



UNIVERSITY OF AGRICULTURAL SCIENCE, BENGALURU  
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AMFU OF IMD, BENGALURU



**AGROMET-ADVISORY BULLETIN**

Date: **08.08.2023**

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

The forecast is valid for Chikkaballapur district

Weather forecast (Valid from 09-08-2023 to 13-08-2023)

**Forecast summary:**

Parameters	09.08.2023	10.08.2023	11.08.2023	12.08.2023	13.08.2023
Rainfall (mm)	1	1	0	0	0
Max Temp Trend ( °C)	31	30	30	30	30
Min Temp Trend ( °C)	20	20	20	20	20
Total cloud cover (octa)	5	5	5	5	5
Relative humidity (%) Max	77	77	77	77	77
Relative humidity (%) Min	66	66	66	66	66
Wind speed (Km/hr)	3	2	2	2	3
Wind Direction (Degrees)	292	291	292	292	292

Light rain forecasted by IMD, Bangalore during next 5 days. The Maximum temperature ranges from 30.0-31.0°C and Minimum of 20.0°C. Relative humidity 77 % during morning hrs and 66 % during noon is expected. Wind speed 2-3 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	V,F	EV,V	S,G	EV,V	-	-

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			<ul style="list-style-type: none"> <li>Ashlesha rainstar starts from August 3<sup>rd</sup> and remains up to August 16<sup>th</sup>. The normal rainfall of Ashlesha rainstar is 54.3 mm.</li> <li>Lack of soil moisture observed in crop field. Intercultural operation recommended for conserve the soil moisture and remove of weeds.</li> <li>Mulching is recommended for conserve the soil moisture due to dry spells over the Kharif crops</li> </ul>
Kharif crops	Sowing, Germination and Early vegetative, Vegetative stage		<p>The following crops are suggested for sowing.</p> <p>Finger millet : GPU-26,28,66 HR-911,KMR-204, ML-365 Cowpea: TVX-944, KBC-1, Green gram: PS-16, PDM-84,178 Black gram: Karagao-3, T-9, Rashmi(LBG-625).</p> <ul style="list-style-type: none"> <li>Earthing up makes a better availability of soil moisture to the crop rows through conversion of the land into ridges and furrow system.</li> <li>Wherever over population of crop plants is existing, undertake thinning operation for better availability of scarce soil moisture to the reduced population of crop plants.</li> <li>Apply the recommended top dress fertilizer to Redgram and Maize crops.</li> <li>Apply the recommended dose of Gypsum in Groundnut crop at the</li> </ul>

		time of flowering
<b>Horticulture crop</b>		
<b>Mango</b>		➤ Deep ploughing is recommended in mango orchard. Rainwater harvesting through opening circular trenches around the tree at a distance of 6 feet and width at 9 inches, as well as depth and mulching the trenches with dry mango and green leaf manuring helps in retaining sufficient soil moisture in soil.
<b>Animal Husbandry</b>		
<b>Dairy</b>		1. Feeding cow containing about 17 per cent dietary fiber in the animal feed are also helpful to increase fat percentage in milk. Concentrate mixture should comprise grains (40 per cent), oil cakes (32 per cent), brans (25per cent), mineral mixture (2 per cent) and common salt (1 per cent).

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