

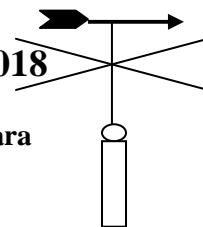


Agromet Advisory Service bulletin 09/18(18), Friday dt.01.03.2018

(Issued jointly by IAAS Vellanikkara)

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THRISSUR

CURRENT SYNOPTIC SITUATION : A trough of low pressure at mean sea level lies over Equatorial Indian Ocean and adjoining South Sri Lanka . A trough of low pressure at mean sea level runs from South East Arabian sea off Kerala coast to Maharashtra coast.

INDIA METEOROLOGICAL DEPARTMENT
NWP MODELS BASED DISTRICT LEVEL WEATHER PREDICTION
ISSUED ON: 01-03-2018
VALID TILL 08:30 IST OF THE NEXT 5 DAYS

STATE : KERALA

| PARAMETERS | WEATHER FCST | | | | |
|---------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| | DAY-1 02/03/2018 | DAY-2 03/03/2018 | DAY-3 04/03/2018 | DAY-4 05/03/2018 | DAY-5 06/03/2018 |
| DISTRICT : THRISSUR | | | | | |
| Rainfall (mm) | 1 | 0 | 0 | 0 | 0 |
| Max Temperature (deg C) | 38 | 38 | 38 | 38 | 38 |
| Min Temperature (deg C) | 24 | 24 | 24 | 24 | 24 |
| Total cloud cover (octa) | 2 | 2 | 2 | 2 | 2 |
| Max Relative Humidity (%) | 70 | 70 | 70 | 70 | 70 |
| Min Relative Humidity (%) | 50 | 50 | 50 | 50 | 50 |
| Wind speed (kmph) | 006 | 006 | 006 | 006 | 006 |
| Wind direction (deg) | 230 | 230 | 230 | 230 | 230 |

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) | |