



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

WeekNo.52

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Dt.-26.12.2023

District-Bhadrak (North-East Coastal Plain Zone)

Weather Condition During Last Week at Bhadrak (20.12.2023 –26.12.2023)

Rainfall (mm)	0.0
Maximum temperature (⁰ C)	26.0-28.0
Minimum temperature (⁰ C)	13.0-17.0

Forecast (Upto 31.12.2023)
Given by Met.Centre,IMD,Bhubaneswar

DISTRICT: Bhadrak– As per IMD forecast, the district is likely to receive **Dry weather for 5 days** with Clear sky. The wind speed is likely to remain within 07-09 km/h. The maximum temperature and minimum temperature will likely to remain 28-29°C and 16-17°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	27-12-2023	0	29	17	0	75	39	7	288
	28-12-2023	0	28	17	0	71	35	7	120
	29-12-2023	0	28	16	0	67	35	9	68
	30-12-2023	0	28	16	0	61	35	9	112
	31-12-2023	0	28	16	0	62	33	8	105

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

Agromet Advisory

Khari Rice	<p>General Advisory-</p> <ul style="list-style-type: none">❖ Farmers are advised not to burn the residue of Kharif crops in the fields because it not only pollute the environment but also cause severe health problems.❖ To prevent damage from fog,low temperature and moisture stress ,provide light irrigation to standing crops & vegetables during morning hours.❖ Rice grains must be dried under sun for 3-4 days to 14% moisture for consumption and 12% moisture for seed purpose.❖ Make the threshing floor and storage godown clean and and spray Lambda Cyahalothrin 4.9CS@1.5ml/li. of water to minimize the chance of future infestation of storage pest.
Blackgram	<ul style="list-style-type: none">❖ In the shallow low land areas sowing of local blackgram as paira crop should be completed.❖ Sow the seeds after treating with (Carboxin+Thiram)@2gm/kg of seed.❖ Treat the seed after 7 days of above insecticide with specific Rhizobium culture before sowing. Mix 400g culture with 3g Ammonium molybdate & 800 ml water and apply with 10 kg of seed.
Rapeseed and Mustard	<ul style="list-style-type: none">❖ Taking the advantage of store soil moisture, land preparation and sowing of the crop should be completed soon to get optimum yield.❖ Suitable varieties: Toria- Sushree Indian mustard- NRCHB 101, JD 6, Sampoorna❖ Seed rate- 8-10 Kg/ha, Spacing- 30 cm X 10 cm❖ Fertilizer dose: Toria @60:30:30 N-P2O5-K2O Kg/ha Mustard@80:40:40 N-P2O5-K2O Kg/ha 50%N and all P2O5 and K2O fertilizers should be applied as basal.❖ Application of Bentonite Sulphur @30kg/ha for increasing the oil content .Otherwise select Grommer (20:20:0:13) and MOP as a source of N,P,K & S.❖ Thinning should be carried out before top dressing to maintain optimum plant population.

Vegetables	<ul style="list-style-type: none"> ❖ To prevent from wilting or partial wilting in brinjal and tomato apply Neem or Karanjaa cake. And spray (basal + foliar) Tebuconazole fungicide @ 1ml/liter. ❖ In case of solanaceous vegetable avoid excess irrigation to prevent the occurrence and spreading of wilting disease.If wilting is noticed uproot the plants, expose the soil to sunlight and spray Tebuconazole @200ml along with Plantomycin @ 200 g/acre. ❖ Provide bamboo or wooden stake for better fruit set and growth of Tomato plants. ❖ For minimizing the infestation of sucking insect pests like white fly, leaf hopper ,thirps and aphid in vegetables nursery and main field, spray Thiamethoxam @ 0.4g/litre of water. ❖ To control leaf eating caterpillar and fruit borer in winter vegetables like Brinjal, Cole crops, Chilly & tomato apply 0.5 g Emamectin benzoate or 0.4 ml Spinosad per liter of water.
	<ul style="list-style-type: none"> ❖ Legume Vegetables- Cowpea, Beans, Runner bean To protect the crop from flea beetle and other foliage feeder spray Neem oil 1500 PPM @ 3ml/li. of water or spinosad 0.4 ml/lit of water recommended. ❖ For Minimizing the spread of viral diseases like Cowpea Mosaic virus, Install yellow sticky trap, spray Neem based formulation 1500 ppm @ 3 ml/ lit of H₂O and need based application of Acetamiprid @ 0.4g/lit of water recommended.
Cole Crops	<ul style="list-style-type: none"> ❖ To prevent collar rot of cole crops Spraying of (Metalxyl + Mancozeb) or (Cymaxonil+Mancozeb) @ 2g /lit of water recommended.
Fruit	<ul style="list-style-type: none"> ❖ Papaya-Install Yellow Sticky trap to trap the vector (Whitefly) of Papaya Leaf Curl Virus. Alternate spraying of Neem oil formulation 1500ppm @3ml/lit of water and flonicamid 50WG @0.3g/litre to control whitefly. ❖ Coconut- ❖ To reduce the incidence of Leaf blight in newly planted coconut saplings spraying of Meatalxyl+ Mancozeb@2 g/ litre of water is advised.
Pisciculture	<ul style="list-style-type: none"> ❖ As the winter is in the starting phase, there is a possibility of “EUS” disease in fish. Farmers are advised to apply ‘Cifax’ @ 400 ml mixed with 40 litre of water in one acre pond area as a preventive measure. ❖ The fishes should be fed daily with oil cake bran mixture at the rate of 2-3 % of their total biomass.
Animal Science	<ul style="list-style-type: none"> ➤ If the animals have not yet been vaccinated against FMD, Haemorrhagic Septicaemia, Black Quarter, Enterotoxemia etc., these must be done. ➤ Animals should be given mineral mixture along with salt regularly and wheat grains, jaggery etc. may be provided @ 10%-20% in the daily ration during winter season to meet the energy requirement of the animals.

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