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Date: 09.01.2024

**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 clear to clear sky is expected during upcoming week. The maximum and minimum temperature is likely to be ranges between 27-28<sup>o</sup>C and 15-17<sup>o</sup>C respectively during this week. The maximum and minimum relative humidity may vary between 38-68% and 14-32% respectively. The wind speed of 5-7 km/hr is predicted from NE/SE/S direction during the upcoming days.

| Date                      | 10-01-2024 | 11-01-2024 | 12-01-2024 | 13-01-2024 | 14-01-2024 |
|---------------------------|------------|------------|------------|------------|------------|
| Rainfall (mm)             | 0          | 0          | 0          | 0          | 0          |
| Max Temperature (° C)     | 27         | 28         | 28         | 27         | 27         |
| Min Temperature (°C)      | 17         | 17         | 16         | 15         | 15         |
| Total cloud cover (okta)  | 2          | 2          | 0          | 0          | 0          |
| Max Relative Humidity (%) | 68         | 64         | 65         | 42         | 38         |
| Min Relative Humidity (%) | 29         | 29         | 32         | 24         | 14         |
| Wind speed (km/h)         | 5          | 5          | 7          | 6          | 6          |
| Wind direction (deg)      | 75         | 117        | 68         | 112        | 180        |

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

**General Advisory**

- Past weather condition is favourable for aphid and other sucking pest infestation in fruit, vegetable 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. There is no chance of rainfall in upcoming week days so farmers are advised to conduct any types of agricultural operations during that period when sky is clear.
- As per extended range forecast of IMD, rainfall is normal, maximum and minimum temperature is also expected to be normal for Odisha during 14.01.2024 to 20.01.2024.

**Crop and livestock Specific Agromet Advisory**

| Name of the crop  | Crop Stage                                    | Agromet Advisories   |
|---|---|--|
| <b>Paddy</b>  | <b>Storage</b>                                | <ul style="list-style-type: none"> <li>• For safe storage, paddy grains need to be dried to below 14% and should be dried to below 12% moisture content for seed purpose. The ideal moisture content is between 12-14% for milling. Paddy should be stored in godown after proper cleaning and make provision to avoid damage due to stored grain pest, rat, mites etc.</li> </ul>   |
| <b>Vegetable crops (Brinjal, Tomato, Potato, Chilli, Cole crops etc.)</b> | <b>Vegetative / Flowering stage/ Fruiting</b> | <ul style="list-style-type: none"> <li>• Farmers should use straw or polythene as a mulching as well as covering material to maintain soil temperature as well as moisture in crop field and also protect the crops from cold.</li> <li>• Prevailing weather condition is favourable for late blight infestation in Tomato and Potato so farmers should use Metalaxyl + Mancozeb @ 2.5 g per liter of water as preventive as well as protective measure against this disease. If possible, use 3 gram Trichoderma per kg of seed during seed/seedling treatment to avoid wilt disease in vegetable crops.</li> </ul> |
| <b>Mustard</b>  | <b>Flowering stage</b>                        | <ul style="list-style-type: none"> <li>• Past foggy weather condition is favourable for aphid and mustard sawfly attack in mustard crop so its regular monitoring should be</li> </ul>   |

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|---|--|---|
|   |  | advised. If attack noticed, then spraying of Imidachlorprid @ 0.33ml or Thiamethoxam @ 0.3g per liter of water for aphids and Chlorpyrifos @ 0.5 ml per liter of water for control of mustard saw fly at initial stage of attack. |
| <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 because decrease in minimum temperature is expected during this week.</li> </ul> |   |

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