

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



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



Date: 14-05-2024

AGRO-ADVISORY BULLETIN FOR KODAGU DISTRICT

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

Weather forecast for the next five days (From 15-05-2024 to 19-05-2024)

Parameter	15.05.2024	16.05.2024	17.05.2024	18.05.2024	19.05.2024
Rainfall (mm)	0	28	26	18	16
Max. Temp. (°C)	32.8	32.6	32.6	32.8	33
Min. Temp. (°C)	22	21.6	21.4	21.2	21.8
Sky condition (Octas)	3	6	3	7	6
Relative humidity (%) 0830 hours	92	94	91	88	92
Relative humidity (%) 1730 hours	35	42	40	40	30
Wind Speed (kmph)	8	8	6	6	5
Wind Direction	248	248	248	240	245

Forecast Summary

Heavy Rain/Thundershowers associated with gusty winds (40-50 kmph) very likely to occur at some places over Kodagu, Mysuru, Chamarajanagar, Mandya districts for next 7 days.

As forecast received from IMD, cloudy sky with moderate rainfall may be expected from 15.05.2024 to 19.05.2024 in Kodagu district. The day temperature is expected to be 32.6-33°C & night temperature is expected 21.2-22°C. The relative humidity in the morning hours is expected to be 88-94% & afternoon relative humidity is expected to be in the range of 35-40%. Wind speed expected to be 5-8 km/ hr.

Recommendations to the farmers:

Crop	Pest/Disease	Damage symptoms	Control measures
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

- **Post-Rain Ploughing:** Take advantage of the softened soil after the rain to conduct ploughing operations. This can help incorporate moisture into the soil and improve its structure. However, ensure that the soil is not too wet to avoid compaction.
- **Prepare Seeds:** Keep seeds ready for sowing once the weather improves. Ensure seeds are stored in dry and well-ventilated areas to prevent moisture-related damage. Check seed quality before planting to ensure optimal germination and crop establishment.
- **Pest and Disease Management:** With the onset of rains, there's an increased risk of pest and disease outbreaks. Farmers should proactively monitor their fields for signs of pests and diseases and be prepared to implement control measures as necessary. Organic methods such as neem oil or biological control agents can be effective and environmentally friendly options.
- **Crop Protection:** If feasible, consider covering seedbeds or nurseries with protective materials like mulch or shade nets to shield them from heavy rainfall and potential soil erosion.
- **Field Drainage:** Assess field drainage systems and ensure they are functioning effectively to prevent waterlogging. Clear any blockages in drains and trenches to facilitate proper water runoff.
- **Crop Selection:** Opt for crop varieties that are less susceptible to waterlogging and fungal diseases during the premonsoon period. Consult with local agricultural experts for recommendations tailored to your region's conditions.
- **Post-Rain Inspection:** After the rains subside, inspect fields for any signs of waterlogging, erosion, or disease outbreaks. Take prompt action to address any issues and mitigate further damage to crops.

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 15-05-2024 to 19-05-2024)**Madikeri**

Parameter	15.05.2024	16.05.2024	17.05.2024	18.05.2024	19.05.2024
Rainfall (mm)	8.6	7.1	8.6	9.8	3.4
Max. temp (°C)	31.2	30.8	29	26.9	25.3
Min.Temp (°C)	22.4	22.1	22.2	22.4	22.3
Sky condition (Octas)	8	8	8	8	8
Relative humidity (%) 0830 hours	95	95	97	97	99
Relative humidity (%) 1730 hours	64	70	76	78	88
Wind Speed (kmph)	2	1	3	3	4
Wind Direction	270	225	270	279	248

Somvarpet

Parameter	15.05.2024	16.05.2024	17.05.2024	18.05.2024	19.05.2024
Rainfall (mm)	4	13.1	30	6.9	6.8
Max. temp (°C)	31.6	29.5	28.6	26.2	25.2
Min.Temp (°C)	21.2	20.8	20.6	20.5	20.4
Sky condition (Octas)	7	7	7	7	8
Relative humidity (%) 0830 hours	86	89	93	93	96
Relative humidity (%) 1730 hours	51	56	61	64	76
Wind Speed (kmph)	4	2	4	5	8
Wind Direction	281	252	285	257	257

Virajpet

Parameter	15.05.2024	16.05.2024	17.05.2024	18.05.2024	19.05.2024
Rainfall (mm)	20.4	9.8	4.5	5.2	16.1
Max. temp (°C)	32.4	32.8	31.4	29.9	24.5
Min.Temp (°C)	23.7	23.4	23.1	23.6	23
Sky condition (Octas)	8	7	7	7	8
Relative humidity (%) 0830 hours	90	92	94	96	98
Relative humidity (%) 1730 hours	55	50	57	57	84
Wind Speed (kmph)	3	2	3	3	4
Wind Direction	250	225	248	255	248

- 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 Assoicate over phone No. 0821-259126/ 9535345814.

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