



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



No.06 (English Bulletin)

Week no-03

Date: 19.01.2024

**West Central Table Land Zone**

**Bargarh**

According to medium range weather forecast of IMD, MC, Bhubaneswar, there is a chance of occurrence of very light to light rainfall along with partly cloudy to overcast sky is expected during upcoming week. The maximum and minimum temperature is likely to be ranges between 25-27<sup>0</sup>C and 16-19<sup>0</sup>C respectively during this week. The maximum and minimum relative humidity may vary between 53-76% and 31-48% respectively. The easterly/ northerly/ south westerly wind with a speed of 5-7 km/hr is predicted during upcoming days.

Date	20-01-2024	21-01-2024	22-01-2024	23-01-2024	24-01-2024
Rainfall (mm)	5	0	2	5	10
Max Temperature (°C)	27	27	26	25	25
Min Temperature (°C)	19	18	17	17	16
Total cloud cover (okta)	8	4	5	7	8
Max Relative Humidity (%)	62	69	53	53	76
Min Relative Humidity (%)	42	31	36	31	48
Wind speed (km/h)	7	6	7	6	5
Wind direction (deg)	62	105	292	112	245

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 and below normal respectively for Odisha during 24.01.2024 to 30.01.2024 so farmers are advised to make provision to protect their crop as well as animal from cold weather.
- Decrease in temperature, cloudy weather along with very light to light rainfall is expected during upcoming week so any type of spraying operations and fertilizer application should be avoided during that period.
- Prevailing weather condition (foggy and cloudy) is favourable for Mealy bug, Aphid and other sucking pest infestation in fruit, vegetable, flower and oilseed crops so farmers are advised to make provision to protect their crops from these insects and take proper protective as well as preventive measures accordingly.

**Crop and livestock Specific Agromet Advisory**

Name of the crop	Crop Stage	Agromet Advisories
<b>Paddy (Rabi)</b>	<b>Nursery sowing and management</b>	<ul style="list-style-type: none"> <li>• Nursery sowing of some of the recommended rice varieties (rabi season) i.e. Swarna, 1001, MTU-1156 etc. should be completed at the end of January but lowering in minimum temperature is expected in upcoming days so farmers are advised to apply well decomposed FYM on wet bed after sowing of seed to keep it warm.</li> <li>• Seed treatment with Carbendazim (Bavistin) @ 2 g per kg of paddy seed should be advised before sowing in the nursery bed and during bed preparation, bed should be treated with any granular insecticides before sowing of seed.</li> </ul>
<b>Mustard</b>	<b>Flowering stage</b>	<ul style="list-style-type: none"> <li>• To control aphid and mustard sawfly attack in mustard crop, spraying of Imidachlorprid @ 0.3ml or Thiamethoxam @ 0.3g and Chlorpyriphos @ 2ml per liter of water respectively should be advised. Spraying should be avoided in upcoming week because cloudy and foggy weather is expected that period.</li> </ul>
<b>Groundnut</b>	<b>Sowing/</b>	<ul style="list-style-type: none"> <li>• Seed treatment with Carbendazim @ 2-2.5 g/kg seed before sowing</li> </ul>

	<b>Vegetative stage</b>	and with Rhizobium culture @ 20 g per kg of seed at the time of sowing. Spraying of Imazethapyr @ 3 ml/ltr of water should be advised within 15 DAS.
<b>Brinjal, Tomato and Potato</b>	<b>Flowering stage/ Fruiting</b>	<ul style="list-style-type: none"> <li>To control late/early blight infestation in Tomato and Potato, farmers should use Metalaxyl + Mancozeb @ 2.5 g per liter of water as preventive as well as protective measure against this disease.</li> <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 after two to three days when sky is clear.</li> </ul>
<b>Cole crops</b>	<b>Curd/Head formation</b>	<ul style="list-style-type: none"> <li>To control Diamond Back Moth in Cauliflower spraying of Spinosad 45 SC @ 0.5 ml or Fipronil 5% SC @ 2ml or Neem oil @ 5ml per liter of water should be advised under clear weather condition.</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 in their daily ration 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>
<b>Poultry</b>		<ul style="list-style-type: none"> <li>In Poultry, keep the chicks warm by providing artificial light in the poultry sheds because decrease in minimum temperature is expected during this week.</li> </ul>

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

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>)