



Agromet Advisory Service bulletin 17/17, Tuesday dt 25-04-2017

(Issued jointly by IAAS Vellanikkara)

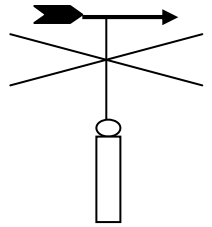
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THRISSUR

Significant weather for the preceding week at Vellanikkara

| | |
|-----------------------|--------------------------|
| Rainfall weekly total | 0.5 mm |
| Maximum temperature | 34.7-35.8 ⁰ C |
| Minimum temperature | 24.6-27.0 ⁰ C |
| Max. RH | 82-87% |
| Min. RH | 47-63% |
| Wind speed | 1.5-2.7 km/hr |
| Sun shine hour | 3.8-8.6 hr |
| Evaporation | 2.5-4.4 mm |



CURRENT SYNOPTIC SITUATION: A trough at m.s.l runs from Telangana to Comorin area with an upper air trough extending upto 0.9km a.s.l. The east west shear line at 2.1km a.s.l. now runs roughly along Lat 9⁰ north .

NWP MODELS BASED DISTRICT LEVEL WEATHER FORECAST

ISSUED ON: 25.04.2017

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

STATE : KERALA

| PARAMETERS | ENSEMBLE FCST | | | | |
|---------------------------|----------------|----------------|----------------|----------------|----------------|
| | DAY-1 26/04 | DAY-2 27/04 | DAY-3 28/04 | DAY-4 29/04 | DAY-5 30/04 |
| DISTRICT : THRISSUR | | | | | |
| Rainfall (mm) | 0 | 0 | 0 | 0 | 0 |
| Max Temperature (deg C) | 35 | 35 | 35 | 35 | 35 |
| Min Temperature (deg C) | 26 | 26 | 26 | 26 | 26 |
| Total cloud cover (octa) | 5 | 5 | 4 | 4 | 4 |
| Max Relative Humidity (%) | 80 | 80 | 85 | 85 | 85 |
| Min Relative Humidity (%) | 60 | 60 | 60 | 60 | 60 |
| Wind speed (kmph) | 006 | 006 | 006 | 006 | 006 |
| Wind direction (deg) | 230 | 230 | 230 | 230 | 230 |

Agro Meteorological Advisories:

| Crop | Stage of the crop / Pest/Disease | Advisories |
|---------------------------|----------------------------------|--|
| Paddy | Maturity stage | Drain out water from the fields completely for early and uniform hardening of the grain.Keep drying the grains for seed purpose. |
| Banana | Spodoptra | Due to the increase in maximum temperature there is a chance for Spodoptra in banana. Destroy the affected leafs along with the spodoptra. For severe attack spray Fame 2 ml/10 L of water. |
| Vegetables (Bitter gourd) | Fruit fly | Remove and destroy affected and decayed fruits. Use special pheromone traps like cue lure (6 nos/Acre) for vegetable fruit fly or Thulasi/fruit traps. If the attack is not reduced, spray mixture of malathion 2 ml + jaggery 10 g/liter at flowering and fruit initiation. |