



UNIVERSITY OF AGRICULTURAL SCIENCE, BENGALURU
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AMFU OF IMD, BENGALURU



AGROMET-ADVISORY BULLETIN

Date: **28.11.2023**

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

The forecast is valid for Bengaluru urban district.

Significant past weather for the preceding week

Parameter	24.11.2023	25.11.2023	26.11.2023	27.11.2023	28.11.2023
Rainfall (mm)	0	0	19.8	0	0
Max. temp(°C)	28.2	28.2	29.2	29.0	28.4
Min.Temp(°C)	18.2	19.6	20.0	18.6	18.0
Sky condition(Octas)	2	4	4	4	4
Relative humidity(%) 0830 hours	90	81	84	83	81
Relative humidity(%) 1730 hours	66	51	44	60	--
Wind Speed (kmph)	6.3	6.5	5.2	9.4	6.6
Wind Direction	90	140	140	140	90

Weather forecast (Valid from 29-11-2023 to 03-12-2023)

Forecast summary:

Parameters	29.11.2023	30.11.2023	01.12.2023	02.12.2023	03.12.2023
Rainfall (mm)	1	1	3	2	0
Max Temp Trend (°C)	28	29	29	29	29
Min Temp Trend (°C)	18	17	17	18	18
Total cloud cover (octa)	5	6	7	8	8
Relative humidity (%)Max	82	82	84	84	84
Relative humidity (%)Min	66	66	68	68	68
Wind (Km/hr)	5	5	4	5	4
Wind Direction (Degrees)	112	103	68	24	11

Light rain forecasted by IMD, Bangalore during next 5 days. The Maximum temperature ranges from 28.0-29.0°C and Minimum of 17.0-18.0°C. Relative humidity 82-84 % during morning hrs and 66-68 % 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)	-	M,H	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			<ul style="list-style-type: none"> • Intercultural operation recommended for conserving soil moisture and removal of weeds. • Mulching is recommended to conserve the soil moisture in standing rabi crops.
Kharif	Maturity and		The following Rabi crops are suggested for sowing.

crops	Harvesting stage	<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 pigeon pea pod or whole plants kept for dry place.
Animal Husbandry		
Dairy		<p>Feeding of lactating cow</p> <ul style="list-style-type: none"> • 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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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