



UNIVERSITY OF AGRICULTURAL SCIENCE, BENGALURU
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AMFU OF IMD, BENGALURU



AGROMET-ADVISORY BULLETIN

Date: **24.11.2023**

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

The forecast is valid for Bengaluru urban district.

Significant past weather for the preceding week

Parameter	20.11.2023	21.11.2023	22.11.2023	23.11.2023	24.11.2023
Rainfall (mm)	0	0	0	6.4	0
Max. temp(°C)	29.8	30.0	29.0	28.4	28.2
Min.Temp(°C)	19.0	18.2	18.0	18.6	18.2
Sky condition(Octas)	2	4	4	4	2
Relative humidity(%) 0830 hours	77	84	85	83	90
Relative humidity(%) 1730 hours	44	49	65	68	--
Wind Speed (kmph)	6.6	8.5	7.4	4.5	6.3
Wind Direction	90	90	90	140	90

Weather forecast (Valid from 25-11-2023 to 29-11-2023)

Forecast summary:

Parameters	25.11.2023	26.11.2023	27.11.2023	28.11.2023	29.11.2023
Rainfall (mm)	4	3	3	0	0
Max Temp Trend (°C)	28	28	28	30	29
Min Temp Trend (°C)	20	19	19	18	18
Total cloud cover (octa)	7	7	7	4	4
Relative humidity (%)Max	90	90	90	88	88
Relative humidity (%)Min	69	69	69	67	67
Wind (Km/hr)	7	8	7	6	5
Wind Direction (Degrees)	112	108	77	77	72

Light rain forecasted by IMD, Bangalore during next 5 days. The Maximum temperature ranges from 28.0-30.0°C and Minimum of 18.0-20.0°C. Relative humidity 88-90 % during morning hrs and 67-69 % 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)	-	M,H	M,H	-	-	-

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: 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"> Suggested for land preparation for rabi crops sowing. Intercultural operation recommended for conserving soil moisture and removal of weeds. Mulching is recommended to conserve the soil moisture in standing crops.

Kharif crops	Maturity and Harvesting stage	<p>The following Rabi crops are suggested for sowing.</p> <p>Horse gram-PHG-9, KBH-1, Niger, Field bean-HA-3 and 4 and sunflower-KBSH-1, 41, 42, 44 & 53, cowpea (KBC-1, TVX-944 and PKB-4 for vegetable purpose).</p> <ul style="list-style-type: none"> • Earthing up makes better availability of soil moisture to the crop rows through conversion of the land into ridges and furrow system. • Wherever over population of crop plants is existing, undertake thinning operation for better availability of scarce soil moisture to the reduce population of crop plants. • Right time for harvesting of matured pod or whole plants kept for dry place.
Animal Husbandry		
Dairy		<p>Feeding of lactating cow</p> <ul style="list-style-type: none"> • Proper feeding of dairy cattle should envisage minimum wastage of nutrients and maximum returns in respect of milk produced. • 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. • Mineral mixture containing major and all the trace elements should be included at a level of 2 percent. • Dietary fiber for milking cow should be 17 % and NDF (Neutral Detergent Fiber) 22 %

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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