



Gramin Krishi Mausam Sewa
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Ranital, Bhadrak, - 756111



WeekNo.29

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District–Bhadrak (North-Eastern Coastal Plain Zone)

Weather condition during last week at Bhadrak (12.07.2025-18.07.2025)

Rainfall (mm)	76.6
Maximum temperature (°C)	33.0-36.0
Minimum temperature (°C)	25.0-28.0

Forecast (Upto 23.07.2025)
Given by Met.Centre,IMD,Bhubaneswar

DISTRICT: Bhadrak– As per IMD forecast, the district is likely to receive **Very light to light rain for next 5 days** with partly cloudy to generally cloudy sky. The wind will blow in a speed within 07-09 km/h. The maximum temperature and minimum temperature will likely to remain 33-35°C and 28-29°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	19-07-25	4	33	28	4	85	56	7	217
	20-07-25	5.9	34	28	5	85	53	8	220
	21-07-25	3.4	35	28	4	84	58	4	204
	22-07-25	2.3	35	28	3	83	57	2	211
	23-07-25	1.7	35	29	3	84	55	6	225

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

Crop and Livestock Specific Agromet Advisory

General Advisory	<ul style="list-style-type: none"> ➤ Farmers are advised to initiate transplanting of paddy by using rain water/canal water & farm pond or any other nearby water sources. ➤ Prevailing periodically cloudy and sunny condition is favourable for insect pest attack in vegetable crops so its regular monitoring should be advised. ➤ Drain out excess water from rice nurseries & jute field. ➤ Keep the cattle shed clean during rainy season to prevent ectoparasites like ticks and lice. 	
Crop Name	Crop Stage	Agromet Advisory
Kharif Rice	Land preparation /Nursery	<ul style="list-style-type: none"> ➤ Considering the anticipated rainfall farmer should start transplanting of rice after nursery treatment with Granular insecticide like Cartap hydrochloride (4G) @ 100 grams/1 decimal nursery or Fipronil 0.3 g @ 100g/ 1 decimal nursery area seven days before uprooting of seedlings. ➤ Under the prevailing weather condition blast & BLB incidence are observed in rice . Spray Tricyclazole @ 1gm/lit of water along with Plantomycin @ 1gm/lit of water to minimize the disease incidence. ➤ Plant 2 to 3 seedlings/hill at shallow depth in erect manner with spacing of 20 X 15cm for long duration and 20 X 10cm for medium duration varieties.
Jute	Vegetative stage	<ul style="list-style-type: none"> ❖ Recent rain will increase weed population in jute,to control grass weeds apply Quizalfop-pethyl @2ml/litre of water. ❖ Current rainy weather is favourable for attack of insect pest like semilooper, Bihari hair caterpillar and other foliage feeders. To control these insects, spray Lamba cyhalothrin 4.9CS @ 250 ml/acre.

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. ➤ Tie sugarcane leaves from four to five plants together to prevent lodging .
Vegetables	Nursery/ Flowering/ Fruiting	<ul style="list-style-type: none"> ➤ 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 & Thiachloprid@250ml/l of water. ➤ Prevailing weather condition may increase the mealy bug in okra & brinjal to control this spraying of Thiamethoxam 0.4 g/l of water recommended. ➤ Prevailing periodically cloudy and sunny condition is favourable for sucking insect pest attack in vegetable crops so its regular monitoring should be advised.
Fruit	Sowing/ Fruiting	<p>Papaya, coconut -</p> <ul style="list-style-type: none"> ➤ For planting coconut seedlings, dig a hole 3ft wide and deep. Apply 2 bags of cow dung, 2kg of neem cake and 100gm of Chloropyriphos powder in each hole. Mix DAP 100gm and Potash 200gm in the top half of the soil and fill the hole. After 5 days, plant the seedlings such that the top of the coconut plant is visible 1cm above the soil. ➤ Sow the seeds of papaya seed after seed treatment with Carbendazim.
Pisciculture		<ul style="list-style-type: none"> ➤ Carp such as Rohu, Catla and Mrigal, which grow rapidly, should be stocked in a certain ratio of 4:3:3 to increase the benefits. ➤ Generally, a density of 5,000 fingerlings/ha is kept as a standard stocking. ➤ Groundnut oil cake and rice bran is given in same ratio @ 5% of the total biomass of stocking material. Cow dung, urea and super phosphate should be applied to increase pond quality. In 8-10 months, fishes attain their marketable size.
Livestock	Cattle	<ul style="list-style-type: none"> ➤ Keep the cattle shed clean during rainy season to prevent ectoparasites like ticks and lice. ➤ 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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