

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



**GRAMIN KRISHI MAUSAM SEWA
AMFU, OFRS, NAGANAHALLI,
MYSURU - 570003**



Date: 28-05-2024

AGRO-ADVISORY BULLETIN FOR MANDYA DISTRICT

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

Weather forecast for the next five days (From 29-05-2024 to 02-06-2024)

Parameter	29.05.2024	30.05.2024	31.05.2024	01.06.2024	02.06.2024
Rainfall (mm)	0	2	3	4	3
Max. temp (°C)	33	35	35	35	35
Min.Temp (°C)	19	20	20	20	20
Sky condition (Octas)	8	6	7	8	8
Relative humidity (%) 0830 hours	83	84	86	85	85
Relative humidity (%) 1730 hours	45	44	41	44	38
Wind Speed (kmph)	21	19	19	16	14
Wind Direction	248	249	257	291	250

Forecast Summary

As forecast received from IMD, cloudy sky with light rainfall may be expected from 29.05.2024 to 02.06.2024 in Mandya district. The day temperature is expected to be 33-35°C & night temperature is expected 19-20°C. The relative humidity in the morning hours is expected to be 83-86% & afternoon relative humidity is expected to be in the range of 38-45% per cent. Wind speed expected to be 14-21 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.

Block level weather forecast (From 29-05-2024 to 02-06-2024)

Krishnarajpet

Parameter	29.05.2024	30.05.2024	31.05.2024	01.06.2024	02.06.2024
Rainfall (mm)	27.1	1.1	0	0	0
Max. temp (°C)	32	29.7	30.4	31.5	32
Min.Temp (°C)	19.6	21	20.1	20.3	20
Sky condition (Octas)	8	8	7	8	8
Relative humidity (%) 0830 hours	90	84	83	84	87
Relative humidity (%) 1730 hours	51	59	53	46	51

Wind Speed (kmph)	15	20	24	21	20
Wind Direction	255	252	257	257	257

Maddur

Parameter	29.05.2024	30.05.2024	31.05.2024	01.06.2024	02.06.2024
Rainfall (mm)	17.1	10.1	0.8	0	0
Max. temp (°C)	32.1	31.1	32	32.5	33.3
Min.Temp (°C)	21	21.5	21.8	21.9	21.8
Sky condition (Octas)	8	8	7	8	8
Relative humidity (%) 0830 hours	86	85	79	82	81
Relative humidity (%) 1730 hours	45	51	47	39	43
Wind Speed (kmph)	14	19	22	22	22
Wind Direction	248	252	252	283	270

Malvalli

Parameter	29.05.2024	30.05.2024	31.05.2024	01.06.2024	02.06.2024
Rainfall (mm)	16.1	1.9	0.9	0	0
Max. temp (°C)	30.4	30.2	31.2	31.8	32.2
Min.Temp (°C)	20.3	21	21	21.8	21.5
Sky condition (Octas)	8	8	7	8	8
Relative humidity (%) 0830 hours	85	83	78	79	80
Relative humidity (%) 1730 hours	47	51	48	43	44
Wind Speed (kmph)	14	21	25	24	23
Wind Direction	245	252	248	249	249

Mandya

Parameter	29.05.2024	30.05.2024	31.05.2024	01.06.2024	02.06.2024
Rainfall (mm)	17.8	3.9	0	0	0
Max. temp (°C)	31.2	30.3	31.1	32.2	32.6
Min.Temp (°C)	20.7	21.5	21.4	22	21.7
Sky condition (Octas)	8	8	7	8	8
Relative humidity (%) 0830 hours	88	85	80	82	81
Relative humidity (%) 1730 hours	48	53	49	42	46
Wind Speed (kmph)	16	20	23	22	22
Wind Direction	250	252	248	252	252

Nagamangala

Parameter	29.05.2024	30.05.2024	31.05.2024	01.06.2024	02.06.2024
Rainfall (mm)	16.8	5.1	0	0	0
Max. temp (°C)	33.4	31.2	31.5	32.5	33.2
Min.Temp (°C)	20.8	21.3	20.9	20.7	20.6
Sky condition (Octas)	8	8	7	8	8
Relative humidity (%) 0830 hours	87	84	80	83	85
Relative humidity (%) 1730 hours	47	56	52	42	48
Wind Speed (kmph)	15	21	26	23	23
Wind Direction	255	257	257	257	257

Pandavapura

Parameter	29.05.2024	30.05.2024	31.05.2024	01.06.2024	02.06.2024
Rainfall (mm)	24.7	1.3	0.1	0	0
Max. temp (°C)	31.3	29.6	30.6	31.8	32
Min.Temp (°C)	20.1	21.2	20.8	21.3	21.2
Sky condition (Octas)	8	8	7	8	8
Relative humidity (%) 0830 hours	89	85	82	84	84
Relative humidity (%) 1730 hours	50	56	52	45	49
Wind Speed (kmph)	17	20	23	22	21
Wind Direction	250	252	248	252	252

Shrirangapattana

Parameter	29.05.2024	30.05.2024	31.05.2024	01.06.2024	02.06.2024
Rainfall (mm)	26.7	0.9	0	0	0
Max. temp (°C)	29.9	29	30	31.2	31.3
Min.Temp (°C)	19.6	20.9	20.6	21	21.1
Sky condition (Octas)	8	8	7	8	8
Relative humidity (%) 0830 hours	88	85	82	82	82
Relative humidity (%) 1730 hours	53	55	53	46	50
Wind Speed (kmph)	17	21	23	22	22
Wind Direction	250	252	248	249	249

- 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 Assoicateover phone No. 0821-259126/ 9535345814.

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