



**West Central Table Land Zone**

**District-Bargarh**

Weather forecast for next 5 days

Date	27-12-2025	28-12-2025	29-12-2025	30-12-2025	31-12-2025
Rainfall (mm)	0	0	0	0	0
Max Temperature (° C)	28	28	29	29	29
Min Temperature (°C)	12	12	12	13	13
Total cloud cover (okta)	0	0	0	0	3
Max Relative Humidity (%)	68	66	63	61	59
Min Relative Humidity (%)	26	24	22	21	24
Wind speed (km/h)	4	3	3	2	2
Wind direction (deg)	27	18	30	11	11

For further information, contact the IMD, Bhubaneswar, Tel. # 0674-2596116

**Weather Summary/Alert:**

According to medium range weather forecast of IMD, MC, Bhubaneswar, there is very less chance of occurrence of rainfall and clear to partly cloudy sky is expected during upcoming week. No large change in both Maximum and Minimum temperature is expected in upcoming 5 days. Moderate relative humidity along with a wind speed of 2-4 km/h is predicted in north-easterly direction.

**General Advisory**

- As per the forecast, prevailing foggy day condition is very likely to occur at one or two places over the district in upcoming days also, which may impacted crop by reducing sunlight penetration, which is essential for photosynthesis and plant growth. So, farmers are advised to apply light, protective irrigation to the crops, as moist soil retains heat better than dry soil, which can help raise the temperature around the plants.
- High humidity and persistent leaf wetness create a conducive environment for fungal and other diseases. Prevailing cold and foggy conditions may lead to increased infestation of certain pests, such as aphids on vegetables, beans, and mustard. So, its regular monitoring should be advised.
- Where irrigation facilities are available, grow short duration rabi crops like, Green gram, Cowpea in medium/shallow lowlands utilizing the available soil moisture in the field.

**SMS Advisory**

- As per extended range forecast of IMD, MC, BBSR, below normal minimum temperature is forecasted for this week along with foggy weather, so farmers should take necessary precaution accordingly.

**Crop and livestock Specific Agromet Advisory**

Name of the crop	Crop Stage	Agromet Advisories
<b>Rabi Rice</b>	<b>Field preparation/ Nursery sowing</b>	<ul style="list-style-type: none"> <li>Farmers should start nursery bed preparation for summer/rabi season rice.</li> <li>Looking to the prevailing cold weather condition, farmers are advised to cover the nursery beds with polythene sheet during night in rice nursery and remove in the morning. Irrigate the nursery beds in the evening and drain out the water in the morning.</li> </ul>
<b>Rapeseed/ Mustard</b>	<b>Flowering / Pod formation</b>	<ul style="list-style-type: none"> <li>To protect the mustard crop from cold wave, spraying of dilute Sulphuric Acid @ 0.1% (1 litre H<sub>2</sub>SO<sub>4</sub> in 1000 litres of water) or thiourea @ 500 ppm (500 gm thiourea in 1000 litres of water) should be advised.</li> <li>Past weather condition is favourable for aphid and mustard sawfly attack in mustard crop so its regular monitoring should be advised.</li> </ul>

<b>Vegetable crops</b>	<b>Nursery bed preparation / Sowing/ Vegetative stage</b>	<ul style="list-style-type: none"> <li>• Keeping in view of the prevailing cold weather condition, farmers should cover the seeds with a fine layer of soil after sowing in nursery bed and provide light watering using water can.</li> <li>• Cover the beds with dry straw or grass until germination is complete to maintain moisture and temperature, removing the cover immediately after seedling emergence.</li> <li>• Prevailing weather condition is favorable for sucking insect and blight attack in vegetable crops. So regular monitoring should be advised.</li> </ul>
<b>Chilli</b>	<b>Vegetative stage</b>	<p><b>Leaf curl disease:</b></p> <ul style="list-style-type: none"> <li>• <b>Symptoms:</b> The plant does not grow well due to this disease. When the leaves are affected by the Thrips, the leaves curl upwards and these insects are present on the upper part of the young leaves and when the Aphid attacks, the leaves curl downwards.</li> <li>• <b>Management:</b> For its management, blue sticky traps are used to attract the Thrips. Apart from this, initially spray 5 ml of neem based insecticide mixed in one liter of water. If still persist, then spraying of chemical insecticides like Spinosad @ 4 ml in 10 liters of water or Fipronil 5% SC @ 2 ml per liter of water at an interval of 7-10 days should be advised.</li> <li>• Spraying should not be done during foggy weather.</li> </ul>
<b>Cows and Buffalos</b>		<ul style="list-style-type: none"> <li>• To protect the animal from cold, they should kept inside the sheds during night and provide dry bedding (If possible, use jute bag to cover the animal and straw as bedding material).</li> <li>• Increase protein level and minerals in the feed concentrate to keep the animals healthy to cope up with the cold condition. Provide mineral mixture along with salt regularly and also if possible, then use wheat grains, jaggery etc. @ 10%-20% in the daily ration during winter season to meet the energy requirement of the animals.</li> </ul>
<b>Poultry</b>		<ul style="list-style-type: none"> <li>• In Poultry, keep the chicks warm by providing artificial light in the poultry sheds.</li> </ul>

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