



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



WeekNo.11

No-21(Eng.Bulletin)
Dt.-12.03.2024

District–Bhadrak (North-Eastern Coastal Plain Zone)

Weather Condition During Last Week at Bhadrak (06.03.2024 –12.03.2024)

Rainfall (mm)	0.0
Maximum temperature (°C)	32.0-35.0
Minimum temperature (°C)	22.0-24.0

Forecast (Upto 17.03.2024)
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 last 3 days** with clear to overcast sky. The wind speed is likely to remain within 11-19 km/h. The maximum temperature and minimum temperature will likely to remain 34-37°C and 24-25°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	13-03-2024	0	36	24	0	92	30	14	201
	14-03-2024	0	36	25	0	81	32	19	201
	15-03-2024	2	37	25	6	92	27	11	180
	16-03-2024	10	35	24	8	94	50	11	199
	17-03-2024	10	34	24	8	85	44	12	117

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

Crop and Livestock Specific Agromet Advisory

General Advisory	<ul style="list-style-type: none"> ➤ As per IMD dry weather to light rain forecasted the farmers are advised to give needful irrigation to crops. ➤ Spraying & drenching of fungicides (Metalaxyl + Mancozeb) or (Cymoxanil + Mancozeb) @400gm per acre is recommended to check the incidence of wilt, stem rot, collar rot & other fungal diseases. 	
Crop Name	Crop stage	Agromet Advisory
Summer Rice	Transplanting	<ul style="list-style-type: none"> ❖ 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 4 kg Rynaxypyr 0.4 G or 8 kg Fipronil 0.3G per acre.Spraying of Quinalphos @400 ml per acre is advised to prevent egg laying of adults. ❖ In some places in rice field BLB infestation noticed so to control this disease apply 200g plantomycin along with 500 g copper oxy chloride by mixing 200 l of Water & apply 10 kg MOP /acre.
Sunflower	Flowering	<ul style="list-style-type: none"> ❖ Remove the infected plants from field. ❖ Need based drenching of (Metalaxyl + Mancozeb) or (Cymoxanil + Mancozeb) @400gm per acre is advised to control stem rot & collar rot.
Sugarcane	Vegetative stage	<ul style="list-style-type: none"> ❖ To control early shot borer in sugarcane foliar spray of Fipronil 5SC @400 ml/acre is advised.
Greengram	Flowering/ Fruiting	<ul style="list-style-type: none"> ❖ In summer greengram for the management of <i>Spodoptera litura</i> & <i>pod borer</i> spraying of Emamectin benzoate @80g per acre or prophenophos @400 ml per acre is recommended.
Vegetables	Flowering/ Fruiting	<ul style="list-style-type: none"> ❖ To control the little leaf in bitter guard & other viral diseases of cucurbits uproot the infected plants & spray Flonicamid @60g/acre is recommended. ❖ To control Fruit and shoot borer in Brinjal, Spray Neem based pesticide 1500ppm @600ml/acre at initial stages. Later on go for alternate spray of

		<p>Spinosad 45 SC @70ml/acre or Emamectin benzoate @80g &Thiachlopid@250ml/l of water.</p> <ul style="list-style-type: none"> ❖ 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. ❖ If Boron Micro nutrient deficiency induced fruit cracking is noticed, spraying of 300g Boron (20%) recommended. ❖ Provide bamboo or wooden stake for better fruit set and growth of summer Tomato plants. ❖ Spraying Of Acephate @250g/acre along with neem oil formulation 600ml/acre to minimize damage caused by Red Pumpkin Bettle & Epilacna bettle in cucurbits.
Fruit	Flowering /Fruiting	<p>Mango-</p> <ul style="list-style-type: none"> ❖ Spraying of NAA@1ml/4.5l is recommended to prevent the fruit drop & increase the fruit setting in 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.

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