



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



No. 104 (English Bulletin)

Week no - 52

Date: 30.12.2025

West Central Table Land Zone

District-Sambalpur

Weather forecast for next 5 days

Date	31-12-2025	01-01-2026	02-01-2026	03-01-2026	04-01-2026
Rainfall (mm)	0	0	0	0	0
Max Temperature (° C)	28	28	28	29	29
Min Temperature (°C)	11	11	12	12	12
Total cloud cover (okta)	3	4	3	2	3
Min Relative Humidity (%)	60	62	67	72	72
Max Relative Humidity (%)	21	22	24	27	29
Wind speed (km/h)	2	2	5	4	4
Wind direction (deg)	233	90	360	360	98

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 partly 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 2-5 km/h is predicted in south-westerly, easterly, northerly and south-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.
- Past cold and foggy conditions may lead to increased infestation of certain pests, such as aphids on vegetables, beans, and mustard. High humidity and persistent leaf wetness create a conducive environment for fungal and other diseases. So, its regular monitoring should be advised.
- Where irrigation facilities are available, farmers should complete sowing of short duration rabi crops like Mustard, Chickpea, Groundnut Sesame, Green gram/ Black gram, Cowpea etc. in medium/shallow lowlands utilizing the available soil moisture in the field and also start nursery sowing of Summer Paddy as soon as possible.

SMS Advisory

- Prevailing weather condition is favorable for sucking insect and blight attack in vegetable and other flowering crops, so its regular monitoring should be advised.

Crop and livestock Specific Agromet Advisory

Name of the crop	Crop Stage	Agromet Advisories
Rabi Rice	Field preparation/ Nursery sowing	<ul style="list-style-type: none"> Farmers should start nursery bed preparation for summer/rabi season rice. 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.
Rapeseed/ Mustard	Flowering / Pod formation	<ul style="list-style-type: none"> To protect the mustard crop from cold condition, spraying of dilute Sulphuric Acid @ 0.1% (1 litre H₂SO₄ in 1000 litres of water) or thiourea @ 500 ppm (500 gm thiourea in 1000 litres of water) should be advised. Past weather condition is favourable for aphid and mustard sawfly attack in mustard crop so its regular monitoring should be advised.

Ground nut	Sowing/ Vegetative stage	<ul style="list-style-type: none"> • Past weather condition (cloudy and foggy) is favourable for sucking insect attack in groundnut crop so its regular monitoring should be advised. If attack observed, then at initial stage spraying of Azadiractin or neem-based insecticide 1500 ppm @ 600 ml in 200 liters of water per acre. • For chemical management, apply 40 grams of thiamethoxam or 80 grams of Emamectin benzoate per acre in 200 liters of water.
Cole crop	Vegetative Stage/ Fruiting	<ul style="list-style-type: none"> • Straw can be used as mulching material in vegetable crops to soil maintain moisture as well as soil temperature in field. • 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 or Emamectin Benzoate @ 0.4 g per liter water should be advised. • Harvesting of matured crops as well as one light irrigation in crops which are in vegetative growth stage should be advised because dry weather is expected in upcoming week.
Chilli	Vegetative stage	<p>Leaf curl disease:</p> <ul style="list-style-type: none"> • Symptoms: 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. • Management: 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. • Spraying should not be done during foggy weather.
Cows and Buffalos		<ul style="list-style-type: none"> • 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). • 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. • Vaccination and deworming should be done to control different harmful diseases and stomach worms.
Poultry		<ul style="list-style-type: none"> • In Poultry, keep the chicks warm by providing artificial light in the poultry sheds. • The drinking water should be maintained at suitable temperature to promote water intake.

Ms. Jubuli Sahu Junior Agrometeorologist, GKMS, RRTTS, Chiplima	Dr. Sanjukta Mohapatra ADR & Nodal Officer RRTTS, Chiplima
--	---

- 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.