



UNIVERSITY OF AGRICULTURAL SCIENCE, BENGALURU
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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 Rural district.
Significant past weather for the preceding week

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

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)	30	31	31	31	31
Min Temp Trend (°C)	16	16	16	16	15
Total cloud cover (octa)	3	3	4	4	3
Relative humidity (%)Max	74	74	74	74	74
Relative humidity (%)Min	28	28	28	26	26
Wind speed(Km/hr)	2	2	1	3	4
Wind Direction (Degrees)	90	180	158	150	114

No rain forecasted by IMD, Bangalore during next 5 days. The Maximum temperature ranges from 30.0-31.0°C and Minimum of 15.0-16.0°C. Relative 74 % during morning hrs and 26-28 % 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	
Bangalore Rural (BR)	Groundnut	Redgram	Finger millet	Maize	Grape	Mango
	--	-	-	--	-	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, CI: Cob Initiation

Agromet Advisory:

Crop/ Component	Stage/ Condition	Pest and Disease	Agro advisories
General			<ol style="list-style-type: none"> Dry weather prevailing in next five days. Continue the harvesting Rabi crops. 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