

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



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



Date: 01-03-2024

AGRO-ADVISORY BULLETIN FOR MANDYA DISTRICT

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

Past Weather Data			
Parameter	28.02.2024	29.02.2024	01.03.2024
Rainfall (mm)	0	0	0
Max. Temp. (°C)	34.2	35.6	35
Min. Temp. (°C)	17.2	15.8	14.9
Sky condition (Octas)	2	2	2
Relative humidity (%) 0830 hours	75	75	67
Relative humidity (%) 1730 hours	35	25	22
Wind Speed (km/h)	6	0	4
Wind Direction	360	0	50

Weather forecast for the next five days (From 02-03-2024 to 06-03-2024)

Parameter	02.03.2024	03.03.2024	04.03.2024	05.03.2024	06.03.2024
Rainfall (mm)	0	0	0	0	0
Max. temp (°C)	34	34	34	34	34
Min.Temp (°C)	17	17	18	18	19
Sky condition (Octas)	2	2	2	2	2
Relative humidity (%) 0830 hours	67	71	78	69	62
Relative humidity (%) 1730 hours	22	25	25	22	21
Wind Speed (kmph)	4	2	2	2	2
Wind Direction	117	117	243	169	189

Forecast Summary

As forecast received from IMD, Cloudy sky with no rainfall may be expected from 02.03.2024 to 06.03.2024 in Mandya district. The day temperature is expected to be 34°C & night temperature is expected 17-19°C. The relative humidity in the morning hours is expected to be 62-78% & afternoon relative humidity is expected to be in the range of 21-25% per cent. Wind speed expected to be 2-4 km/ hr.

Recommendations to the farmers:

Crop	Pest/Disease	Damage symptoms	Control measures
<ul style="list-style-type: none"> • Take deep summer ploughing after harvesting of rabi crops, due to overturning of the soil in summer ploughing the sharp rays of sun enters the soil and kills the eggs, larvae and pupae of pests. This avoid the spread of the pests in the next growing season. • Due to dry weather prevail for next four days, farmers may take up irrigation to the dry land horticultural crops and other field crops depending on soil and crop condition. 			
Coconut	Black headed caterpillar	<p>Remove and burn the severely affected fronds. On community basis feed the Manocrotophos 36 SL. to the palm through root. Method: A meter away from trunk, dig out and select brown coloured pencil thickness size root. Cut the root in a slanting position. To the polythene bag (size of 15 cm. length 4 cm. breadth) add 7.5 to 10 ml. Monocrotophos 36 SL. with equal quantity of water, introduce and immerse cut end of the root in insecticide mixture and tie the bag with thread. The palm absorb the chemical within a period of 24 hours, if not after 48 hours select another root to feed the chemical. Not to harvest tender coconuts/matured coconuts for 30 days from date of chemical treatment.</p>	
Cowpea	Aphids	<p>Several individuals suck the sap from tender shoots, flower buds, flowers, leaves and tender pods. Yellowing of leaves, shrivelled grains and sooty mold on leaves. To manage this pest spray Dimethoate – 30 EC. @ 1.7 ml./liter water spray. 200 lit. Spray mixture/acre.</p>	
Sugarcane	Trash management	<p>Sugarcane trash can be converted into compost or spread the trash in alternate rows and give irrigation, apply 15 kg urea with 5% cow dung slurry and sprinkle on trash. Application of fluorotous microbes at 5 kg /acre on trash or 1 -1.5 t press mud will enhance the fast degradation of trash.</p>	
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 02-03-2024 to 06-03-2024)**Krishnarajpet**

Parameter	02.03.2024	03.03.2024	04.03.2024	05.03.2024	06.03.2024
Rainfall (mm)	0	0	0	0	0
Max. temp (°C)	33.4	33.1	33.1	33.9	34.8
Min.Temp (°C)	15.3	15.6	16.7	17	18.1
Sky condition (Octas)	4	7	4	4	4
Relative humidity (%) 0830 hours	56	91	87	82	63
Relative humidity (%) 1730 hours	17	16	22	19	22
Wind Speed (kmph)	15	10	6	6	5
Wind Direction	113	117	117	117	244

Maddur

Parameter	02.03.2024	03.03.2024	04.03.2024	05.03.2024	06.03.2024
Rainfall (mm)	0	0	0	0	0
Max. temp (°C)	33.5	33.9	33.7	34.8	35.2
Min.Temp (°C)	16.9	17.7	18.3	19.1	20
Sky condition (Octas)	4	7	3	4	3
Relative humidity (%) 0830 hours	57	69	66	70	58
Relative humidity (%) 1730 hours	18	15	17	16	18
Wind Speed (kmph)	14	11	8	7	6
Wind Direction	113	124	135	124	199

Malvalli

Parameter	02.03.2024	03.03.2024	04.03.2024	05.03.2024	06.03.2024
Rainfall (mm)	0	0	0	0	0
Max. temp (°C)	32.4	32.7	32.7	33.7	34.2
Min.Temp (°C)	16.2	17.1	17.7	18.5	19.5
Sky condition (Octas)	5	7	3	5	3
Relative humidity (%) 0830 hours	58	67	61	67	53
Relative humidity (%) 1730 hours	18	15	17	16	18
Wind Speed (kmph)	13	11	7	8	6

Wind Direction	113	124	124	113	199
-----------------------	-----	-----	-----	-----	-----

Mandya					
Parameter	02.03.2024	03.03.2024	04.03.2024	05.03.2024	06.03.2024
Rainfall (mm)	0	0	0	0	0
Max. temp (°C)	33.2	33.5	33.3	34.3	34.6
Min.Temp (°C)	16	16.9	17.5	18.3	19.4
Sky condition (Octas)	4	7	4	4	3
Relative humidity (%) 0830 hours	58	81	79	82	63
Relative humidity (%) 1730 hours	18	15	19	17	19
Wind Speed (kmph)	13	11	8	8	7
Wind Direction	113	117	124	113	203

Nagamangala					
Parameter	02.03.2024	03.03.2024	04.03.2024	05.03.2024	06.03.2024
Rainfall (mm)	0	0	0	0	0
Max. temp (°C)	33.8	34.1	33.7	34.5	35
Min.Temp (°C)	16.6	17.2	18	18.5	19.6
Sky condition (Octas)	4	7	4	4	4
Relative humidity (%) 0830 hours	57	81	77	73	61
Relative humidity (%) 1730 hours	17	16	21	18	21
Wind Speed (kmph)	16	11	8	8	7
Wind Direction	114	117	124	180	189

Pandavapura					
Parameter	02.03.2024	03.03.2024	04.03.2024	05.03.2024	06.03.2024
Rainfall (mm)	0	0	0	0	0
Max. temp (°C)	33.1	33.1	32.9	33.9	34.2
Min.Temp (°C)	15.4	15.9	16.8	17.4	18.5
Sky condition (Octas)	4	7	4	4	4
Relative humidity (%) 0830 hours	57	91	89	88	67
Relative humidity (%) 1730 hours	17	16	21	18	21
Wind Speed (kmph)	14	11	8	8	7

Wind Direction	113	117	124	108	236
-----------------------	-----	-----	-----	-----	-----

Shrirangapattana					
Parameter	02.03.2024	03.03.2024	04.03.2024	05.03.2024	06.03.2024
Rainfall (mm)	0	0	0	0	0
Max. temp (°C)	32.3	32.4	32.1	33.1	33.5
Min.Temp (°C)	15.1	15.6	16.5	17.1	18.2
Sky condition (Octas)	4	7	4	4	4
Relative humidity (%) 0830 hours	56	90	86	88	65
Relative humidity (%) 1730 hours	17	15	21	18	20
Wind Speed (kmph)	14	11	8	8	7
Wind Direction	113	117	248	108	214

- 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.

**AMFU of IMD,
Naganahalli, Mysuru**