

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



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



Date: 16-04-2024

AGRO-ADVISORY BULLETIN FOR KODAGU DISTRICT

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

Weather forecast for the next five days (From 17-03-2024 to 21-04-2024)

Parameter	17.04.2024	18.04.2024	19.04.2024	20.04.2024	21.04.2024
Rainfall (mm)	0	1	2	5	4
Max. Temp. (°C)	36.4	37.4	37.1	36.9	35.9
Min. Temp. (°C)	20.3	19.9	20	20.3	20.1
Sky condition (Octas)	6	6	6	7	7
Relative humidity (%) 0830 hours	91	93	88	88	77
Relative humidity (%) 1730 hours	25	36	35	38	43
Wind Speed (kmph)	7	7	6	6	5
Wind Direction	202	216	281	248	240

Forecast Summary

As forecast received from IMD, cloudy sky with light rainfall may be expected from 17.04.2024 to 21.04.2024 in Kodagu district. The day temperature is expected to be 35.9-37.4°C & night temperature is expected 19.9-20.3°C. The relative humidity in the morning hours is expected to be 77-93% & afternoon relative humidity is expected to be in the range of 25-43%. 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 17-04-2024 to 21-04-2024)

Madikeri					
Parameter	17.04.2024	18.04.2024	19.04.2024	20.04.2024	21.04.2024
Rainfall (mm)	0	0.2	0.6	0.2	0.1
Max. temp (°C)	34.4	31.2	32.5	33.2	27.8
Min.Temp (°C)	21.7	21.8	23.2	23.3	22.3
Sky condition (Octas)	5	7	8	8	7
Relative humidity (%) 0830 hours	97	97	95	96	95
Relative humidity (%) 1730 hours	20	41	41	45	68
Wind Speed (kmph)	5	6	4	4	3
Wind Direction	255	288	288	257	295

Somvarpet

Parameter	17.04.2024	18.04.2024	19.04.2024	20.04.2024	21.04.2024
Rainfall (mm)	0	0.2	0.3	0.2	0.3
Max. temp (°C)	33	34	33.4	32.4	26.9
Min.Temp (°C)	18.8	19	20.7	20.9	20.2
Sky condition (Octas)	4	7	8	8	7
Relative humidity (%) 0830 hours	92	94	87	89	90
Relative humidity (%) 1730 hours	20	35	36	40	54
Wind Speed (kmph)	8	8	6	6	6
Wind Direction	259	257	285	261	291

Virajpet

Parameter	17.04.2024	18.04.2024	19.04.2024	20.04.2024	21.04.2024
Rainfall (mm)	0	0.2	0.2	0.2	0.3
Max. temp (°C)	35.7	32.4	33.4	33.1	30.3
Min.Temp (°C)	22.9	23.2	24.5	24.6	24.2
Sky condition (Octas)	4	7	8	8	7
Relative humidity (%) 0830 hours	96	97	91	94	92
Relative humidity (%) 1730 hours	17	38	38	43	57
Wind Speed (kmph)	5	6	5	5	3
Wind Direction	270	270	251	246	255

- 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