



Gramin Krishi Mausam Sewa
India Meteorological Department
Orissa University of Agriculture and Technology
RRTTS, Chiplima, Sambalpur



No. 04 (English Bulletin)

Week no - 02

Date: 13.01.2026

West Central Table Land Zone

District-Bargarh

Weather forecast for next 5 days

Date	14-01-2026	15-01-2026	16-01-2026	17-01-2026	18-01-2026
Rainfall (mm)	0	0	0	0	0
Max Temperature (° C)	28	28	28	28	29
Min Temperature (°C)	12	11	11	12	12
Total cloud cover (okta)	0	0	0	0	2
Max Relative Humidity (%)	62	62	60	61	62
Min Relative Humidity (%)	23	22	21	17	18
Wind speed (km/h)	5	5	5	6	3
Wind direction (deg)	4	9	32	27	7

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 clear 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 3-6 km/h is predicted in north-easterly direction.

General Advisory

- Looking to the prevailing cold weather condition, farmers are advised to apply light, protective irrigation to the crops to protect them from cold.
- Restrict application of nitrogenous fertilizers during cold wave conditions.
- Increase protein level and minerals in the feed concentrate to keep the animals healthy to cope up with the cold condition.
- To protect the fruit and vegetable crops from cold, farmers should use polythene or straw as mulching materials and ensue soil as moist.

SMS Advisory

- Farmers are advised to proper precautions while conducting agricultural operations and make provision to keep animals in shed with proper ventilation facilities to protect them from cold weather.

Crop and livestock Specific Agromet Advisory

Name of the crop	Crop Stage	Agromet Advisories
Rabi Rice	Nursery bed preparation/sowing	<ul style="list-style-type: none"> Nursery seed beds should be prepared in puddled soil of 120 cm wide, 10 cm height and of convenient length with 30 cm gap in between two beds. About 400 m² nursery area is required for transplanting one-acre main field. Before sowing, seed treatment should be done with Carbendazim 50 WP @ 1.5 g/kg of seed or Trichoderma formulation @ 10 g of /kg of seed. 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.
Mustard	Flowering/Pod	<ul style="list-style-type: none"> Past foggy and partly cloudy weather condition is favourable for Aphid

	development	attack in Mustard crop and yield is severely affected by this insect. This insect attack was already observed in some farmers fields so it is advised to spray Acetamiprid 20% SP @ 0.3-0.4g (as per severity) or Dimethoate 30 EC @ 1.5ml or Thiamethoxam 25 WG @ 0.3g per liter of water under clear weather condition.
Cole crop (Cabbage, Cauliflower, Broccoli etc.)	Vegetative Stage/ Fruiting	<ul style="list-style-type: none"> • Straw can be used as mulching material in vegetable crops to maintain moisture as well as soil temperature in field. Light and frequent irrigation should be provided to crop to protect them from cold. • Regular monitoring against the attack of Diamond back moth in cole crops should be advised. If attack observed then spraying of neem oil @ 5 ml per liter of water should be advised at initial stage. In severe case, farmer should use Spinosad 45% SC @ 0.4ml or Rynaxypyr @ 0.3ml or Emamectin Benzoate @ 0.4 g per liter water to control this insect.
Chilli	Vegetative / Flowering/ Fruiting stage	<ul style="list-style-type: none"> • Past weather condition favoured sucking insect (Thrip, Aphid etc.) attack in vegetable crops. If leaf curl disease was observed due to sucking insect pest attack, initially spray 5 ml of neem based insecticide mixed in one liter of water. If still persist, then spraying of Spinosad 45% SC @ 0.4 ml or Fipronil 5% SC @ 2 ml per liter of water at an interval of 7-10 days should be advised.
Cows and Buffalos		<ul style="list-style-type: none"> • 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. 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).

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- For better agricultural benefits, use **OUAT KALINGA** products (Seedling, Sapling & QPM, Tissue Culture Plants, Fruits and Vegetables, Value Added Products, Fingerling/Yearlings, Poultry chicks, Breeds, Mushroom & Spawn, Bio-Fertilizer, Bio-Pesticides, Vermi & Vermicompost and Farm Implements.)
- IMD Weather forecast and Agro-meteorological advisory of Odisha location is now available on **MEGHDOOT mobile app** (<https://play.google.com/store/apps/details?id=com.aas.meghdoot>) in both English and Odia languages and farmers can also use **DAMINI mobile app** (<https://play.google.com/store/apps/details?id=com.lightening.live.damini>) for thunderstorm and lightning information and **MAUSAM app** for location specific forecast and warning.