# UNIVERSITY OF AGRICULTURAL SCIENCES, BENGALURU & INDIAN METEOROLOGICAL DEPARTMENT



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



Date: 06-02-2024

# AGRO-ADVISORY BULLETIN FOR CHAMARAJANAGARA DISTRICT

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

Weather forecast for the next five days (From 07-02-2024 to 11-02-2024)						
Parameter	07.02.2024	08.02.2024	09.02.2024	10.02.2024	11.02.2024	
Rainfall (mm)	0	0	0	0	0	
Max. Temp. (°C)	32	32	32	31	32	
Min.Temp. (°C)	17	17	17	16	16	
Sky condition (Octas)	1	1	1	1	1	
Relative humidity (%) 0830 hours	68	68	68	68	70	
Relative humidity (%) 1730 hours	38	38	38	40	40	
Wind Speed (kmph)	1	1	1	2	2	
Wind Direction	112	122	148	117	112	

### **Forecast Summary**

As forecast received from IMD, Cloudy sky with no rainfall may be expected from 07.02.2024 to 11.02.2024 in Chamarajanagara district. The day temperature is expected to be 31-32°C & night temperature is expected 16-17°C. The relative humidity in the morning hours is expected to be 68-70% & afternoon relative humidity is expected to be in the range of 38-40%. Wind speed expected to be 1-2 km/ hr.

#### **Recommendations to the farmers:**

Сгор	Pest/Disease	Damage symptoms	Control measures		
• Farmers should provide protective irrigation if rainfall does not occur at the critical stage of					
crop growth.					
Mango	Powdery mildew and hoppers	<ul> <li>congenial condition for disease and leaf hopped farmers are advised to these pest and disease.</li> <li>To manage powdery m Sulphur 80 WP or 1.0 m and fruiting stage.</li> <li>To manage hopper integration.</li> </ul>	igher humidity in morning hours is r occurrence of powdery mildew er pest on mango orchard, hence take control measure to manage nildew disease take spray of 3.0 g. nl. Hexaconozole 5 EC.at flowering cidence take the spray of 0.3 ml in a lit. water before flowering and		

Field beanPod borer• At the flowering stage of the plant, 5 ml of neem oil should be mixed in every liter of water and sprayed. • Install 5 pheramonal traps/acre • 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.Cucurbits (cucumber and pumpkins)Downy mildew mildewCone shaped yellow spots noticed on leaves. To manage this disease Spray 2.0 g. Metalaxyl + Mancozeb per litre of water. Powdery mildew: Cone shaped yellow spots noticed 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.RedgramPod borerCaterpillar 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 bod initiation stage.SugarcaneTrash managementSugarcane trash can be converted into compost or spread the trash in alternate rows and give irrigation, apply 15 kg urea with 5% cow dung slury and sprinkle on trash. Application of fluorotous microbes at 5 kg /acre on trash or 1-1.5 t press mud will enhance the fast degradation of trash.Ivestock• To protect the new born calves from cold, provide straw/hay bedding to young calves, keep the bedding material dry and change regularly. Expose animals to sunshine during afternoon hours. Possibility of fall in night temperatures keep the animal under shed and clean around to control fly and mosquito in cattle shed.Livestock• To protect the new born calves fr			when fruits are pea size.			
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- 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 Associateover phone No. 0821-259126/ 9535345814.

AMFU of IMD, Naganahalli, Mysuru