



UNIVERSITY OF AGRICULTURAL SCIENCE, BENGALURU
GRAMIN KRISHI MAUSAM SEWA(GKMS)
AMFU OF IMD, BENGALURU



AGROMET-ADVISORY BULLETIN

Date: **30.01.2024**

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

The forecast is valid for Bengaluru urban district.

Significant past weather for the preceding week

Parameter	26.01.2024	27.01.2024	28.01.2024	29.01.2024	30.01.2024
Rainfall (mm)	0	0	0	0	0
Max. temp(°C)	30.0	29.8	30.0	30.2	29.2
Min.Temp(°C)	19.2	19.4	18.0	19.0	18.0
Sky condition(Octas)	0	0	0	0	0
Relative humidity(%) 0830 hours	88	82	79	84	88
Relative humidity(%) 1730 hours	40	43	44	47	--
Wind Speed (kmph)	7.8	10.1	8.6	3.0	5.4
Wind Direction	140	140	90	90	90

Weather forecast (Valid from 31-01-2024 to 04-02-2024)

Forecast summary:

Parameters	31.01.2024	01.02.2024	02.02.2024	03.02.2024	04.02.2024
Rainfall (mm)	0	0	0	0	0
Max Temp Trend (°C)	29	30	30	30	30
Min Temp Trend (°C)	16	16	16	16	15
Total cloud cover (octa)	3	3	4	4	3
Relative humidity (%)Max	78	78	78	78	78
Relative humidity (%)Min	32	32	31	31	31
Wind speed(Km/hr)	2	2	1	3	4
Wind Direction (Degrees)	112	195	158	135	114

No rain forecasted by IMD, Bangalore during next 5 days. The Maximum temperature ranges from 29.0-30.0°C and Minimum of 15.0-16.0°C. Relative humidity 78 % during morning hrs and 31-32 % during noon is expected. Wind speed is 1-4 km/hr.

Weather Based Agro Advisories

Crop information and Crop Stages of the major Kharif/Rabi crops

District	Kharif crops				Horticulture crops	
	Groundnut	Redgram	Finger millet	Maize	Grape	Mango
Bangalore Urban (BU)	--	-	-	--	-	F& FS,FD

G: Germination, S: Sowing, EV: Early vegetative, VG: Vegetative growth, TR: Tranplanting, PI: Peg initiation, FLI: Flag leaf initiation, F: Flowering, PF: Pod formation, PM: Pod Maturity, T: Tillering,, Ts: Taselling, E: Ear head emergence, GF: Grain filling, H: Harvesting
IBI: Inflorescence Bud initiation , PP(V): Pod Picking Vegetable , F& FS: Flowering to fruit setting, FD: Fruit Development, H: Harvesting, M: Maturation, B: Branching

Agromet Advisory:

Crop/ Component	Stage/ Condition	Pest and Disease	Agro advisories
General			<ol style="list-style-type: none">1. Dry weather prevailing in next five days.2. Continue the harvesting Rabi crops.3. The grains of the harvested crops should be properly dried by retaining moisture percentage of Cereals 11-12 %, Pulses-9%, Oilseeds-8% and Vegetable seeds 5-6% for long storage & also minimize the store pest damage.
Horticulture crop			
Mango	Fruit setting and Development stage (Marble stage)		<ol style="list-style-type: none">1. Warm humid weather (64 -72 %) and low night temperature (11-14 °C) favorable for development of powdery mildew in mango.2. To control Powdery mildew in mango Spray Lamda Cyhalothrin 5EC @ 0.5 ml/ litre of water or sulphur dust (SULTAF) 80 W @3g/litre of water.3. Advised for one or two protective irrigation at marble stage to protect fruit drop at this stage.
Animal Husbandry			
			<ol style="list-style-type: none">1. To protect animals from a sudden drop in temperature, keep the animals in a covered shed/area during the night. The bedding/hay in the animal sheds must be kept dry and changed/aired every day.2. Due care should be taken to store/procure fodder for periods of shortage that may occur during the winter months in certain areas. Perennial grasses must be cut at this time.

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Bengaluru**

Important Note: Farmers are informed to use the APPs & Videos related to Weather information: MEGHDOOT, MAUSAM AND DAMINI APPS. This information is available in the website: mausam.imd.gov.in