



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



No.99 (English Bulletin)

Week no-50

Date: 12.12.2023

West Central Table Land Zone

Bargarh

According to medium range weather forecast of IMD, MC, Bhubaneswar, no rainfall is expected during the upcoming 5 days. The maximum and minimum temperature is likely to be ranges between 26^oC and 13-15^oC respectively during this week. The maximum and minimum relative humidity may vary between 51-63% and 24-33% respectively. The wind speed of 4-6 km/hr is predicted from ESE/ENE/NNE direction during the upcoming days.

Date	13-12-2023	14-12-2023	15-12-2023	16-12-2023	17-12-2023
Rainfall (mm)	0	0	0	0	0
Max Temperature (° C)	26	26	26	26	26
Min Temperature (° C)	15	14	14	14	13
Total cloud cover (okta)	3	2	1	0	0
Max Relative Humidity (%)	61	63	58	53	51
Min Relative Humidity (%)	33	32	31	26	24
Wind speed (km/h)	4	5	6	5	5
Wind direction (deg)	112	68	27	71	63

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	<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.
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 Husbandry (Cow and Buffalo)		<ul style="list-style-type: none"> • Farmers are advised to keep the animal shed clean and dry to avoid disease and insect 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.

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| | <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>)