



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

**Significant past weather for the preceding week**

Parameter	16.9.2022	17.9.2022	18.9.2022	19.9.2022	20.9.2022
Rainfall (mm)	0	0	0	0	0
Max. temp(°C)	26.8	27.4	28.6	29.0	27.0
Min.Temp(°C)	18.4	18.6	18.2	18.2	17.0
Sky condition(Octas)	4	6	4	6	6
Relative humidity(%) 0830 hours	89	89	87	89	96
Relative humidity(%) 1730 hours	58	53	52	56	...
Wind Speed (kmph)	5.3	4.5	5.2	5.2	5.5
Wind Direction	230	230	270	270	230

**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)	1	1	0	0	1
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	82	80	80	80	82
Relative humidity (%)Min	58	56	56	56	58
Wind speed(Km/hr)	6	6	6	5	5
Wind Direction (Degrees)	291	292	291	291	292

Light 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 80-82 % during morning hrs and 56-58 % during noon is expected. Wind speed is 5-6 km/hr.

**Weather Based Agro Advisories**

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

District	Kharif crops				Horticulture crops	
	Groundnut	Redgram	Finger millet	Maize	Grape	Mango
Bangalore Urban (BU)	PF	V	EV,V,T	Ts, Cl,GF	-	--

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			1. Uttara rainstar starts from September 13 <sup>th</sup> and remains up to

		<p>September 26<sup>th</sup>. The normal rainfall of Uttara rainstar is 91.9 mm.</p> <p>2. Advised to undertake transplanting ragi seedlings wherever there is patchy stand to maintain the uniform plant populations to get higher yield.</p>
<b>Kharif crops</b>	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 &amp; 53, cowpea (KBC-1, TVX-944 and PKB-4 for vegetable purpose).</p> <ol style="list-style-type: none"> <li>1. Suggested for intercultivation for Ragi crop</li> <li>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.</li> <li>3. To control of leaf folder insect in Redgram to spray Methomyl 40SP , 2 gram/litre of water before flowering of crop.</li> <li>4. If Wilt diseases noticed in Redgram field –Drenching Carbendazim 50 WP 2 g/litre of water.</li> <li>5. Remove and burn the infected Wilt diseases Redgram plant in field.</li> </ol>
<b>Horticulture crop</b>		
<b>Mango</b>		<ol style="list-style-type: none"> <li>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.</li> </ol>
<b>Sericulture</b>		
		<ol style="list-style-type: none"> <li>1. Maintain the optimum room temperature in Sericulture unit.</li> </ol>
<b>Dairy</b>		<ul style="list-style-type: none"> <li>➤ Congenial climate and abundant fodder availability facilitate improved Dairy, Piggery, Poultry, Sheep and Goat rearing.</li> </ul> <p><b>Feeding of lactating cow</b></p> <ul style="list-style-type: none"> <li>➤ Proper feeding of dairy cattle should envisage minimum wastage of nutrients and maximum returns in respect of milk produced.</li> <li>➤ 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.</li> <li>➤ Mineral mixture containing major and all the trace elements should be included at a level of 2 percent.</li> </ul> <ol style="list-style-type: none"> <li>1. Dietary fiber for milking cow should be 17 % and NDF (Neutral Detergent Fiber ) 22 %</li> </ol>

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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)