

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



**GRAMIN KRISHI MAUSAM SEWA  
AMFU, OFRS, NAGANAHALLI,  
MYSURU - 570003**



Date: 30-01-2024

**AGRO-ADVISORY BULLETIN FOR CHAMARAJANAGARA DISTRICT**

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

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

<b>Parameter</b>	<b>31.01.2024</b>	<b>01.02.2024</b>	<b>02.02.2024</b>	<b>03.02.2024</b>	<b>04.02.2024</b>
Rainfall (mm)	0	0	0	0	0
Max. Temp. (°C)	30	30	30	30	30
Min.Temp. (°C)	18	18	18	18	18
Sky condition (Octas)	1	1	1	1	1
Relative humidity (%) 0830 hours	82	82	82	82	82
Relative humidity (%) 1730 hours	43	43	43	42	42
Wind Speed (kmph)	2	2	1	3	3
Wind Direction	158	161	180	148	148

**Forecast Summary**

As forecast received from IMD, Cloudy sky with no rainfall may be expected from 31.01.2024 to 04.02.2024 in Chamarajanagara district. The day temperature is expected to be 30°C & night temperature is expected 18°C. The relative humidity in the morning hours is expected to be 82% & afternoon relative humidity is expected to be in the range of 42-43%. Wind speed expected to be 1-3 km/ hr.

**Recommendations to the farmers:**

<b>Crop</b>	<b>Pest/Disease</b>	<b>Damage symptoms</b>	<b>Control measures</b>
<ul style="list-style-type: none"> <li>The grains of the harvested crops should be properly dried by retaining moisture percentage as mentioned bellow for long storage &amp; also minimize the store pest damage Cereals 11-12 %, Pulses-9%, Oil seeds-8% and Vegetable seeds 5-6%.</li> </ul>			
Mango	Powdery mildew and hoppers	<ul style="list-style-type: none"> <li>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.</li> <li>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.</li> <li>To manage hopper incidence take the spray of 0.3 ml</li> </ul>	

		Imidachloprid 17.8 SL.in a lit. water before flowering and when fruits are pea size.
Field bean	Pod borer	<ul style="list-style-type: none"> <li>At the flowering stage of the plant, 5 ml of neem oil should be mixed in every liter of water and sprayed.</li> <li>Install 5 pheromonal traps /acre</li> <li>When infestation is noticed spray Quinalphos 25 EC 2 ml per liter of water or fenvalarate 20 E.C. 3 ml. per liter of water should be mixed and sprayed.</li> </ul>
Cucurbits (cucumber and pumpkins)	Downy mildew and Powdery mildew	<p><b>Downy mildew:</b> Cone shaped yellow spots noticed on leaves. To manage this disease Spray 2.0 g. Metalaxyl + Mancozeb per litre of water.</p> <p><b>Powdery mildew:</b> Small sized ashy white fungal growth on leaves, under severe infestation drying of leaves. To manage this disease spray 1.0 g Carbendazim 50 WP or 1.5 g. Dinocap in a lit. water. 200 lit spray solution required/acre. If disease persists, spray at an interval of two weeks.</p>
Redgram	Pod borer	Caterpillar bore the flower buds and pods, presence of small circular hole on infested pods, dropping of infested flower buds. If infestation occurs spray 0.5 ml. Indoxacarb 14.5 SC or 0.5 ml chlorantraniliprole 18.5 S.C. during flowering and pod initiation stage.
Sugarcane	Trash management	<p>Sugarcane trash can be converted into compost or spread the trash in alternate rows and give irrigation, apply 15 kg urea with 5% cow dung slurry and sprinkle on trash.</p> <p>Application of fluorotous microbes at 5 kg /acre on trash or 1 -1.5 t press mud will enhance the fast degradation of trash.</p>
<ul style="list-style-type: none"> <li>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.</li> <li>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.</li> </ul>		

- 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](http://mausam.imd.gov.in)

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

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