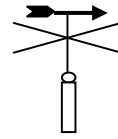




AGROMET ADVISORY SERVICES  
Department of Agricultural Meteorology  
Kerala Agricultural University  
College of Horticulture



**Agromet Advisory Bulletin No.25/2007**

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(Prepared by the Dept. of Agrl. Meteorology, CoH, Vellanikkara and the Dept. of Agriculture, Kerala State)

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**Weather summary of the preceding week:**

Maximum temperature during the week at Vellanikkara was 31.4°C while the minimum 22.0°C. Overcast sky condition prevailed with bright sunshine hours, varying between 0.0 and 5.7 hrs/day. Relative humidity varied between 60% and 98%. Wind speed ranged from 2.6 kmph to 6.2 kmph during last week. The total pan evaporation during last week was 15.3 mm. An amount of 311.8 mm rainfall was received in six rainy days.

**Weather forecast valid up to 29<sup>th</sup> June 2007:**

Overcast/mainly cloudy sky condition will prevail. Westerly wind with speed in the range of 2-4 kmph is expected. Maximum temperature will be 31.4°C and minimum temperature of 24.0°C. Moderate rainfall is expected in and around Thrissur district.

**Crop information:**

First season/*kharif* paddy is in transplanting/ active tillering stage. Irrigated banana is in bunch development stage. Rainfed banana is in 4-5 months stage. Black pepper is in spike emergence stage. Vanilla is in bean development stage. Vegetables are in various stages.

**Agroadvisory for the coming week:**

In bitter gourd downey mildew disease is seen widely. Spraying of Dithane M-45 @ 2.5 gram in one litre of water, will control this disease. Measures should be taken against anthracnose disease in Cowpea. The affected plants have

black marks on the stems and leaves become yellow and this affected leaves wither from the plants. To protect the crop from this disease, spray bio-fungicide *Pseudomonas fluorescens* on the leaves and stems.

Farmers are advised to monitor the incidence of leaf folder and stem borer in paddy fields. Farmers may go for *Tricho* cards (*Trichogramma chilonis* against leaf folder and *Trichogramma japonicum* against stem borer) if their incidence noticed. If their population is more, spray may be given using Monocrotophos or Quinalphos.

Farmers are advised to take control measure against pseudostem weevil in banana as it is prevalent during rainy season. Remove the dry outer sheathes of the pseudostem of all infested and un-infested plants and spray *Carbaryl* 50 WP 4gm/litre of water on pseudostem. Spray solution may be applied to leaf axils also.

Against Sigatoka leaf spot disease in banana, spray 1% Bordeaux mixture or Tilt 25 EC (1ml/lit of water) after cutting the severely affected leaves and burning it. Four to five sprayings at fortnightly intervals are to be given depending on the severity of the disease.

There is chance of attack of pollu beetle during spike emergence stage in black pepper. Against this, spray 0.05 per cent dimethoate of quinalphos.