

**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 MYSURU 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	0
Max. Temp. (°C)	32.7	33.2	33.1
Min. Temp. (°C)	-	-	-
Sky condition (Octas)	2	0	2
Relative humidity (%) 0830 hours	72	68	74
Relative humidity (%) 1730 hours	53	51	71
Wind Speed (km/h)	2	2	2
Wind Direction	270	140	230

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)	14	8	12	12	8
Max. temp (°C)	32.8	33.2	32.5	32.8	33.1
Min.Temp (°C)	22.2	21.8	21.6	21.6	21.7
Sky condition (Octas)	7	7	8	8	8
Relative humidity (%) 0830 hours	88	90	91	88	92
Relative humidity (%) 1730 hours	53	61	69	64	63
Wind Speed (kmph)	8	10	9	7	10
Wind Direction	248	225	252	248	90

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 Mysuru district. The day temperature is expected to be 33.1-32.8°C & night temperature is expected 21.6-22.2°C. The relative humidity in the morning hours is expected to be 88-91% & afternoon relative humidity is expected to be in the range of 53-69 %. Wind speed expected to be 8-10 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, 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)

H.D. Kote					
Parameter	18.05.2024	19.05.2024	20.05.2024	21.05.2024	22.05.2024
Rainfall (mm)	56.2	15.2	58.4	31.6	22.5
Max. temp (°C)	27.3	26.2	23.6	24.8	22.7
Min.Temp (°C)	19.5	19.9	19.3	19.5	19.1
Sky condition (Octas)	7	8	7	8	8
Relative humidity (%) 0830 hours	91	91	93	91	95
Relative humidity (%) 1730 hours	45	54	64	70	75
Wind Speed (kmph)	11	10	12	8	8
Wind Direction	246	248	248	261	257

Hunsuru					
Parameter	18.05.2024	19.05.2024	20.05.2024	21.05.2024	22.05.2024
Rainfall (mm)	69.1	14.1	59.8	28.9	29
Max. temp (°C)	29.5	27.8	25.9	26.6	24.9
Min.Temp (°C)	19.3	19.9	19.2	19.5	19.3
Sky condition (Octas)	8	8	7	8	8
Relative humidity (%) 0830 hours	90	88	91	88	93
Relative humidity (%) 1730 hours	42	53	61	67	71
Wind Speed (kmph)	11	10	12	9	8

Wind Direction	248	252	248	315	288
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K.R. Nagara

Parameter	18.05.2024	19.05.2024	20.05.2024	21.05.2024	22.05.2024
Rainfall (mm)	68.6	22.1	57.7	31.3	29.4
Max. temp (°C)	29.6	28.5	26.5	27.2	25.5
Min.Temp (°C)	18.8	19.6	19	19.4	19.4
Sky condition (Octas)	8	8	7	8	8
Relative humidity (%) 0830 hours	90	87	89	87	91
Relative humidity (%) 1730 hours	42	53	60	65	69
Wind Speed (kmph)	12	9	11	8	8
Wind Direction	270	252	259	326	281

Mysuru

Parameter	18.05.2024	19.05.2024	20.05.2024	21.05.2024	22.05.2024
Rainfall (mm)	68.2	34.6	64.1	33.1	35.6
Max. temp (°C)	28.2	25.3	24	26.1	23.3
Min.Temp (°C)	18.2	18.4	17.8	18.1	17.6
Sky condition (Octas)	8	8	8	8	8
Relative humidity (%) 0830 hours	89	89	91	90	93
Relative humidity (%) 1730 hours	43	64	65	72	76
Wind Speed (kmph)	12	9	12	6	7
Wind Direction	249	240	243	293	255

Nanjanagudu

Parameter	18.05.2024	19.05.2024	20.05.2024	21.05.2024	22.05.2024
Rainfall (mm)	37.8	15.5	45.4	28.8	29.2
Max. temp (°C)	27.3	22.9	23.2	25.1	21.6
Min.Temp (°C)	17.4	17	16.6	17.1	16.8
Sky condition (Octas)	8	8	7	8	8
Relative humidity (%) 0830 hours	86	89	89	88	91
Relative humidity (%) 1730 hours	40	69	61	67	72
Wind Speed (kmph)	13	10	13	8	8

Wind Direction	248	225	243	243	248
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Piriapatna

Parameter	18.05.2024	19.05.2024	20.05.2024	21.05.2024	22.05.2024
Rainfall (mm)	52.4	6.8	59.1	34.1	29.4
Max. temp (°C)	29.9	27.3	26.9	26.9	25.4
Min.Temp (°C)	19.7	20.1	19.6	19.9	20
Sky condition (Octas)	8	8	7	8	8
Relative humidity (%) 0830 hours	90	89	90	87	92
Relative humidity (%) 1730 hours	45	59	62	68	71
Wind Speed (kmph)	10	10	12	11	11
Wind Direction	248	257	251	315	291

T. Narasipura

Parameter	18.05.2024	19.05.2024	20.05.2024	21.05.2024	22.05.2024
Rainfall (mm)	20.9	11.8	21.3	19.1	23.5
Max. temp (°C)	29.2	23.2	23.5	26	22.8
Min.Temp (°C)	18.6	17.5	17.5	18	17.5
Sky condition (Octas)	8	8	8	8	8
Relative humidity (%) 0830 hours	82	89	88	87	92
Relative humidity (%) 1730 hours	38	70	62	64	69
Wind Speed (kmph)	12	10	11	7	8
Wind Direction	243	191	238	225	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 Assoicateover phone No. 0821-259126/ 9535345814.

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