



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



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Week no-50

Date: 15.12.2023

West Central Table Land Zone

Sambalpur

According to medium range weather forecast of IMD, MC, Bhubaneswar, the chance of occurrence of rainfall is very less but clear to partly cloudy sky is expected during the upcoming days. The maximum and minimum temperature is likely to be ranges between 26-28°C and 12-14°C respectively during this week. The maximum and minimum relative humidity may vary between 48-63% and 21-31% respectively. The wind speed of 4-6 km/hr is predicted from E/NE/SE direction during the upcoming days.

Date	16-12-2023	17-12-2023	18-12-2023	19-12-2023	20-12-2023
Rainfall (mm)	0	0	0	0	0
Max Temperature (° C)	26	27	27	28	28
Min Temperature (°C)	13	14	14	13	12
Total cloud cover (okta)	0	0	2	3	4
Max Relative Humidity (%)	61	63	62	53	48
Min Relative Humidity (%)	31	29	30	30	21
Wind speed (km/h)	4	4	5	6	6
Wind direction (deg)	90	79	77	105	68

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

General Advisory

- There is a chance of decrease in minimum temperature in upcoming days so farmers are advised to make provision to protect their crops as well as animals from cold condition. There is no chance of rainfall but partly cloudy sky is expected during upcoming week which may cause sucking pest and some disease infestation in standing crop so its regular monitoring should be advised.
- Farmers those are using android mobile, are advised to use **Meghdoot** app for location specific weather forecast and agromet advisories and **Damini** app for early information about thunderstorm and lightning.

Crop and livestock Specific Agromet Advisory

Name of the crop	Crop Stage	Agromet Advisories
Paddy	Maturity/ Harvesting/ Sowing of rabi paddy	<ul style="list-style-type: none"> • Harvesting of matured paddy crop should be advised as soon as possible to avoid any further damage due to adverse weather condition. • Farmers should start nursery sowing for rabi paddy cultivation where irrigation facility is available because there is very less chance of rainfall in upcoming week.
Vegetable crops (Brinjal, Tomato, Potato, Chilli, Cole crops etc.)	Sowing / planting / Vegetative stage	<ul style="list-style-type: none"> • Farmers should use straw or polythene as a mulching material to maintain soil temperature in newly planted vegetable crops because fall in temperature is expected during upcoming week. Farmers should start planting of new vegetable seedling in moist soil and conduct spraying operation when sky is clear. • Looking to the decreasing trend of temperature monitoring against blight disease should be advised in case of Tomato and Potato.
Green Gram and Black Gram	Sowing / Vegetative stage	<ul style="list-style-type: none"> • Sowing of green gram and black gram should be advised in moist soil.
Animal		<ul style="list-style-type: none"> • Farmers are advised to keep the animal shed clean and dry to avoid disease and insect

Husbandry (Cow and Buffalo)	<p>attack and also provide mineral mixture along with fresh clean drinking water to the animal and make proper provision to protect the animal from cold (if possible use jute bag to cover the animal and straw as bedding material) because decrease in temperature is expected during upcoming week.</p> <ul style="list-style-type: none"> • Vaccination against FMD, HS and BQ should be advised and keep diseased animal in separate room away from healthy animal to avoid spreading of diseases.
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<p>Ms. Jubuli Sahu Junior Agrometeorologist, GKMS, RRTTS, Chiplima</p>	<p>Dr. Sanjukta Mohapatra ADR & Nodal Officer RRTTS, Chiplima</p>
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IMD Weather forecast and Agro-meteorological advisory of Odisha location is now available on **MEGHDOOT mobile app** in both English and Odia languages.



(<https://play.google.com/store/apps/details?id=com.aas.meghdoot>)

Farmers can also use **DAMINI mobile app** for thunderstorm and lightning information.



(<https://play.google.com/store/apps/details?id=com.lightening.live.damini>)