

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



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



Date: 19-04-2024

AGRO-ADVISORY BULLETIN FOR KODAGU DISTRICT

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

Weather forecast for the next five days (From 20-03-2024 to 24-04-2024)

Parameter	20.04.2024	21.04.2024	22.04.2024	23.04.2024	24.04.2024
Rainfall (mm)	6	4	3	3	2
Max. Temp. (°C)	36.2	34.6	36	35.6	36
Min. Temp. (°C)	22	22.2	22.4	21.8	22
Sky condition (Octas)	6	6	3	2	2
Relative humidity (%) 0830 hours	94	83	87	82	85
Relative humidity (%) 1730 hours	43	46	33	36	29
Wind Speed (kmph)	7	5	6	6	5
Wind Direction	249	169	202	248	202

Forecast Summary

As forecast received from IMD, cloudy sky with light rainfall may be expected from 20.04.2024 to 24.04.2024 in Kodagu district. The day temperature is expected to be 34.6-36.2°C & night temperature is expected 21.2-22.4°C. The relative humidity in the morning hours is expected to be 82-94% & afternoon relative humidity is expected to be in the range of 29-43%. Wind speed expected to be 5-7 km/ hr.

Recommendations to the farmers:

Crop	Pest/Disease	Damage symptoms	Control measures
<ul style="list-style-type: none"> Water Management: Ensure adequate water supply to crops. Implement efficient irrigation systems such as drip irrigation to minimize water loss through evaporation. Crop Selection: Opt for drought-resistant or heat-tolerant crop varieties that can withstand high temperatures. Timing of Farming Activities: Schedule farming activities such as planting, watering and harvesting during cooler parts of the day, typically early morning or late evening, to minimize heat stress on plants and reduce water evaporation. Mulching: Apply mulch to retain soil moisture and regulate soil temperature. Mulching also helps to suppress weed growth, reducing competition for water. Monitoring: Regularly monitor soil moisture levels, crop health and animal behavior to detect 			

	<p>signs of heat stress or dehydration early.</p> <ul style="list-style-type: none"> • Livestock Management: Ensure adequate ventilation and access to clean water and shade for livestock. Avoid moving animals during the hottest parts of the day. • Poultry: Ensure that poultry houses are well-ventilated and provide adequate shade to reduce heat stress on birds. Install fans or misting systems to help cool the environment. Ensure a constant supply of cool, fresh water for the birds to drink. Consider adding electrolytes or vitamins to the water to help birds cope with heat stress • Vermicompost: As dry weather is predicted for the next five days, care should be taken to maintain the optimum moisture level of 60% in vermicompost pits.
COFFEE	Harvested coffee has to be sun dried to its standard moisture content, and stored in a well ventilated dry place. • After harvesting it is advised to collect (gleaning) coffee berries completely from the plant and fallen berries from the ground to avoid berry borer incidence.
BLACK PEPPER	Mulch the basins of pepper vine with dry leaves to conserve soil moisture and to avoid general yellowing and provide irrigation of 50 litres of water every week per vine.
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 20-04-2024 to 24-04-2024)

Madikeri					
Parameter	20.04.2024	21.04.2024	22.04.2024	23.04.2024	24.04.2024
Rainfall (mm)	5.8	2.5	4.1	2	1.9
Max. temp (°C)	30.4	28.8	31.5	30.7	34.1
Min.Temp (°C)	22.5	22.7	22.2	22.4	22.4
Sky condition (Octas)	8	8	5	4	3
Relative humidity (%) 0830 hours	98	97	97	94	94
Relative humidity (%) 1730 hours	55	62	50	47	34
Wind Speed (kmph)	5	4	5	3	3
Wind Direction	261	251	257	296	243

Somvarpet

Parameter	20.04.2024	21.04.2024	22.04.2024	23.04.2024	24.04.2024
Rainfall (mm)	7.2	1.8	1.7	0	3.3
Max. temp (°C)	31.9	28.9	33.2	32.3	32.7
Min.Temp (°C)	20.6	20.7	20	20.5	20.1
Sky condition (Octas)	7	8	5	3	3
Relative humidity (%) 0830 hours	90	90	91	84	89
Relative humidity (%) 1730 hours	47	52	35	41	30
Wind Speed (kmph)	8	6	7	6	5
Wind Direction	283	293	281	300	270

Virajpet

Parameter	20.04.2024	21.04.2024	22.04.2024	23.04.2024	24.04.2024
Rainfall (mm)	6.8	1.8	1.9	1.7	2.2
Max. temp (°C)	33.7	30.2	34	33.1	35.1
Min.Temp (°C)	23.7	24.1	23.7	24.2	23.7
Sky condition (Octas)	8	8	5	3	3
Relative humidity (%) 0830 hours	98	95	96	89	91
Relative humidity (%) 1730 hours	43	52	39	41	31
Wind Speed (kmph)	5	5	5	4	3
Wind Direction	250	248	252	248	105

- 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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