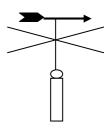


Agromet Advisory Service bulletin 26/17, Tuesday dt 27.06.2017 (Issued jointly by IAAS Vellanikkara) Dept. of Agriculture Meteorology, College of Horticulture, Vellanikkara E mail: kauagmet@yahoo.co.in, cohagmet@kau.in



THRISSUR

Significant weather for the preceding week at Vellanikkara

| Rainfall weekly total | 243.7 mm |
|-----------------------|--------------------------|
| Maximum temperature | 28.0-32.6 [°] C |
| Minimum temperature | 22.0-24.4 [°] C |
| Max. RH | 90-98% |
| Min. RH | 76-98% |
| Wind speed | 0.5-1.5 km/hr |
| Sun shine hour | 0.0-6.9 hr |
| Evaporation | 1.5-2.7 mm |

CURRENT SYNOPTIC SITUATION: An off shore trough runs from south Gujarat coast to Kerala coast.

HEAVY RAINFALL WARNING: Heavy rainfall at a few places and very heavy rainfall at one or two places is most likely to occur in Kerala till the morning of 29^{th} , Heavy rainfall at a few places and very heavy rainfall at one or two places in North Kerala from 29^{th} till the morning of 1^{st} & heavy rainfall at one or two places is most likely to occur in North Kerala from 1^{st} till 2^{nd} morning.

NWP MODELS BASED DISTRICT LEVEL WEATHER FORECAST ISSUED ON: 27.06.2017 VALID TILL 08:30 HRS IST OF THE NEXT 5 DAYS

STATE: KERALA

| PARAMETERS | ENSEMBLE FCST | | | | |
|---------------------------|----------------|----------------|----------------|----------------|----------------|
| | DAY-1 28/06 | DAY-2 29/06 | DAY-3 30/06 | DAY-4 01/07 | DAY-5 02/07 |
| DISTRICT : THRISSUR | | | | | |
| Rainfall (mm) | 46 | 33 | 52 | 34 | 17 |
| Max Temperature (deg C) | 30 | 30 | 32 | 32 | 31 |
| Min Temperature (deg C) | 23 | 23 | 23 | 23 | 23 |
| Total cloud cover (octa) | 8 | 8 | 8 | 8 | 7 |
| Max Relative Humidity (%) | 92 | 92 | 92 | 95 | 92 |
| Min Relative Humidity (%) | 85 | 85 | 85 | 85 | 85 |
| Wind speed (kmph) | 012 | 012 | 012 | 012 | 012 |
| Wind direction (deg) | 230 | 230 | 230 | 230 | 230 |

Agro Meteorological Advisories:

| Сгор | Stage of the crop / Pest/Disease | Advisories | |
|-----------------------------|--|---|--|
| Paddy (Jyothi, Kanchana) | Seedling stage | Seedling stage in first paddy crop. | |
| Coconut | Bud rot | Perforated Mancozeb sachet (5 gm)- 3 no.s can be hung around spindle leaves as a prophylatic measure for rot. | |
| Nutmeg/Pepper | Quick wilt | Prophylactic spraying of 1% Bordeaux mixture against fungal disease in nutmeg and pepper can be done. There is a chance of Quick wilt disease due to high relative humidity. Apply <i>Trichoderma</i> or <i>pseudomonas</i> culture in soil or 1% Bordeaux mixture can be sprayed on the leaves and small branches. | |

| Animal Husbandry | - | Mosquito control measures can be adapted. Cattle should not be allowed graze in water logged areas for avoiding diseases. Avoid water logging in cattle sheds. If fever and respiratory distress are noticed consult a veterinary surgeon. Thank you for Information: Centre for animal adaptation |
|------------------|---|---|
| | | environment and climate change studies, KVASU, Mannuthy. |