Wind direction (deg) | 090 | 090 | 110 | 110 | 110 |

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. |
| Coconut | Management | Mulching can be done with dried or green coconut leaves or coir pith to maintain moisture in coconut gardens. Lower one or two whirls can be cut off to prevent moisture loss from plant. Coconut stem upto one or two metres can be painted with slaked lime to prevent sun scorching. Organic content in the soil can be ensured for maintaining soil temperature. Drip irrigation shall be adopted. |
| Vegetables | Jassid and whitefly | Due to high temperature, there is a chance of attack of white fly and jassid in vegetables. Stunted growth caused by them can be controlled by hanging yellow boards painted with castor oil. |