



**Gramin Krishi Mausam Sewa**  
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**Ranital, Bhadrak, - 756111**

WeekNo.01

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**District–Balasore (North-East Coastal Plain Zone)**

**Weather Condition During Last Week at Balasore (27.12.2023 –02.01.2024)**

Rainfall (mm)	0.0
Maximum temperature (°C)	28.0
Minimum temperature (°C)	16.0-18.0

Forecast (Upto 07.01.2024)

Given by Met. Centre,IMD,Bhubaneswar

**DISTRICT: Balasore** – 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 08-10 km/h. The maximum temperature and minimum temperature will likely to remain 28-29°C and 15-17°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)
BALASORE	03-01-2024	0	28	15	0	50	31	10	112
	04-01-2024	0	28	16	0	59	37	9	30
	05-01-2024	0	29	16	0	67	39	9	248
	06-01-2024	0	29	16	0	72	41	9	162
	07-01-2024	0	28	17	0	67	44	8	158

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

**Agromet Advisory**

<b>Khari Rice</b>	<p><b>General Advisory-</b></p> <ul style="list-style-type: none"> <li>❖ To prevent damage from fog, low temperature and moisture stress, provide light irrigation to standing crops &amp; vegetables during morning hours.</li> <li>❖ Rice grains must be dried under sun for 3-4 days to 14% moisture for consumption and 12% moisture for seed purpose.</li> <li>❖ Make the threshing floor and storage godown clean and spray Lambda Cyahalothrin <a href="#">4.9CS@ 1.5ml/li.</a> of water to minimize the chance of future infestation of storage pest.</li> </ul>
<b>Blackgram</b>	<ul style="list-style-type: none"> <li>❖ In the shallow low land areas sowing of local blackgram as paira crop should be completed.</li> <li>❖ Sow the seeds after treating with (Carboxin+Thiram)@2gm/kg of seed.</li> <li>❖ Treat the seed after 7 days of above insecticide with specific Rhizobium culture before sowing. Mix 400g culture with 3g Ammonium molybdate &amp; 800 ml water and apply with 10 kg of seed.</li> </ul>
<b>Rapeseed and Mustard</b>	<ul style="list-style-type: none"> <li>❖ Thinning should be carried out before top dressing to maintain optimum plant population.Perform hoeing, weeding and thinning (wherever necessary) at 3 weeks stage.</li> <li>❖ Irrigate the field if soil moisture stress is observed.</li> <li>❖ Past weather condition is favourable for aphid attack and white rust infestation in mustard crop so its regular monitoring should be advised.</li> <li>❖ 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.</li> </ul>
<b>Vegetables</b>	<ul style="list-style-type: none"> <li>❖ <b>Cauliflower:</b> 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.</li> <li><b>Tomato &amp; Brinjal:</b></li> <li>❖ To prevent from wilting or partial wilting in brinjal and tomato apply Neem or Karanjaa cake. And</li> </ul>

	<p>spray (basal + foliar) Tebuconazole fungicide @ 1ml/liter.</p> <ul style="list-style-type: none"> <li>❖ Provide bamboo or wooden stake for better fruit set and growth of Tomato plants.</li> <li>❖ 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.</li> <li>❖ To control leaf eating caterpillar and fruit borer in winter vegetables like Brinjal, Cole crops, Chilly &amp; tomato apply 0.5 g Emamectin benzoate or 0.4 ml Spinosad per liter of water.</li> </ul>
<b>Flower</b>	<ul style="list-style-type: none"> <li>❖ <b>Marigold:</b> 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.●</li> </ul>
<b>Fruit</b>	<ul style="list-style-type: none"> <li>❖ <b>Papaya-</b>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.</li> <li>❖ <b>Coconut-</b></li> <li>❖ To reduce the incidence of Leaf blight in newly planted coconut saplings spraying of Meatalxyl+ Mancozeb@2 g/ litre of water is advised.</li> </ul>
<b>Pisciculture</b>	<ul style="list-style-type: none"> <li>❖ 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.</li> <li>❖ The fishes should be fed daily with oil cake bran mixture at the rate of 2-3 % of their total biomass.</li> </ul>
<b>Animal Science</b>	<ul style="list-style-type: none"> <li>➤ The large ventilation spaces in shed must be closed in night, as the night temperature is falling.</li> <li>➤ 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</li> </ul>

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