



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



WeekNo.13

No-26(Eng.Bulletin)
Dt.-28.03.2024

District-Bhadrak (North-Eastern Coastal Plain Zone)

Weather Condition During Last Week at Bhadrak (22.03.2024 –28.03.2024)

Rainfall (mm)	4.7
Maximum temperature (°C)	30.0-37.0
Minimum temperature (°C)	21.0-25.0

Forecast (Upto 02.04.2024)
Given by Met.Centre,IMD,Bhubaneswar

DISTRICT: Bhadrak– As per IMD forecast, the district is likely to receive **Dry weather for first 3 days & Very Light to Light rain for last 2 days** with clear to Partly cloudy sky. The wind will blow south westerly in a speed within 14-21km/h.The maximum temperature and minimum temperature will likely to remain 37-38°C and 26-27°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	29-03-2024	0	37	26	1	68	20	17	207
	30-03-2024	0	37	26	2	72	28	21	202
	31-03-2024	0	37	27	2	63	28	20	204
	01-04-2024	6	37	27	4	69	24	14	234
	02-04-2024	2	38	27	2	55	21	16	234

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"> ➤ Provide Life shaving Irrigation to the critical Growth stages of crop like in Greengram (Flowering & Pod development), Groundnut (Pegging),Maize (Tasseling & Silking) for optimum plant growth & yield. ➤ Prevailing weather condition is favorable for pest and disease incidence. So, Farmers are advised to monitor the fields regularly. 	
Crop Name	Crop Stage	Agromet Advisory
Summer Rice	Active Tilling / PI Stage	<ul style="list-style-type: none"> ❖ If the rice crop is in PI stage, apply 35 kg Urea & 10 kg MOP/ha as final top dressing. ❖ Prevailing weather condition in rice field may increase the BLS/BLB infestation, to control this disease apply 200g plantomycin along with 500 g copper oxy chloride by mixing 200 l of water. ❖ 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. ❖ To control head borer in sunflower Flubendiamide@60ml/acre recommended. ❖ 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/ Pod	<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

	development	(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 Spodoptera litura & pod borer spraying of Emamectin benzoate @80g per acre or prophenophos @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 & 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 Fruit rot in Tomato spray (Metalaxyl + Mancozeb) 400g/acre recommended. ❖ Spraying Of Acephate @250g/acre along with neem oil formulation 600ml/acre to minimize damage caused by Red Pumpkin Beetle & 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.
Fruit	Mustard/Pea size fruit	Mango- ❖ To increase fruit size KNO ₃ 2% at mustard size fruit stage should be applied. Spraying of NAA@1ml/4.5l is recommended to prevent the fruit drop & Spraying of Planofix @ 1ml/4.5 liters of increase the fruit setting in mango. Farmers shouldn't apply hormone and insecticide at same time. There should be at least one week gap between their applications. ❖ 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 to meet the energy requirement of the animals.

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