



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



No.97 (English Bulletin)

Week no-49

Date: 05.12.2023

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 27-30°C and 16-21°C respectively during this week. The maximum and minimum relative humidity may vary between 89-97% and 60-88% respectively. The wind speed of 4-8 km/hr is predicted from NE/SE direction during the upcoming days.

Date	06-12-2023	07-12-2023	08-12-2023	09-12-2023	10-12-2023
Rainfall (mm)	7	7	2	0	0
Max Temperature (° C)	27	27	29	30	30
Min Temperature (° C)	21	21	20	18	16
Total cloud cover (okta)	6	6	5	4	3
Max Relative Humidity (%)	96	97	97	95	89
Min Relative Humidity (%)	88	87	87	80	60
Wind speed (km/h)	8	8	6	5	4
Wind direction (deg)	68	68	66	30	191

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

General Advisory

- Looking to the prevailing rainfall and high wind speed condition in upcoming two to three days, farmers are advised to avoid irrigation, harvesting and spraying operations in those days and keep their harvested produce in safe place. Minimum temperature is expected to be decreased in upcoming days along with moderate to high wind speed which may increase the cold in upcoming days so farmers are advised to make provision to protect their crops as well as animals from cold.
- 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 wait some days for harvesting operation and keep their already harvested produce in safe place because rainfall along with high wind speed is expected during upcoming two to three days.
Vegetable crops (Brinjal, 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 moisture as well as soil temperature in newly planted vegetable crops. Farmers should avoid irrigation and wait to conduct spraying operations in upcoming two days because rainfall along with high wind speed is expected in those days
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 provide fresh clean drinking water to the animal and make proper provision 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. 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.
--

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

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** 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>)