



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



AGROMET-ADVISORY BULLETIN

Date: **28.11.2023**

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

The forecast is valid for Chikkaballapur district

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) | 0 | 1 | 2 | 2 | 0 |
| Max Temp Trend (°C) | 26 | 27 | 27 | 27 | 27 |
| Min Temp Trend (°C) | 18 | 17 | 17 | 18 | 18 |
| Total cloud cover (octa) | 5 | 6 | 7 | 8 | 8 |
| Relative humidity (%) Max | 89 | 89 | 91 | 91 | 91 |
| Relative humidity (%) Min | 76 | 76 | 78 | 78 | 78 |
| Wind speed (Km/hr) | 4 | 4 | 3 | 5 | 4 |
| Wind Direction (Degrees) | 112 | 103 | 69 | 58 | 11 |

Light rain forecasted by IMD, Bangalore during next 5 days. The Maximum temperature ranges from 26.0-27.0°C and Minimum of 17.0-18.0°C. Relative humidity 89-91 % during morning hrs and 76-78 % during noon is expected. Wind speed 3-5 km/hr.

Weather Based Agro Advisories

Crop information and Crop Stages of the major Kharif/Rabi crops

| District | Kharif crops | | | | Horticulture crops | |
|------------------------|---------------------|----------------|----------------------|--------------|---------------------------|--------------|
| Chikkaballapura | Groundnut | Redgram | Finger millet | Maize | Grape | Mango |
| | - | 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 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 pigeon pea pod or whole plants kept for dry place. |
| Animal Husbandry | | | |

| | | |
|--------------|--|---|
| Dairy | | Feeding of lactating cow <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