



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



**AGROMET-ADVISORY BULLETIN**

Date: **10.05.2022**

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

**Significant past weather for the preceding week**

Parameter	06.5.2022	07.5.2022	08.5.2022	09.5.2022	10.5.2022
Rainfall (mm)	10.2	14.2	7.8	5.0	19.8
Max. temp(°C)	33.0	32.6	32.0	32.6	30.8
Min.Temp(°C)	19.0	18.0	19.6	20.0	18.0
Sky condition(Octas)	0	3	3	2	8
Relative humidity(%) 0830 hours	85	80	80	85	91
Relative humidity(%) 1730 hours	42	39	43	44	--
Wind Speed (kmph)	2.9	3.1	3.4	3.5	7.6
Wind Direction	230	230	230	230	230

**The forecast is valid for Bengaluru Urban district  
Weather forecast (Valid from 11-05-2022 to 15-05-2022)**

**Forecast summary:**

Parameters	11.5.2022	12.5.2022	13.5.2022	14.5.2022	15.5.2022
Rainfall (mm)	20	10	0	3	1
Max Temp Trend ( °C)	32	32	33	33	33
Min Temp Trend ( °C)	21	21	21	20	20
Total cloud cover (octa)	8	8	5	4	4
Relative humidity (%)Max	88	88	88	86	86
Relative humidity (%)Min	57	57	57	55	55
Wind speed(Km/hr)	4	5	4	4	4
Wind Direction (Degrees)	257	257	288	283	283

**Light rain forecasted by IMD, Bangalore during next 5 days. The Maximum temperature ranges from 32.0-33.0°C and Minimum of 20.0-21.0°C. Relative 86-88 % during morning hrs and 55-57 % during noon is expected. Wind speed is 4-5 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)	--	--	--	--	-	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			<ul style="list-style-type: none"> <li>Severe Cyclonic Storm 'ASANI' over West central &amp; adjoining south Bay of Bengal</li> </ul>

		<ul style="list-style-type: none"> <li>• <b>Southwest monsoon</b> seasonal (June to September) rainfall over the country as a whole is most likely to be <b>normal (96 to 104 % of Long Period Average (LPA))</b>.</li> <li>• <b>IMD will issue the updated forecasts in the last week of May 2022.</b></li> <li>• Take up land preparation and strengthen the bund with fodder grass which will facilitate conservation of rainwater due to pre-monsoon showers. Ploughing across the slope will make insitu soil moisture conservation.</li> <li>• Taken up summer plough to expose the soil to kill the different stages of insect and weeds.</li> <li>• Time for application tank silt to increase soil fertility.</li> <li>• Crop residues other than cattle feed may be used for compost making instead of burning.</li> <li>• Remove the half cutted stubbles of pigeon pea from their fields. This will avoid multiplication and spreading of sterility mosaic disease</li> </ul>
<b>Horticulture crop</b>		
<b>Mango</b>	Fruit setting and Development stage	<ol style="list-style-type: none"> <li>1. In mango, due to heavy downpour of rain in thunderstorm fruit drop have been observed in mango consequently fruit fly damage is also noticed. suitable control measure by spraying Carbaryl 4 g/litre of water</li> <li>2. Leaf hopper and Powdery mildew disease incidence is more before flowering and immediately after fruit formation to manage spraying of Carbaryl, 50WP @4g/litre of water or Imidachlorprid @ 0.3ml/ litre of water for management of leaf hopper.</li> <li>3. Spray Lamda Cyhalothrin 5EC @ 0.5 ml/ litre of water or sulphur dust (SULTAF) 80 W @3g/litre of water against the Powdery mildew diseases.</li> <li>4. If the incidence of Leaf hopper is severe spray Azadirachtin (10,000 ppm) @ 7.0 ml/ litre of water.</li> </ol>
<b>Sericulture</b>		
	1. Maintain the optimum room temperature in Sericulture unit.	

**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)