



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



WeekNo.20

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District-Bhadrak (North-Eastern Coastal Plain Zone)

Weather condition during last week at Bhadrak (10.05.2025-16.05.2025)

Rainfall (mm)	18.9
Maximum temperature (°C)	37.0-40.0
Minimum temperature (°C)	24.0-29.0

Forecast (Upto 21.05.2025)
Given by Met.Centre,IMD,Bhubaneswar

DISTRICT: Bhadrak - As per IMD forecast, the district is likely to receive **very light rain 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 **10-12km/h**. The maximum temperature and minimum temperature will likely to remain within **36-39°C** and **26-28°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	17-05-2025	3	39	27	4	80	41	10	219
	18-05-2025	1	38	26	3	80	40	12	210
	19-05-2025	0	37	26	2	80	43	10	207
	20-05-2025	0	36	27	1	79	45	11	200
	21-05-2025	0	37	27	1	77	41	10	214

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

Crop and Livestock Specific Agromet Advisory

General Advisory	<ul style="list-style-type: none"> ➤ According to medium range weather forecast issued by the India Meteorological Department, light rainfall with dry weather is expected on coming days. ➤ Prevailing weather condition is favourable for increasing the insects and diseases population in both field and vegetable crops so its regular monitoring should be advised. ➤ Make necessary arrangements for draining out excess water from crop fields & give staking in creeping vegetable crop. ➤ Farmers are advised to provide needful irrigation to the standing crops. 	
Crop Name	Crop Stage	Agromet Advisory
Summer Rice	Maturity to Harvesting stage	<ul style="list-style-type: none"> ➤ Summer Paddy is in Maturity stage, if panicle turns 85% yellow and matured, then go for harvesting of the crop & keep the harvested produce in safe place few amount of rain expected in coming days. ➤ Make the threshing floor and storage go down clean and disinfectant the same. ➤ To address the issue of Gundhi bug, farmers should spray Neem Seed Kernal Extract Solution @ 50ml/L of water twice, first during flowering and then again one week later.
Blackgram/ Greengram	Physiological maturity	<ul style="list-style-type: none"> ➤ Farmers are advised to harvest Green gram and black gram at physiological maturity stage and make their safe storage.
Sugarcane	Vegetative stage	<ul style="list-style-type: none"> ➤ Considering the summer rains, provide propping to the sugarcane by tying opposite row to prevent from lodging. ➤ 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">➤ To avoid damage in cucurbits due to thunderstorm and rain, pluck all the matured vegetables and to protect from damage, staking should be given to vegetables.➤ Prevailing dry weather condition is favorable for Mite incidence in vegetables to control this apply proparagite @250ml or spiromesifen by mixing 200ml of water.➤ 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	Fruiting	<ul style="list-style-type: none">➤ Farmers should wait some days for irrigation because there is a chance of occurrence of rainfall in some places in upcoming days.➤ To control fruit fly attack, use of fruit fly trap should be advised.➤ 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 Cyhalothrin 4.9CS @1.25 ml/l of water recommended.
Pisciculture		To prepare fish pond for the month of May, Lime application of 80-100 kg/acre, after 1-2 weeks apply cow dung 2000kg (for old pond) and 3000 kg (for new pond), then after another two weeks apply Ammonium Sulphate, or Calcium ammonium nitrate five(5) kg and Single Super Phosphate five(5) kg.
Livestock	Cattle	<ul style="list-style-type: none">➤ Thunderstorm with light rainfall is expected, provide adequate clean drinking water. Encourage indoor feeding with green fodder instead of outdoor grazing.➤ 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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