

**UNIVERSITY OF AGRICULTURAL SCIENCES, BENGALURU &  
INDIAN METEOROLOGICAL DEPARTMENT**



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**Date: 28-05-2024**

**AGRO-ADVISORY BULLETIN FOR CHAMARAJANAGARA DISTRICT**

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

**Weather forecast for the next five days (From 29-05-2024 to 02-05-2024)**

| <b>Parameter</b>                        | <b>29.05.2024</b> | <b>30.05.2024</b> | <b>31.05.2024</b> | <b>01.06.2024</b> | <b>02.06.2024</b> |
|---|-------------------|-------------------|-------------------|-------------------|-------------------|
| <b>Rainfall (mm)</b>                    | 2                 | 3                 | 5                 | 6                 | 5                 |
| <b>Max. Temp. (°C)</b>                  | 36                | 37                | 37                | 38                | 40                |
| <b>Min.Temp. (°C)</b>                   | 17                | 18                | 19                | 19                | 18                |
| <b>Sky condition (Octas)</b>            | 8                 | 5                 | 7                 | 7                 | 8                 |
| <b>Relative humidity (%) 0830 hours</b> | 84                | 84                | 84                | 85                | 85                |
| <b>Relative humidity (%) 1730 hours</b> | 48                | 48                | 48                | 45                | 40                |
| <b>Wind Speed (kmph)</b>                | 17                | 16                | 15                | 13                | 11                |
| <b>Wind Direction</b>                   | 252               | 288               | 270               | 291               | 248               |

**Forecast Summary**

As forecast received from IMD, Cloudy sky with light rainfall may be expected from 29.05.2024 to 02.06.2024 in Chamarajanagara district. The day temperature is expected to be 36-40°C & night temperature is expected 17-19°C. The relative humidity in the morning hours is expected to be 84-85% & afternoon relative humidity is expected to be in the range of 40-48%. Wind speed expected to be 11-17 km/ hr.

**Recommendations to the farmers:**

| <b>Crop</b>   | <b>Pest/Disease</b> | <b>Damage symptoms</b> | <b>Control measures</b> |
|---|---------------------|------------------------|-------------------------|
| <b>Crops that can be grown during the month of May</b>                                |                     |                        |                         |
| <b>Ragi:</b> INDAF – 9, GPU-45, 48.   |                     |                        |                         |
| <b>Maize:</b> Hema, Nityashree, MAH-14-5  |                     |                        |                         |
| <b>Pop corn:</b> Amber  |                     |                        |                         |
| <b>Shaktiman maize:</b> CSV-4, CSH-5, CSH-9   |                     |                        |                         |
| <b>Groundnut:</b> GKVK-5, KCG-6 (Chinthamani-6), GPBD-4, ICGV-91114, TMV-2, JL-24     |                     |                        |                         |
| <b>Soybean:</b> MAUS-2 (Pooja), Karune (Vegetable soybean), KBS-23                    |                     |                        |                         |
| <b>Pigeonpea:</b> BRG-1, BRG-2, BRG-3, BRG-4, BRG-5, ICP-7035, TTB-7, Hyderabad-3c    |                     |                        |                         |
| <b>Greengram:</b> PS-16, Pusa Baisakhi, PDM-84-178, KKM-3                             |                     |                        |                         |
| <b>Blackgram:</b> Karagoan-3, T-9, Rashmi, LBG-791                                    |                     |                        |                         |
| <b>Cowpea:</b> TVX-944-02-E, KBC-1, KBC-2, KBC-9, IT-98456-1, KM-05, PGCP-6           |                     |                        |                         |
| <b>Horticultural crops:</b> Banana, Arecanut, Chilli, Tomato, Tumeric, potato, Ginger |                     |                        |                         |

**Fodder crops:****Fodder maize:** African tall**Sorghum:** MP Chaari, Pusa chaari, JS-3, JS-20, COFS-29.**Bajra:** Deena bhandhu-49A**Cowpea:** KBC-2

|                               |  |   |
|-------------------------------|--|---|
| <b>Coconut</b>                | <b>Rhinoceros beetle</b>                 | <b>Remove the beetle from infected part and fill 2 % Quinolphos or 5 % Melathion in sand @ 1:1 ratio.</b>   |
| <b>Ginger</b>                 | <b>Rhizome treatment</b>                 | <b>Treat the rhizomes with 2 gm bleaching powder, 1 gm Metalaxyl MZ- 72, 1 gm Streptocycline mixed in 1 ltr of water. Treat the rhizomes 30 minutes and dry in shade. This will prevent rhizome rot problems.</b>   |
| <b>Ginger</b>                 | <b>Rhizome rot</b>                       | <b>Symptoms: Yellowing of leaves, drying of leaf margin followed by burning of entire leaf, bottom portion of the shoot with water soaked soft, orange coloured rhizomes turn to brown colour, gradual rotting of such rhizomes. To manage this disease by drench the base of the plants with 2.0 g. Captan 50 WP or 2.0 g. Metalaxyl - MZ 72WP. In a lit.water.</b>  |
| <b>Sugarcane</b>              | <b>Topdressing and intercultivation</b>  | <b>Provide topdressing in 3 splits, first topdressing should be given in 45 days after planting with 20% nitrogen, second is to be given after 75 days after planting using 30% of total nitrogen. The final topdressing should be given after 105 days with the remaining 40% nitrogen. Application of fertilizers in between ploughed rows of both sides will be more efficient use of fertilizers possible. Alternatively provide the fertilizers surrounding seedlings with 4 - 5" depth.</b> |
| <b>Tomato Chilli, Brinjal</b> | <b>Before sowing Seedlings treatment</b> | <b>To avoid incidence of wilt disease, Treat the vegetable seedlings with biofertilizers <i>Tricoderma</i> (4 grms) before planting.</b>  |

**Block level weather forecast (From 29-05-2024 to 02-05-2024)****Chamarajanagara**

| <b>Parameter</b>                        | <b>29.05.2024</b> | <b>30.05.2024</b> | <b>31.05.2024</b> | <b>01.06.2024</b> | <b>02.06.2024</b> |
|---|-------------------|-------------------|-------------------|-------------------|-------------------|
| <b>Rainfall (mm)</b>                    | 10.5              | 0.4               | 8.8               | 3.6               | 0.1               |
| <b>Max. temp (°C)</b>                   | 22.9              | 30.1              | 26.4              | 21.1              | 25.9              |
| <b>Min.Temp (°C)</b>                    | 18.3              | 18.5              | 16.9              | 15.9              | 17.7              |
| <b>Sky condition (Octas)</b>            | 7                 | 7                 | 8                 | 8                 | 6                 |
| <b>Relative humidity (%) 0830 hours</b> | 81                | 83                | 89                | 87                | 82                |
| <b>Relative humidity (%) 1730 hours</b> | 61                | 39                | 49                | 70                | 51                |
| <b>Wind Speed (kmph)</b>                | 6                 | 8                 | 9                 | 10                | 25                |
| <b>Wind Direction</b>                   | 135               | 117               | 169               | 208               | 252               |

**Gundlupete**

| <b>Parameter</b>                        | <b>29.05.2024</b> | <b>30.05.2024</b> | <b>31.05.2024</b> | <b>01.06.2024</b> | <b>02.06.2024</b> |
|---|-------------------|-------------------|-------------------|-------------------|-------------------|
| <b>Rainfall (mm)</b>                    | 7.1               | 0.3               | 25.4              | 5.4               | 1                 |
| <b>Max. temp (°C)</b>                   | 23.2              | 29.8              | 24.4              | 21.6              | 25.7              |
| <b>Min.Temp (°C)</b>                    | 18.5              | 18.6              | 16.6              | 16.2              | 17.9              |
| <b>Sky condition (Octas)</b>            | 7                 | 7                 | 8                 | 8                 | 6                 |
| <b>Relative humidity (%) 0830 hours</b> | 79                | 84                | 92                | 89                | 85                |
| <b>Relative humidity (%) 1730 hours</b> | 61                | 41                | 55                | 67                | 56                |
| <b>Wind Speed (kmph)</b>                | 7                 | 6                 | 7                 | 10                | 24                |
| <b>Wind Direction</b>                   | 126               | 120               | 161               | 169               | 249               |

**Kollegala**

| <b>Parameter</b>                        | <b>29.05.2024</b> | <b>30.05.2024</b> | <b>31.05.2024</b> | <b>01.06.2024</b> | <b>02.06.2024</b> |
|---|-------------------|-------------------|-------------------|-------------------|-------------------|
| <b>Rainfall (mm)</b>                    | 16.3              | 0                 | 3.2               | 2.1               | 0                 |
| <b>Max. temp (°C)</b>                   | 26.7              | 32.2              | 31.1              | 23.3              | 29.2              |
| <b>Min.Temp (°C)</b>                    | 19.8              | 20.6              | 19.2              | 17.8              | 19.6              |
| <b>Sky condition (Octas)</b>            | 7                 | 7                 | 8                 | 8                 | 6                 |
| <b>Relative humidity (%) 0830 hours</b> | 84                | 81                | 84                | 87                | 80                |
| <b>Relative humidity (%) 1730 hours</b> | 54                | 40                | 49                | 62                | 46                |
| <b>Wind Speed (kmph)</b>                | 6                 | 8                 | 8                 | 10                | 26                |
| <b>Wind Direction</b>                   | 113               | 117               | 210               | 214               | 252               |

## Yelandur

| Parameter                        | 29.05.2024 | 30.05.2024 | 31.05.2024 | 01.06.2024 | 02.06.2024 |
|----------------------------------|------------|------------|------------|------------|------------|
| Rainfall (mm)                    | 13.9       | 0.9        | 4.4        | 2.6        | 0.3        |
| Max. temp (°C)                   | 24.7       | 30.9       | 28.5       | 22         | 27.2       |
| Min.Temp (°C)                    | 18.9       | 19.2       | 17.9       | 16.6       | 18.4       |
| Sky condition (Octas)            | 7          | 7          | 8          | 8          | 6          |
| Relative humidity (%) 0830 hours | 83         | 83         | 86         | 87         | 82         |
| Relative humidity (%) 1730 hours | 57         | 39         | 49         | 65         | 49         |
| Wind Speed (kmph)                | 6          | 8          | 8          | 10         | 25         |
| Wind Direction                   | 113        | 117        | 207        | 207        | 252        |

- Download “DAMINI” app to get early warning on lightening and take precautions based on the alert given by the application.
- Kindly download”MAUSAM” APP for location specific forecast & warning &“MEGHDOOT” APP for Agromet advisory
- This information is available in the website: [mausam.imd.gov.in](http://mausam.imd.gov.in)

For any information farmers can contact **Dr.C.Ramachandra**, Senior Farm Superintendent/ **Dr. Sumanth Kumar.G.V**, Research Associate over phone No. 0821-259126/ 9535345814.

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