



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



No.09 (English Bulletin)

Week no-05

Date: 30.01.2024

**West Central Table Land Zone**

**Sambalpur**

According to medium range weather forecast of IMD, MC, Bhubaneswar, there is very less chance of occurrence of rainfall along with partly to generally cloudy sky is expected during upcoming days. The maximum and minimum temperature is likely to be ranges between 26-28°C and 14-16°C respectively during this week. The maximum and minimum relative humidity may vary between 36-72% and 16-27% respectively. The south westerly/ westerly wind with a speed of 6-9 km/hr is predicted during upcoming days.

Date	31-01-2024	01-02-2024	02-02-2024	03-02-2024	04-02-2024
Rainfall (mm)	0	0	0	0	0
Max Temperature (° C)	28	28	26	26	27
Min Temperature (° C)	15	15	16	14	14
Total cloud cover (okta)	2	4	6	0	0
Max Relative Humidity (%)	67	72	71	52	36
Min Relative Humidity (%)	23	26	27	21	16
Wind speed (km/h)	6	7	7	9	7
Wind direction (deg)	244	153	248	291	68

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

**General Advisory**

- As per extended range forecast of IMD, rainfall is below normal, maximum and minimum temperature is expected to be normal for Odisha during 04.02.2024 to 10.02.2024 and the minimum (night) temperature is likely to be increased by 2-3 deg. cent. in upcoming days so looking to the dry weather condition along with increase in minimum temperature in upcoming week farmers are advised to make provision to irrigate their crop as per requirement as well as start sowing (nursery) for summer vegetable cultivation. Spraying operations should be done when sky is clear because foggy condition in morning hours along with partly cloudy is expected in 1<sup>st</sup> half of this week.

**Crop and livestock Specific Agromet Advisory**

Name of the crop	Crop Stage	Agromet Advisories
<b>Paddy (Rabi)</b>	<b>Nursery management/ Transplanting</b>	<ul style="list-style-type: none"> <li>Farmers are advised to complete the nursery sowing of some of the recommended rice varieties (rabi season) i.e. Swarna, 1001, MTU-1156 etc. by the end of this month and also start transplanting of 21-25 days old seedlings in already prepared field.</li> </ul>
<b>Mustard</b>	<b>Flowering stage/ Pod formation (Siliqua)</b>	<ul style="list-style-type: none"> <li>To control aphid and mustard sawfly attack in mustard crop, spraying of Imidachlorprid @ 0.3 ml or Thiamethoxam @ 0.3 g and Chlorpyrifos @ 2 ml per liter of water respectively should be advised under clear weather condition.</li> </ul>
<b>Groundnut</b>	<b>Vegetative stage</b>	<ul style="list-style-type: none"> <li>Spraying of Imazethapyr @ 3 ml/ltr of water should be advised within 15 days old crop.</li> </ul>
<b>Tomato, Brinjal, Chilli</b>	<b>Flowering stage/ Fruiting</b>	<ul style="list-style-type: none"> <li>To control leaf eating caterpillar and fruit borer/shoot and fruit borer in Tomato and Brinjal, spraying of Emamectin Benzoate @ 0.4 g per liter of water should be advised under clear weather condition.</li> </ul>
<b>Tomato</b>	<b>Sowing / Vegetative</b>	<ul style="list-style-type: none"> <li>Farmers should start sowing of tomato seed for summer cultivation in nursery bed because prevailing temperature suitable for germination of seed. One hoeing and weeding operation should be advised in case of crop having vegetative growth stage.</li> </ul>

<b>Animal Husbandry (Cow and Buffalo)</b>	<ul style="list-style-type: none"> <li>Farmers are advised to keep the animal shed clean and dry to avoid disease and insect attack and also provide mineral mixture, jaggery etc. along with fresh clean drinking water to the animal and make proper provision (if possible use jute/gunny bags to cover the animal as well as animal shed and straw as bedding material) to protect the animal from cold.</li> </ul>
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<p align="center"><b>Ms. Jubuli Sahu</b>  <b>Junior Agrometeorologist,</b>  <b>GKMS, RRTTS, Chiplima</b></p>	<p align="center"><b>Dr. Sanjukta Mohapatra</b>  <b>ADR &amp; Nodal Officer</b>  <b>RRTTS, Chiplima</b></p>
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