



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



WeekNo.12

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Dt.-22.03.2024

District-Bhadrak (North-Eastern Coastal Plain Zone)

Weather Condition During Last Week at Bhadrak (16.03.2024 –22.03.2024)

Rainfall (mm)	49.3
Maximum temperature (°C)	21.0-35.0
Minimum temperature (°C)	16.0-26.0

Forecast (Upto 27.03.2024)
Given by Met.Centre,IMD,Bhubaneswar

DISTRICT: Bhadrak– As per IMD forecast, the district is likely to receive **Dry weather for upcoming 5 days** with clear to Partly cloudy sky. The wind speed is likely to remain within 14-19 km/h. The maximum temperature and minimum temperature will likely to remain 34-36°C and 22-24°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	23-03-2024	0	34	22	0	90	28	14	248
	24-03-2024	0	35	22	0	82	27	15	201
	25-03-2024	0	35	22	4	79	28	19	204
	26-03-2024	0	35	24	4	77	29	18	204
	27-03-2024	0	36	23	0	71	24	18	204

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

Crop and Livestock Specific Agromet Advisory

General Advisory	<p>As per IMD forecast, Dry weather is expected for Bhadrak district for next 5 days</p> <ul style="list-style-type: none"> ➤ Prevailing weather condition is favorable for pest and disease incidence. So, Farmers are advised to monitor the fields regularly & continue spraying & fertilizer application operations. ➤ Make the field clean and remove the weeds. ➤ Provide needful irrigation to crops. 	
Crop Name	Crop stage	Agromet Advisory
Summer Rice	Transplanting	<ul style="list-style-type: none"> ❖ In some places in rice field BLB infestation noticed , 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. ❖ 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 sheath blight & Blast disease in paddy spray (Tebuconazole 50%+ Trifloxystrobin 25 % WG)@80g/acre recommended.
Sunflower	Flowering	<ul style="list-style-type: none"> ❖ Remove the collar rot 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"> ❖ Prevailing weather condition may lead to population buildup & infestation of hairy caterpillar & Tobacco caterpillar.To minimise infestation place vegetative traps of (Ipomea/Jatropha leaves) near the field bund & need based spary of Lambda Cyahalothrin 4.9 CS@ 250ml/acre or Emamectin benzoate @100g /acre recommended. ❖ In summer greengram for the management of <i>Spodoptera litura</i> & pod borer 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 Fruit and shoot borer in Brinjal, 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 @80g & Thiachlopid@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 Epilachna beetle in brinjal crop spray Emmamectin benzoate 5 SG @ 60 gm in 200 litre of water per acre of land. ❖ 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 beetle in cucurbits. ❖ To control the little leaf in bitter guard & other viral diseases of cucurbits up root the infected plants & spray Flonicamid @60g/acre is recommended. ❖ Make the field clean and remove the weeds.
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 Cyahalothrin 4.9CS @1.25 ml/l of water recommended.
Livestock		Animals should be given a mineral mixture along with salt regularly and wheat grains, jaggery etc. may be provided @ 10%-20% in the daily ration during the winter season to meet the energy requirement of the animals.

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