

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



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MYSURU - 570003**



Date: 17-05-2024

AGRO-ADVISORY BULLETIN FOR CHAMARAJANAGARA DISTRICT

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

Weather forecast for the next five days (From 18-05-2024 to 22-05-2024)

Parameter	18.05.2024	19.05.2024	20.05.2024	21.05.2024	22.05.2024
Rainfall (mm)	15	8	8	26	28
Max. Temp. (°C)	33.1	33	33	33.4	33.1
Min.Temp. (°C)	24.2	24.2	24.3	24.2	24
Sky condition (Octas)	7	8	7	8	8
Relative humidity (%) 0830 hours	86	90	88	86	94
Relative humidity (%) 1730 hours	47	56	60	56	62
Wind Speed (kmph)	6	7	7	6	8
Wind Direction	207	225	257	193	79

Forecast Summary

Heavy Rain/Thundershowers associated with gusty winds (40-50 kmph) very likely to occur at some places over Mysuru, Chamarajanagar, Mandya districts for next 7 days.

As forecast received from IMD, Cloudy sky with moderate rainfall may be expected from 18.05.2024 to 22.05.2024 in Chamarajanagara district. The day temperature is expected to be 33-33.4°C & night temperature is expected 24-24.2°C. The relative humidity in the morning hours is expected to be 86-94% & afternoon relative humidity is expected to be in the range of 47-62%. Wind speed expected to be 6-8 km/ hr.

Recommendations to the farmers:

Crop	Pest/Disease	Damage symptoms	Control measures
Crops that can be grown during the month of May			
Ragi: INDAF – 9, GPU-45, 48.			
Maize: Hema, Nityashree, MAH-14-5			
Pop corn: Amber			
Shaktiman maize: CSV-4, CSH-5, CSH-9			
Groundnut: GKVK-5, KCG-6 (Chinthamani-6), GPBD-4, ICGV-91114, TMV-2, JL-24			
Soybean: MAUS-2 (Pooja), Karune (Vegetable soybean), KBS-23			
Pigeonpea: BRG-1, BRG-2, BRG-3, BRG-4, BRG-5, ICP-7035, TTB-7, Hyderabad-3c			
Greengram: PS-16, Pusa Baisakhi, PDM-84-178, KKM-3			
Blackgram: Karagoan-3, T-9, Rashmi, LBG-791			

Cowpea: TVX-944-02-E, KBC-1, KBC-2, KBC-9, IT-98456-1, KM-05, PGCP-6

Horticultural crops: 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

Coconut	Rhinoceros beetle	Remove the beetle from infected part and fill 2 % Quinolphos or 5 % Melathion in sand @ 1:1 ratio.
Ginger	Rhizome treatment	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.
Ginger	Rhizome rot	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.
Sugarcane	Topdressing and intercultivation	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.
Tomato Chilli, Brinjal	Before sowing Seedlings treatment	To avoid incidence of wilt disease, Treat the vegetable seedlings with biofertilizers <i>Tricoderma</i> (4 grms) before planting.
Cattle management during summer months		<ul style="list-style-type: none"> • Maximum temperature expected to rise in coming days so tie the livestock animals in shade / cool place. • Put 4-6 inches of grass cover on the cattle shed, water 2-3 times in the afternoon and also water the floor and walls of the cattle shed. This keeps the cattle shed fairly cool. • Arrangements should be made so that air can flow easily in the cattle shed. • Clean water should be given to the cattles. • Don't allowed the cattle to graze during afternoon period when the temperature is high, cattles should be allowed to graze in the morning or evening time.

Block level weather forecast (From 18-05-2024 to 22-05-2024)**Chamarajanagara**

Parameter	18.05.2024	19.05.2024	20.05.2024	21.05.2024	22.05.2024
Rainfall (mm)	2.7	11.6	17.4	17.9	15.8
Max. temp (°C)	27.9	21.4	23.9	25.3	21.6
Min.Temp (°C)	18	16.3	16.6	17	16.9
Sky condition (Octas)	7	8	8	7	8
Relative humidity (%) 0830 hours	79	89	89	85	87
Relative humidity (%) 1730 hours	40	72	58	61	64
Wind Speed (kmph)	8	5	9	8	9
Wind Direction	248	245	248	270	250

Gundlupete

Parameter	18.05.2024	19.05.2024	20.05.2024	21.05.2024	22.05.2024
Rainfall (mm)	5.5	9.6	14.1	16.9	13.6
Max. temp (°C)	27.2	23.6	23.5	25.6	21.9
Min.Temp (°C)	17.5	17.1	16.9	17.3	17.3
Sky condition (Octas)	8	8	8	7	8
Relative humidity (%) 0830 hours	84	89	89	85	87
Relative humidity (%) 1730 hours	41	64	60	63	64
Wind Speed (kmph)	9	6	10	8	9
Wind Direction	248	248	238	248	253

Kollegala

Parameter	18.05.2024	19.05.2024	20.05.2024	21.05.2024	22.05.2024
Rainfall (mm)	5.6	18.8	7.9	16	20.1
Max. temp (°C)	30.5	24	25	26.6	24.2
Min.Temp (°C)	19.1	17.6	18.2	18.7	18.3
Sky condition (Octas)	7	8	8	8	8
Relative humidity (%) 0830 hours	83	90	89	86	89
Relative humidity (%) 1730 hours	39	70	62	61	63
Wind Speed (kmph)	9	7	9	6	7
Wind Direction	225	203	248	225	245

Yelandur

Parameter	18.05.2024	19.05.2024	20.05.2024	21.05.2024	22.05.2024
Rainfall (mm)	5	15.1	17	17.1	19.2
Max. temp (°C)	28.8	22.5	24	25.6	22.4
Min.Temp (°C)	18.4	16.6	17.2	17.6	17.3
Sky condition (Octas)	7	8	8	7	8
Relative humidity (%) 0830 hours	81	90	89	86	89
Relative humidity (%) 1730 hours	40	71	60	62	66
Wind Speed (kmph)	9	7	9	7	8
Wind Direction	240	225	248	243	245

- 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

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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