



UNIVERSITY OF AGRICULTURAL SCIENCE, BENGALURU
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AMFU OF IMD, BENGALURU



AGROMET-ADVISORY BULLETIN

Date: **20.09.2022**

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

The forecast is valid for Chikkaballapur district

Weather forecast (Valid from 21-09-2022 to 25-09-2022)

Forecast summary:

Parameters	21.9.2022	22.9.2022	23.9.2022	24.9.2022	25.9.2022
Rainfall (mm)	0	1	0	0	0
Max Temp Trend (°C)	28	29	30	29	30
Min Temp Trend (°C)	20	20	20	20	20
Total cloud cover (octa)	6	6	5	5	6
Relative humidity (%)Max	75	74	74	74	76
Relative humidity (%)Min	68	66	66	66	67
Wind speed(Km/hr)	6	6	5	5	5
Wind Direction (Degrees)	292	292	292	292	292

No rain is forecasted by IMD, Bangalore during next 5 days. The Maximum temperature ranges from 28.0-30.0°C and Minimum of 20.0°C. Relative humidity 74-76 % during morning hrs and 66-68 % during noon is expected. Wind speed 5-6 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
	PF	V	EV,V,T	Ts, CI,GF	-	--

G: Germination, **S:** Sowing, **EV:** Early vegetative, **VG:** Vegetative growth, **TR:** Transplanting, **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"> Uttara rainstar starts from September 13th and remains up to September 26th. The normal rainfall of Uttara rainstar is 91.9 mm. Advised to undertake transplanting ragi seedlings wherever there is patchy stand to maintain the uniform plant populations to get higher yield.

Kharif crops	Early vegetative and Vegetative stage	<p>The following crops are suggested for sowing.</p> <p>Finger millet Ragi (Indaf-5, 7,9, ML-365, KMR-301), Horse gram-PHG-9, KBH-1 , Niger, Field bean-HA-3 and 4 and sunflower-KBSH-1,41,42, 44 & 53, cowpea (KBC-1, TVX-944 and PKB-4 for vegetable purpose).</p> <ol style="list-style-type: none"> 1. Suggested for intercultivation for Ragi crop 2. 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. 3. To control of leaf folder insect in Redgram to spray Methomyl 40SP , 2 gram/litre of water before flowering of crop. 4. If Wilt diseases noticed in Redgram field –Drenching Carbendazim 50 WP 2 g/litre of water. 5. Remove and burn the infected Wilt diseases Redgram plant in field.
Horticulture crop		
Mango		<ol style="list-style-type: none"> 1. Paclobutrazol soil application @ 5 g a.i per plant is recommended for uniform flowering behavior in Mango crop. Paclobutrazol is effective not only in flower induction but also in early and off season flower induction which thereby maintains regularity and synchronization in flowering.
Sericulture		
		<ol style="list-style-type: none"> 1. Maintain the optimum room temperature in Sericulture unit.
Dairy		<ul style="list-style-type: none"> ➤ Congenial climate and abundant fodder availability facilitate improved Dairy, Piggery, Poultry, Sheep and Goat rearing. <p>Feeding of lactating cow</p> <ul style="list-style-type: none"> ➤ Proper feeding of dairy cattle should envisage minimum wastage of nutrients and maximum returns in respect of milk produced. ➤ A concentrate mixture made up of protein supplements such as oil cakes, energy sources such as cereal grains (Maize, Jowar), tapioca chips and laxative feeds such as brans (rice bran, wheat bran, gram husk) is generally used. ➤ Mineral mixture containing major and all the trace elements should be included at a level of 2 percent. <ol style="list-style-type: none"> 1. Dietary fiber for milking cow should be 17 % and NDF (Neutral Detergent Fiber) 22 %

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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