



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



No.05 (English Bulletin)

Week no-03

Date: 16.01.2024

**West Central Table Land Zone**

**Sambalpur**

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 to generally cloudy sky is expected during upcoming days. The maximum and minimum temperature is likely to be ranges between 27-29<sup>0</sup>C and 12-14<sup>0</sup>C respectively during this week. The maximum and minimum relative humidity may vary between 71-92% and 32-64% respectively. The easterly/south easterly wind with a speed of 6-7 km/hr is predicted during upcoming days.

Date	17-01-2024	18-01-2024	19-01-2024	20-01-2024	21-01-2024
Rainfall (mm)	0	2	4	0	2
Max Temperature (° C)	28	28	27	27	29
Min Temperature (° C)	14	13	13	12	14
Total cloud cover (okta)	2	4	6	2	2
Max Relative Humidity (%)	92	92	79	71	82
Min Relative Humidity (%)	34	35	64	32	32
Wind speed (km/h)	7	7	6	7	6
Wind direction (deg)	109	135	75	105	124

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

**General Advisory**

- As per extended range forecast of IMD, rainfall is normal, maximum and minimum temperature is also expected to be normal for Odisha during 21.01.2024 to 27.01.2024 and there is a chance of occurrence of very light to light rainfall in first half of upcoming week so farmers are advised to avoid any types spraying operations during that period and keep their produce in safe places to avoid the damage due to upcoming adverse weather condition.
- Prevailing weather condition is favourable for Mealy bug, 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. Farmer should start nursery sowing for summer vegetable cultivation.

**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>Seed treatment with Carbendazim (Bavistin) @ 2 g per kg of paddy seed should be advised to the farmers before sowing in the nursery bed. During nursery bed preparation, bed should be treated with any recommended insecticides before sowing of seed.</li> <li>Decrease 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 and wait two days for irrigation in nursery because light rainfall is expected in some places during first half of upcoming five days.</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 Imidachlorpid @ 0.3ml or Thiamethoxam @ 0.3g and Chlorpyrifos @ 0.5-2ml (as per severity of attack) per liter of water respectively should be advised after two to three days of this week.</li> </ul>

<b>Groundnut</b>	<b>Sowing/ Vegetative stage</b>	<ul style="list-style-type: none"> <li>Seed treatment with Carbendazim @ 2-2.5 g/kg seed before sowing 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.</li> </ul>
<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 per liter of water should be advised under clear weather condition. If possible, use pheromone trap to control this insects.</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 because decrease in minimum temperature is expected during this week.</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.</li> </ul>

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