



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



**AGROMET-ADVISORY BULLETIN**

Date: **13.05.2022**

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

The forecast is valid for Chikkaballapur district

Weather forecast (Valid from 14-05-2022 to 18-05-2022)

**Forecast summary:**

Parameters	14.5.2022	15.5.2022	16.5.2022	17.5.2022	18.5.2022
Rainfall (mm)	5	3	2	3	5
Max Temp Trend ( °C)	27	28	29	30	30
Min Temp Trend ( °C)	23	23	23	24	24
Total cloud cover (octa)	8	7	7	7	5
Relative humidity (%)Max	82	82	82	80	82
Relative humidity (%)Min	20	20	20	18	20
Wind speed(Km/hr)	5	6	7	6	6
Wind Direction (Degrees)	288	291	288	296	292

Light rain forecasted by IMD, Bangalore during next 5 days. The Maximum temperature ranges from 27.0-30°C and Minimum of 23.0-24.0°C. Relative humidity 80-82 % during morning hrs and 18-20 % during noon is expected. Wind speed 5-7 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			<ul style="list-style-type: none"> <li>• <b>Advance of Southwest Monsoon</b> into South Andaman Sea &amp; adjoining Southeast Bay of Bengal around <b>15<sup>th</sup> May, 2022</b>.</li> <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>• IMD will issue the updated forecasts in the last week of May 2022.</li> <li>• Krithika rainstar starts from May 11<sup>th</sup> and remains upto May 24<sup>th</sup>. The normal rainfall of Krithika rainstar is 48.6 mm.</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> </ul>

		<ul style="list-style-type: none"> <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 Development stage	<ol style="list-style-type: none"> <li>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>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>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>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)