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District-Bhadrak (North-Eastern Coastal Plain Zone)

Weather condition duringlastweek at Bhadrak (30.04.2025-06.05.2025)

Rainfall (mm)	41.2
Maximum temperature (°C)	33.0-37.0
Minimum temperature (°C)	20.0-27.0

Forecast (Upto 11.05.2025)
Given by Met.Centre,IMD,Bhubaneswar

DISTRICT: Bhadrak As per IMD forecast, the district is likely to receive **very light rain forecasted for first 2 days & dry weather for last 3 days**. The sky condition may remain **clear sky to partly cloudy** for the next five days. The wind will blow in a speed within **11-13km/h**. The maximum temperature and minimum temperature will likely to remain within **37-39°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	07-05-2025	2	37	27	3	80	30	11	222
	08-05-2025	0	38	27	2	79	25	12	224
	09-05-2025	1	38	27	2	79	26	13	218
	10-05-2025	0	39	28	0	79	25	12	226
	11-05-2025	0	39	28	0	77	28	13	224

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"> ➤ As per IMD , very light rain forecasted for first 2 days & dry weather for last 3 days, so 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 crops and vegetables, during flowering and fruiting, apply foliar spray of 2% DAP (20 g / liter of water) + 1% MOP (10 g / liter of water). ➤ 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"> ❖ Maintain optimum moisture level of 5cm at growth stages like Flowering in paddy field because hot and humid weather condition is expected in upcoming days. ❖ Prevailing weather condition in rice field may increase the BLB infestation, to control this disease apply 200g plantomycin along with 500 g copper oxy chloride by mixing 200 l of water.
Blackgram/ Greengram	Pod development	<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	❖ As the summer season has started crop should be given irrigation at proper time intervals. Irrigate alternate rows and apply sugarcane trash as mulching. To control early shot borer in sugarcane foliar spray of Fipronil 5SC @400 ml/acre is advised.
Vegetables	Fruiting	<ul style="list-style-type: none"> ➤ Prevailing dry weather condition is favorable for Mite incidence in vegetables to control this apply proparagite @250ml or spiromesifen by mixing 200ml of water. ➤ To control Fruit and shoot borer in Brinjal, Tomato & Okra Spray Neem based pesticide 1500ppm @600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45 SC @70ml/acre or Emamectin benzoate @80-100g/acre & Thiachlopid@250ml/l of water. ➤ To control the little leaf in bitter guard & other viral diseases of cucurbits up root the infected plants & spray Flonicamid @60g/acre is recommended. ➤ 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	❖ 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.

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