



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



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Week no-48

Date: 01.12.2023

West Central Table Land Zone

Sambalpur

According to medium range weather forecast of IMD, MC, Bhubaneswar, light rainfall along with partly to generally cloudy sky is expected during the upcoming days. The maximum and minimum temperature is likely to be ranges between 28-32⁰C and 19-21⁰C respectively during this week. The maximum and minimum relative humidity may vary between 74-92% and 34-84% respectively. The wind speed of 7-8 km/hr is predicted from NE/SE direction during the upcoming days.

Date	02-12-2023	03-12-2023	04-12-2023	05-12-2023	06-12-2023
Rainfall (mm)	0	0	0	2	5
Max Temperature (° C)	32	32	31	30	28
Min Temperature (°C)	19	19	20	21	21
Total cloud cover (okta)	3	4	5	6	6
Max Relative Humidity (%)	74	78	75	89	92
Min Relative Humidity (%)	34	36	39	49	84
Wind speed (km/h)	7	8	8	8	8
Wind direction (deg)	77	103	77	72	68

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

General Advisory

- As per ERFs model of IMD, above normal rainfall is expected during 06.12.2023 to 12.12.2023 so farmers are advised to take precautionary measures for their crop accordingly. Looking to the dry weather condition in upcoming two days, farmers are advised to conduct harvesting and spraying operation in those days and keep their harvested produce in safe place because rainfall is expected after that. Cloudy condition along with moderate to high wind speed may increase the cold in upcoming days so frequent light irrigation should be advised in case of vegetable crops.
- 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"> In case of crop having its maturity stage (85% or more of grains in panicles get matured) are advised to conduct harvesting operation before 3rd Dec. and keep their harvested produce in safe place to avoid damage due to adverse weather which will be expected between 4th to 6th Dec..
Vegetable crops (Brinjal, Chilli, Cole crops etc.)	Sowing / planting / Vegetative stage	<ul style="list-style-type: none"> Farmers should start planting of Cole crops like cabbage, cauliflower, broccoli etc. and use straw or polythene as a mulching material to maintain moisture as well as soil temperature in newly planted vegetable crops. Prevailing weather condition is favourable for incidence of diamond back moth in Cole crops so farmers should use pheromone trap in field to monitor insect attack. Farmers should conduct spraying operations in upcoming two days because rainfall along with high wind speed is expected after 3rd Dec.
Animal Husbandry		<ul style="list-style-type: none"> Farmers are advised to keep the animal shed clean and dry to avoid disease and insect attack and provide fresh clean drinking water to the animal and make proper provision

(Cow and Buffalo)	<p>to protect the animal from cold as well as direct contact of rain because rainfall along with decrease in maximum 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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Note: As per the special bulletin issued by MC, Bhubaneswar on dated:-1st Dec. 2023, “Well Marked Low Pressure Area concentrated into a Depression over Southeast adjoining Southwest Bay of Bengal (Pre-Cyclone Watch: Yellow Message).”

This depression is likely to continue to move west-northwestwards, intensify into a Deep Depression by 2nd and further into a Cyclonic Storm over Southwest Bay of Bengal around 3rd December. Thereafter, it would move northwestwards and cross South Andhra Pradesh and adjoining North Tamil Nadu coast between Chennai and Machilipatnam around evening of 4th December as a **Cyclonic Storm**.

Under the influence of above mentioned condition light to moderate rain/ thundershower very likely to occur at one or two places during 04.12.2023 to 05.12.2023 and at many places during 05.12.2023 to 06.12.2023 over the **Sambalpur** district.

<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>)