

**UNIVERSITY OF AGRICULTURAL SCIENCES, BENGALURU &
INDIAN METEOROLOGICAL DEPARTMENT**



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MYSURU - 570003**



Date: 30-01-2024

AGRO-ADVISORY BULLETIN FOR KODAGU DISTRICT

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

Weather forecast for the next five days (From 31-01-2024 to 04-02-2024)

| Parameter | 31.01.2024 | 01.02.2024 | 02.02.2024 | 03.02.2024 | 04.02.2024 |
|----------------------------------|------------|------------|------------|------------|------------|
| Rainfall (mm) | 0 | 0 | 0 | 0 | 0 |
| Max. Temp. (°C) | 29 | 29 | 29 | 29 | 29 |
| Min. Temp. (°C) | 15 | 16 | 17 | 17 | 17 |
| Sky condition (Octas) | 2 | 2 | 2 | 2 | 1 |
| Relative humidity (%) 0830 hours | 99 | 99 | 99 | 99 | 99 |
| Relative humidity (%) 1730 hours | 37 | 37 | 37 | 36 | 35 |
| Wind Speed (kmph) | 8 | 8 | 8 | 8 | 8 |
| Wind Direction | 124 | 248 | 135 | 195 | 191 |

Forecast Summary

As forecast received from IMD, Cloudy sky with no rainfall may be expected from 31.01.2024 to 04.02.2024 in Kodagu district. The day temperature is expected to be 29°C & night temperature is expected 15-17°C. The relative humidity in the morning hours is expected to be 99% & afternoon relative humidity is expected to be in the range of 35-37%. Wind speed expected to be 8 km/ hr.

Recommendations to the farmers:

| Crop | Pest/Disease | Damage symptoms | Control measures |
|-------|----------------------------|--|------------------|
| | | <ul style="list-style-type: none"> The grains of the harvested crops should be properly dried by retaining moisture percentage as mentioned bellow for long storage & also minimize the store pest damage Cereals 11-12 %, Pulses-9%, Oil seeds-8% and Vegetable seeds 5-6%. | |
| Mango | Powdery mildew and hoppers | <ul style="list-style-type: none"> Low temperature and higher humidity in morning hours is congenial condition for occurrence of powdery mildew disease and leaf hopper pest on mango orchard, hence farmers are advised to take control measure to manage these pest and disease. To manage powdery mildew disease take spray of 3.0 g. Sulphur 80 WP or 1.0 ml. Hexaconazole 5 EC.at flowering and fruiting stage. | |

| | | |
|---|-----------------|--|
| | | <ul style="list-style-type: none"> To manage hopper incidence take the spray of 0.3 ml Imidachloprid 17.8 SL.in a lit. water before flowering and when fruits are pea size. |
| Coconut | Rugose whitefly | <p>The immature and adult whiteflies have a sucking feeding habit, feeding on the under surfaces of the leaflets. Extensive feeding of the insect leads to the excretion of honey dew which encourages growth of the fungus Capnodium sp.which affects the photosynthetic efficiency of the plant.</p> <p>Sooty mould (Capnodium sp.) growth on the leaf surface can be flaked out by spraying 2.5% of maida paste solution mixed with detergent/ Khadi soap @ 5g/ l.</p> <p>In severe cases, spray only neem oil 0.5% or NSKE 5% and avoid spraying any form of insecticides.</p> |
| <ul style="list-style-type: none"> Due to low temperature in morning and night hours, Maintain the optimum room temperature in Sericulture, Poultry and Dairy unit by providing electric bulb for creating warm room temperature. Care should be taken that excess moisture is not there in the Vermin-compost pits. Maintain optimum moisture of 60 to 70 per cent in vermin compost pits. | | |

- Download “DAMINI” app to get early warning on lightening and take precautions based on the alert given by the application.
- Kindly download”MAUSAM” APP for location specific forecast & warning &“MEGHDOOT” APP for Agromet advisory
- This information is available in the website: mausam.imd.gov.in

For any information farmers can contact **Dr.C.Ramachandra**, Senior Farm Superintendent/ **Dr. Sumanth Kumar.G.V**, Research Assoicateover phone No. 0821-259126/ 9535345814.

**AMFU of IMD,
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