



UNIVERSITY OF AGRICULTURAL SCIENCE, BENGALURU
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AMFU OF IMD, BENGALURU



AGROMET-ADVISORY BULLETIN

Date: **20.02.2024**

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

The forecast is valid for Chikkaballapur district

Weather forecast (Valid from 21-02-2024 to 25-02-2024)

Forecast summary:

Parameters	21.02.2024	22.02.2024	23.02.2024	24.02.2024	25.02.2024
Rainfall (mm)	0	0	0	0	0
Max Temp Trend (°C)	33	32	32	32	32
Min Temp Trend (°C)	18	18	18	18	18
Total cloud cover (octa)	2	2	2	1	2
Relative humidity (%)Max	59	59	59	57	57
Relative humidity (%)Min	14	14	14	12	12
Wind speed(Km/hr)	5	4	3	4	4
Wind Direction (Degrees)	135	210	252	243	165

No rain forecasted by IMD, Bangalore during next 5 days. The Maximum temperature ranges from 32.0-33.0°C and Minimum of 18.0°C. Relative humidity 57-59 % during morning hrs and 12-14 % during noon is expected. Wind speed 3-5 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	--	-	-	--	-	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"> One or two protective irrigation required for mango and other horticultural plantation to protect from fruit drop due to successive dryspells. Due to continuous dry spell since December month, the termite attack is common in horticulture and Forestry tree and shrubs hence control to apply Aldrin termiticides for control of termites. Continue the harvesting Rabi crops. Carry out threshing of the harvested crops, the grains should be dried by retaining moisture percentage of cereals to 11-12 % , Pulses-9%, Oilseeds-8% and Vegetable seeds 5-6% for long storage & also minimize the store pest damage.
Horticulture crop			

Mango	Fruit Development stage (Marble stage)	<ol style="list-style-type: none"> 1. Dropping of fruits in mango trees was noticed. To manage this by giving adequate quantity of irrigation water (go for drip irrigation where ever it possible) at marble stage. 2. To control the malformation, thorough pruning of affected flowers parts between trees to reduces the spread of pests and disease and spray Carbendazim @ 1 g/L to control disease 3. Warm humid weather (64 -72 %) and low night temperature (11-14 °C) favorable for development of powdery mildew in mango. 4. 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.
Animal Husbandry		
		<ul style="list-style-type: none"> ➤ Preparation of silage from the harvested maize and other pulse crops available to overcome shortage of green fodder. ➤ Proper ventilation should be maintained for free circulation of air in the sheds. Keep the cattle shed clean.

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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