



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 Chikkaballapur district

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)	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)	71	195	202	158	117

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 humidity 74 % during morning hrs and 26-28 % during noon is expected. Wind speed 1-4 km/hr.

Weather Based Agro Advisories

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

District	Kharif crops				Horticulture crops	
Chikkaballapur	Groundnut	Redgram	Finger millet	Maize	Grape	Mango
a	--	-	-	--	-	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			

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| | <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