



UNIVERSITY OF AGRICULTURAL SCIENCE, BENGALURU  
GRAMIN KRISHI MAUSAM SEWA(GKMS)  
AMFU OF IMD, BENGALURU



**AGROMET-ADVISORY BULLETIN**

Date: **31.10.2022**

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

**Significant past weather for the preceding week**

Parameter	27.10.2022	28.10.2022	29.10.2022	30.10.2022	31.10.2022
Rainfall (mm)	0	0	0	12.4	0
Max. temp (°C)	27.8	27.2	26.6	26.2	26.8
Min.Temp (°C)	13.0	16.2	16.8	16.4	16.0
Sky condition (Octas)	2	0	3	8	0
Relative humidity (%) 0830 hours	95	89	87	87	87
Relative humidity (%) 1730 hours	59	61	54	57	--
Wind Speed (Kmph)	1.9	2.7	7.7	6.0	5.6
Wind Direction	45	90	45	45	45

**Weather forecast (Valid from 01-11-2022 to 05-11-2022)**

**Forecast summary:**

Parameters	01.11.2022	02.11.2022	03.11.2022	04.11.2022	05.11.2022
Rainfall (mm)	0	16	5	4	4
Max Temp Trend (°C)	28	26	27	27	27
Min Temp Trend (°C)	19	19	20	20	19
Total cloud cover (octa)	5	5	5	5	5
Relative humidity (%)Max	76	78	78	78	78
Relative humidity (%)Min	65	67	67	67	67
Wind speed(Km/hr)	3	2	3	3	4
Wind Direction (Degrees)	45	32	66	68	90

**Light to moderate rain forecasted by IMD, Bangalore during next 5 days. The Maximum temperature ranges from 26.0-28.0°C and Minimum of 19.0-20.0°C. Relative humidity 76-78 % during morning hrs and 65-67 % during noon is expected. Wind speed is 2-4 km/hr.**

**Weather Based Agro Advisories**

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

District	Kharif crops				Horticulture crops	
Bangalore	Groundnut	Redgram	Finger millet	Maize	Grape	Mango
Urban (BU)	PM,H	F	V,T,E,GF	GF,M,H	-	--

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. Swathi rainstar starts from October 24 <sup>th</sup> and remains up to

		November 5 <sup>th</sup> . The normal rainfall of Swathi rainstar is 47.9 mm.
<b>Kharif crops</b>	Tillering stage/Ear head formation stage/flowering/pod formation and maturity 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. To control of leaf folder insect in Redgram to spray Methomyl 40SP , 2 gram/litre of water before flowering of crop.</li> <li>3. Biological control of pod borer insect in Redgram 200 LE/acre HANPV 400 litre with teepol (1 ml/lit.). Pheromone traps for <i>Helicoverpa armigera</i> 12/ha</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> <li>6. To control Cob borer spray melathion 50 EC @ 2ml/litre (500 ml/acre)</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>

**AMFU of IMD  
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)