

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



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



Date: 17-05-2024

AGRO-ADVISORY BULLETIN FOR MANDYA DISTRICT

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

Past Weather Data			
Parameter	15.04.2024	16.05.2024	17.05.2024
Rainfall (mm)	0	0.5	0
Max. Temp. (°C)	32.6	34.2	32.4
Min. Temp. (°C)	22.7	23.6	23.2
Sky condition (Octas)	8	8	4
Relative humidity (%) 0830 hours	83	81	77
Relative humidity (%) 1730 hours	65	56	60
Wind Speed (km/h)	4	0	4
Wind Direction	90	0	360

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)	12	8	14	14	8
Max. temp (°C)	32.8	33.2	32.5	33.1	33.4
Min.Temp (°C)	23	22.8	22.8	23	23.4
Sky condition (Octas)	8	8	8	8	8
Relative humidity (%) 0830 hours	88	87	90	85	90
Relative humidity (%) 1730 hours	48	52	65	55	57
Wind Speed (kmph)	9	10	9	8	11
Wind Direction	243	248	248	135	70

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 Mandya district. The day temperature is expected to be 32.5-33.4°C & night temperature is expected 22.8-23.4°C. The relative humidity in the morning hours is expected to be 85-90% & afternoon relative humidity is expected to be in the range of 48-65% per cent. Wind speed expected to be 9-11 km/ hr.

Recommendations to the farmers:

Crop	Pest/Disease	Damage symptoms	Control measures
<p>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</p>			
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,	Before sowing		To avoid incidence of wilt disease, Treat the vegetable

Brinjal	Seedlings treatment	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)

Krishnarajpet

Parameter	18.05.2024	19.05.2024	20.05.2024	21.05.2024	22.05.2024
Rainfall (mm)	50.9	26.7	54.1	36.3	17.7
Max. temp (°C)	30.2	29.5	27.7	28.4	27.3
Min.Temp (°C)	19.4	19.9	19.5	20.1	20.5
Sky condition (Octas)	8	8	7	8	8
Relative humidity (%) 0830 hours	90	87	87	87	90
Relative humidity (%) 1730 hours	43	55	61	65	64
Wind Speed (kmph)	12	8	10	7	9
Wind Direction	255	253	279	342	261

Maddur

Parameter	18.05.2024	19.05.2024	20.05.2024	21.05.2024	22.05.2024
Rainfall (mm)	23.5	19.1	20.3	19	21.5
Max. temp (°C)	33.4	28	25.7	28.4	27.2
Min.Temp (°C)	21.2	20.6	19.9	20.4	20.1
Sky condition (Octas)	7	8	8	8	8
Relative humidity (%) 0830 hours	82	88	88	87	91
Relative humidity (%) 1730 hours	37	66	67	64	70
Wind Speed (kmph)	10	9	10	5	6
Wind Direction	208	191	212	162	248

Malvalli

Parameter	18.05.2024	19.05.2024	20.05.2024	21.05.2024	22.05.2024
Rainfall (mm)	17.9	10.9	12.1	15.8	21.5
Max. temp (°C)	32.4	25.2	25	27.6	25.6
Min.Temp (°C)	20.4	19.3	19.1	19.7	19.2
Sky condition (Octas)	7	8	8	8	8
Relative humidity (%) 0830 hours	81	88	88	87	91
Relative humidity (%) 1730 hours	39	71	65	62	68
Wind Speed (kmph)	12	9	10	6	7
Wind Direction	208	191	225	240	245

Mandya

Parameter	18.05.2024	19.05.2024	20.05.2024	21.05.2024	22.05.2024
Rainfall (mm)	37.1	29.1	35.9	21.9	28
Max. temp (°C)	32.9	27.6	25.1	28.2	26
Min.Temp (°C)	20.6	20.5	19.8	20.1	20
Sky condition (Octas)	8	8	8	8	8
Relative humidity (%) 0830 hours	86	89	90	90	94
Relative humidity (%) 1730 hours	39	65	68	67	76
Wind Speed (kmph)	12	10	10	5	7
Wind Direction	245	191	238	243	252

Nagamangala

Parameter	18.05.2024	19.05.2024	20.05.2024	21.05.2024	22.05.2024
Rainfall (mm)	31.6	39.6	52.6	36.6	15
Max. temp (°C)	31.9	30.3	28.3	29.7	28.8
Min.Temp (°C)	20.9	20.3	20	20.7	21.3
Sky condition (Octas)	7	8	8	8	8
Relative humidity (%) 0830 hours	82	86	86	86	88
Relative humidity (%) 1730 hours	42	57	62	62	63
Wind Speed (kmph)	10	8	10	4	9
Wind Direction	293	240	252	315	326

Pandavapura

Parameter	18.05.2024	19.05.2024	20.05.2024	21.05.2024	22.05.2024
Rainfall (mm)	51.6	39.3	56.8	30.5	30.3
Max. temp (°C)	31	28.7	25.7	28.1	26.1
Min.Temp (°C)	20.1	20.3	19.6	19.8	19.9
Sky condition (Octas)	8	8	8	8	8
Relative humidity (%) 0830 hours	89	89	90	89	93
Relative humidity (%) 1730 hours	42	62	66	68	72
Wind Speed (kmph)	12	8	10	5	7
Wind Direction	248	240	249	293	261

Shrirangapattana

Parameter	18.05.2024	19.05.2024	20.05.2024	21.05.2024	22.05.2024
Rainfall (mm)	57.9	41.2	58.2	30.4	33.5
Max. temp (°C)	30.4	27.3	24.9	27.4	25
Min.Temp (°C)	19.6	19.7	19.1	19.2	19.2
Sky condition (Octas)	8	8	8	8	8
Relative humidity (%) 0830 hours	88	89	90	90	94
Relative humidity (%) 1730 hours	42	64	67	70	74
Wind Speed (kmph)	12	9	10	5	6
Wind Direction	250	225	248	300	270

- 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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