



UNIVERSITY OF AGRICULTURAL SCIENCE, BENGALURU
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AMFU OF IMD, BENGALURU



AGROMET-ADVISORY BULLETIN

Date: **10.05.2022**

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

The forecast is valid for Bengaluru Rural 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	5	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	291	283	283

Light to moderate 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	
Bangalore Rural (BR)	Groundnut	Redgram	Finger millet	Maize	Grape	Mango
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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: Tasselling, 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, CI: Cob Initiation

Agromet Advisory:

Crop/Component	Stage/Condition	Pest and Disease	Agro advisories
General			<ul style="list-style-type: none"> Severe Cyclonic Storm 'ASANI' over West central & adjoining south Bay of Bengal Southwest monsoon seasonal (June to September) rainfall over the country as a whole is most likely to be normal (96 to 104 % of Long Period Average (LPA)). IMD will issue the updated forecasts in the last week of May 2022. 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. Taken up summer plough to expose the soil to kill the different stages of insect and weeds. Time for application tank silt to increase soil fertility. Crop residues other than cattle feed may be used for compost making instead of burning.

		<ul style="list-style-type: none"> Remove the half cutted stubbles of pigeon pea from their fields. This will avoid multiplication and spreading of sterility mosaic disease
Horticulture crop		
Mango	Fruit setting and Development stage	<ol style="list-style-type: none"> 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 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. 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. If the incidence of Leaf hopper is severe spray Azadirachtin (10,000 ppm) @ 7.0 ml/ litre of water.
Sericulture		
		1. Maintain the optimum room temperature in Sericulture unit.

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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