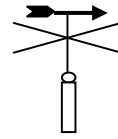




AGROMET ADVISORY SERVICES
Department of Agricultural Meteorology
Kerala Agricultural University
College of Horticulture



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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 30.0°C while the minimum 22.0°C. Overcast sky condition prevailed with bright sunshine hours, varying between 0.0 and 0.5 hrs/day. Relative humidity varied between 69% and 95%. Wind speed ranged from 2.5 kmph to 3.7 kmph during last week. The total pan evaporation during last week was 14.5 mm. An amount of 240.1 mm rainfall was received in seven rainy days.

Weather forecast valid up to 22nd June 2007:

Overcast/mainly cloudy sky condition will prevail. Westerly/southwesterly wind with speed in the range of 3-6 kmph is expected. Maximum temperature will vary between 26.6°C and 27.6°C and minimum temperature will be 22.9°C. Moderate to heavy rainfall is expected in and around Thrissur district.

Crop information:

First season/*kharif* paddy is in transplanting/pre-tillering stage. Irrigated banana is in bunch development stage. Rainfed banana is in 4 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:

Since heavy rainfall received during last week and this situation is expected in the coming three days too. Hence, farmers are advised to give priority for drainage in their fields.

Farmers are also advised to postpone their fertilizer application.

Farmers are advised to monitor the incidence of blast and sheath blight disease, as prevailing high humidity and low temperature condition conducive. Gall midge attack is seen in paddy field. Farmers should monitor paddy field thoroughly and if the incidence is seen, they may take appropriate action.

Farmers may take appropriate control measures against pseudostem weevil attack in banana. Remove the dry outer sheathes of the pseudostem of all infested and un-infested plants and spray *Carbaryl* 50 WP (4gm/litre). Spray solution may be applied to leaf axils also.

In black pepper, phytophthora disease is prevalent in this atmospheric condition. The disease affected vines should be removed and it should be burnt. Application of 1% Bordeaux mixture or *Trichoderma viride* on the sides of standards will control the disease. *T. viride* is available in State Bio-control Lab, Mannuthy.

In arecanut gardens wherever, mahali disease is noticed, spray 1% bordeaux mixture. Use rosin soda adhesive to ensure tenacity of the spray deposit on treated substrate.

Rhizome rot incidence may occur in ginger and turmeric. The affected plants should be removed and drench the beds with 1% bordeaux mixture or 0.3% mancozeb.