



Gramin Krishi Mausam Sewa
India Meteorological Department
Odisha University of Agriculture and Technology
Ranital, Bhadrak, - 756111



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District-Bhadrak (North-Eastern Coastal Plain Zone)

Weather condition during last week at Bhadrak (03.05.2025-09.05.2025)

Rainfall (mm)	32.5
Maximum temperature (°C)	34.0-39.0
Minimum temperature (°C)	21.0-28.0

Forecast (Upto 14.05.2025)
Given by Met.Centre,IMD,Bhubaneswar

DISTRICT: Bhadrak As per IMD forecast, the district is likely to receive **dry weather forecasted for next 4 days & very light rain on 13th**. The sky condition may remain **clear sky** for the next five days. The wind will blow in a speed within **12-16km/h**. The maximum temperature and minimum temperature will likely to remain within **39-41°C** and **27-28°C** respectively for the next five days.

DISTRICT	Date	Rainfall (mm)	T-MAX (C)	T-MIN (C)	Cloud Cover	Rh Max (%)	Rh Min (%)	Wind speed (kmph)	Wind Direction (deg)
BHADRAK	10-05-2025	0	39	27	1	74	25	12	234
	11-05-2025	0	40	28	1	75	26	12	231
	12-05-2025	0	41	27	2	79	30	12	231
	13-05-2025	1	40	27	1	80	33	14	213
	14-05-2025	0	40	27	1	74	26	16	215

For further information, contact the Met.Centre, aerodrom Area,IMD,Bhubaneswar,Tel.#0674-2596116.

Crop and Livestock Specific Agromet Advisory

General Advisory		<ul style="list-style-type: none"> ➤ Farmer are advised to provide needful irrigation to the standing crops, irrigate only during the evening or early morning hours to minimize water loss due to evaporation. ➤ Monitor crops regularly for signs of heat stress such as wilting or leaf curling. ➤ Avoid prolonged heat exposure and outside work during 11AM to 4PM. ➤ In mango, apply foliar spray of 0.2% potassium sulphate to reduce leaf blight due to high temperature.
Crop Name	Crop Stage	Agromet Advisory
Summer Rice	Booting stage	<ul style="list-style-type: none"> ❖ Hot and humid weather condition is expected in upcoming days, maintain optimum moisture level of at growth stages like Flowering in paddy field. ❖ To address the issue of Gundhi bug in milking stage, farmers should spray Neem Seed Kernal Extract Solution @ 50ml/L of water twice, first during flowering and then again one week later.
Blackgram/ Greengram	Pod maturity	<ul style="list-style-type: none"> ❖ It is the critical stage of water requirement for green gram crop and water stress at this stage may lead to poor pod filling so maintenance of adequate moisture should be advised. ❖ In summer greengram for the management of pod borer complex spraying of Emamectin benzoate @80g per acre or profenophos @400 ml per acre is recommended.
Sugarcane	Vegetative stage	<ul style="list-style-type: none"> ❖ As mainly dry weather predicted, farmer should provide irrigation at proper time intervals. Irrigate alternate rows and apply sugarcane trash as mulching.
Vegetables	Fruiting	<ul style="list-style-type: none"> ➤ Prevailing dry weather condition is favorable for Mite incidence in vegetables to

		<p>control this apply proparagite @250ml or spiromesifen by mixing 200ml of water.</p> <ul style="list-style-type: none"> ➤ In vegetables, during flowering and fruiting, apply foliar spray of 2% DAP (20 g / liter of water) + 1% MOP (10 g / liter of water). ➤ To control Fruit rot in Tomato& brinjal spray (Metalaxyl + Mancozeb) 400g/acre recommended.
Fruit		<ul style="list-style-type: none"> ❖ Irrigate the banana and papaya by using ring method ❖ Mango- This month is very crucial for fruit growth in Mango orchard and water scarcity at this stage may lead poor fruit development therefore farmers are advised to maintain moisture by applying irrigation at 10-15 days interval at early morning or evening hours. ❖ If infestation of Mealy bug & Mango hopper incidence in mango observed ETL, to control these pests, Spraying of Thiamethoxam 0.4 g/l of water or Lambda Cyahalothrin 4.9CS @1.25 ml/l of water recommended.
Livestock	Cattle	<ul style="list-style-type: none"> ❖ Cover the shed roof with straw, paint it white or plaster with dung-mud to reduce temperature. In extreme heat condition, spray water Under the prevailing hot & humid weather condition cattle & goat should be kept at shaded places & provide them cool, clean and pure water.

Mrs. Meera Mahanty
 Jr. Agrometeorologist
 AMFU, RRTTS, Ranital

Dr.Biswaranjan Nayak
 ADR & NODAL OFFICER
 AMFU,RRTTS, Ranital

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