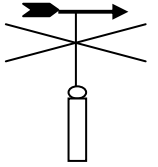




Agromet Advisory Service bulletin 09/18(17) Tuesday dt 27.02.2018  
(Issued jointly by IAAS Vellanikkara)



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**PALAKKAD**

**CURRENT SYNOPTIC SITUATION** : A trough of low at mean sea level lies over Equatorial Indian Ocean and adjoining South West Bay of Bengal Off South Sri Lanka coast with an embedded Cyclonic Circulation extending upto 0.9km above sea level .

INDIA METEOROLOGICAL DEPARTMENT  
NWP MODELS BASED DISTRICT LEVEL WEATHER PREDICTION  
ISSUED ON: 27-02-2018  
VALID TILL 08:30 IST OF THE NEXT 5 DAYS

STATE : KERALA

| PARAMETERS                | WEATHER FCST        |                     |                     |                     |                     |
|---------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
|                           | DAY-1<br>28/02/2018 | DAY-2<br>01/03/2018 | DAY-3<br>02/03/2018 | DAY-4<br>03/03/2018 | DAY-5<br>04/03/2018 |
| DISTRICT : PALAKKAD       |                     |                     |                     |                     |                     |
| Rainfall (mm)             | 0                   | 0                   | 0                   | 0                   | 0                   |
| Max Temperature ( deg C)  | 36                  | 36                  | 36                  | 36                  | 36                  |
| Min Temperature ( deg C)  | 25                  | 25                  | 25                  | 25                  | 25                  |
| Total cloud cover (octa)  | 1                   | 1                   | 2                   | 2                   | 2                   |
| Max Relative Humidity (%) | 70                  | 70                  | 70                  | 70                  | 70                  |
| Min Relative Humidity (%) | 30                  | 30                  | 30                  | 30                  | 30                  |
| Wind speed (kmph)         | 006                 | 006                 | 006                 | 006                 | 006                 |
| Wind direction (deg)      | 70                  | 70                  | 70                  | 70                  | 70                  |

**Agro Meteorological Advisories:**

| Crop             | Crop stage / 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       | Stunted growth   | Due to the increase in atmospheric temperature, the attack of insects such as aphids, white flies, hoppers, etc. are more. As a result of this, there is a chance of stunted growth in vegetables. It can be controlled by applying 5 gms of Verticillium or Metarhizium in 1 litre of water and add neem cake as manure. Neem based insecticides can be applied. |
| Animal Husbandry | Adopt measures to eradicate external parastic infestations in animals. (CAADECCS, KVASU, Mannuthy) |   |