



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 (13.04.2024 –19.04.2024)

Rainfall (mm)	0.2
Maximum temperature (°C)	35.0-42.0
Minimum temperature (°C)	22.0-27.0

Forecast (Upto 24.04.2024)
Given by Met.Centre,IMD,Bhubaneswar

DISTRICT: Bhadrak– As per IMD forecast, the district is likely to receive **Dry weather for first 2 days & Light rain for 3 days** with clear sky to Generally cloudy sky. The wind will blow southerly to south westerly in a speed within 16-20 km/h. The maximum temperature and minimum temperature will likely to remain 38-41°C and 25-28°C to 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	20-04-2024	0	41	27	0	84	17	19	201
	21-04-2024	0	41	28	2	83	26	20	207
	22-04-2024	10	40	28	4	78	27	17	202
	23-04-2024	15	39	26	7	48	24	14	165
	24-04-2024	10	38	25	6	58	19	16	250

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"> ➤ According to medium range weather forecast of IMD, MC, Bhubaneswar, Dry weather to very light rain forecasted, farmers are advised to provide needful irrigation at critical growth stages, irrigate only during the evening or early morning hours. ➤ Prevailing weather condition is favourable for increasing the insects and diseases population in field and vegetable crops so its regular monitoring should be advised. ➤ As per Long Range Forecast of IMD for Southwest Monsoon Season Rainfall (June to September, 2024), rainfall over the country as a whole is most likely to be above normal (>104% of the Long Period Average (LPA)). Quantitatively, the seasonal rainfall over the country as a whole is likely to be 106% of LPA with a model error of ± 5%. 	
Crop Name	Crop Stage	Agromet Advisory
Summer Rice	PI/Booting Stage	<ul style="list-style-type: none"> ❖ Maintain optimum moisture level at critical growth stages like PI & Flowering in paddy field because hot and humid weather condition is expected in upcoming days. ❖ If the rice crop is in PI stage, apply 35 kg Urea & 10 kg MOP/ha as final top dressing. ❖ In summer rice high infestation of stem borer is observed so farmers are advised to monitor the activity of stem borer by installing light trap /Pheromone trap and apply To manage Yellow stem Borer apply 4 kg Rynaxypyr 0.4 G or Flubendiamide 0.7 G @5 kg/acre 8 kg Fipronil 0.3G per acre by keeping 2-3 cm of water level in Rice field. ❖ To manage Blast disease in paddy spray (Tebuconazole 50%+ Trifloxystrobin 25 % WG)@80g/acre recommended.
Sugarcane	Vegetative stage	<ul style="list-style-type: none"> ❖ Sugarcane crop should be kept weed free up to 4 months of planting by weeding and hoeing. 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.
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.
Vegetables	Flowering/ Fruiting	❖ 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 & Thiachloprid@250ml/l of water. ❖ To prevent from wilting or partial wilting in brinjal and tomato apply Neem or Karanjaa cake and spray Tebuconazole fungicide @ 1ml/liter to plant and plant base. ❖ To control the little leaf in bitter guard & other viral diseases of cucurbits up root the infected plants & spray Flonicamid @60g/acre is recommended.
Fruit	Marble stage	Mango- ❖ 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.
Livestock		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. Umasankar Nayak
ADR & NODAL OFFICER
AMFU, RRTTS, Ranital

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