



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

WeekNo.52

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District–Bhadrak (North-East Coastal Plain Zone)

Weather Condition During Last Week at Bhadrak (23.12.2023 –29.12.2023)

Rainfall (mm)	0.0
Maximum temperature (°C)	27.0-28.0
Minimum temperature (°C)	15.0-17.0

Forecast (Upto 03.01.2024)
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 to Partly Cloudy sky. The wind speed is likely to remain within 07-08 km/h. The maximum temperature and minimum temperature will likely to remain 28°C and 17-18°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	30-12-2023	0	28	17	0	56	38	7	105
	31-12-2023	0	28	17	0	59	37	7	292
	01-01-2024	0	28	17	0	60	38	7	162
	02-01-2024	0	28	17	0	65	40	8	112
	03-01-2024	0	28	18	3	68	41	8	225

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 spray Lambda Cyhalothrin 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.❖ 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.Perform hoeing, weeding and thinning (wherever necessary) at 3 weeks stage.❖ Irrigate the field if soil moisture stress is observed.❖ Past weather condition is favourable for aphid attack and white rust infestation in mustard crop so its regular monitoring should be advised.❖ To manage leaf Webber and Sawfly pests at early stage of infestation spray neem-based pesticide (Neem Oil 1500 PPM) @ 600-ml/acre by mixing in 200-litre of water. After 7-10 days, spray Bacillus thuringensis @ 500 g/acre by mixing in 200-litre of water.

Vegetables	<ul style="list-style-type: none"> ❖ Cauliflower: To manage Alternaria leaf spot disease in Cole crops spray Mancozeb 75 % WP @ 600-gram/acre or carbendazim 12 % + Mancozeb 63 % WP @ 400-gram/acre by mixing in 200-litre of water. Chances of diamond back moth infestation in cauliflower, if observe spray Azadirachtin 5% W/W @ 0.5 ml/litre of water or Emamectin benzoate 5% SG @ 0.4 g/litre of water. To increase yield spray Borax (10.5% B) @ 3 g/litre of water at 30 and 50 days after transplanting. Tomato & Brinjal: ❖ To prevent from wilting or partial wilting in brinjal and tomato apply Neem or Karanjaa cake. And spray (basal + foliar) Tebuconazole fungicide @ 1ml/liter. ❖ 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 ,thrips 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.
Flower	<ul style="list-style-type: none"> ❖ Marigold: Mealy bug in marigold can be controlled by spraying Fish oil or resin soap @ 25 g/lt. In severe infestation, spray Dimethoate or Prophenophos @ 2 ml/lt.●
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"> ➤ The large ventilation spaces in shed must be closed in night, as the night temperature is falling. ➤ 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

Mrs. Meera Mahanty
Jr. Agrometeorologist
AMFU, RRTTS, Ranital

Dr. Umasankar Nayak
ADR & NODAL OFFICER
AMFU, RRTTS, Ranital

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