



Agromet Advisory Service bulletin 51/16, Tuesday dt 20-12-2016

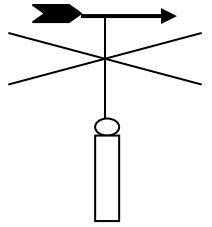
(Issued jointly by IAAS Vellanikkara)

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THRISSUR

Significant weather for the preceding week at Vellanikkara



| | |
|-----------------------|--------------------------|
| Rainfall weekly total | 5.5 mm |
| Maximum temperature | 26.0-32.5 ⁰ C |
| Minimum temperature | 21.6-22.6 ⁰ C |
| Max. RH | 81-96% |
| Min. RH | 40-84% |
| Wind speed | 1.0-3.3 km/hr |
| Sun shine hour | 0.0-9.2 hr |
| Evaporation | 1.5-3.6 mm |

CURRENT SYNOPTIC SITUATION: A trough in low level easterlies extending from equatorial Indian ocean to south Tamil Nadu coast across Gulf of Mannar prevails.

NWP MODELS BASED DISTRICT LEVEL WEATHER FORECAST

ISSUED ON: 20.12.2016

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

STATE : KERALA

| PARAMETERS | ENSEMBLE FCST | | | | |
|---------------------------|----------------|----------------|----------------|----------------|----------------|
| | DAY-1 21/12 | DAY-2 22/12 | DAY-3 23/12 | DAY-4 24/12 | DAY-5 25/12 |
| DISTRICT : THRISSUR | | | | | |
| Rainfall (mm) | 0 | 0 | 0 | 0 | 0 |
| Max Temperature (deg C) | 34 | 34 | 34 | 34 | 34 |
| Min Temperature (deg C) | 22 | 23 | 23 | 23 | 23 |
| Total cloud cover (octa) | 3 | 4 | 3 | 3 | 3 |
| Max Relative Humidity (%) | 85 | 90 | 90 | 80 | 85 |
| Min Relative Humidity (%) | 55 | 60 | 55 | 50 | 45 |
| Wind speed (kmph) | 007 | 007 | 006 | 006 | 006 |
| Wind direction (deg) | 290 | 290 | 290 | 290 | 290 |

Agro Meteorological Advisories:

| Crop | Stage of the crop / Pest/Disease | Advisories |
|---|----------------------------------|---|
| Paddy (Jyothi, kanjana, Uma, Ponmani) | Milky 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. |
| Banana | Leaf eating caterpillar | Apply Neem oil emulsion at frequent intervals. If the attack is severe, Spray 2 ml of Quinalphos in one litre of water. |
| Coconut | - | Burying of fresh or dried coconut husk around the palm is a desirable practice particularly for moisture retention. Mulch the coconut basins with green/dry leaves. This help to add organic matter to the soil and to reduce the soil temperature. |
| Cowpea | Mite | Apply Oberon at the rate of 0.75ml per one liter of water. |