



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



No.18 (English Bulletin)

Week no-09

Date: 01.03.2024

**West Central Table Land Zone**

**Sonepur**

According to medium range weather forecast of IMD, MC, Bhubaneswar, there is no chance of occurrence of rainfall along with clear to partly cloudy sky is expected during that period. The maximum and minimum temperature is likely to be ranges between 33-34<sup>0</sup>C and 20-21<sup>0</sup>C respectively during this week. The maximum and minimum relative humidity may vary between 31-61% and 14-24% respectively. The SE/SW/NW/NE wind with a speed of 7-10 km/hr is predicted during upcoming days.

Date	02-03-2024	03-03-2024	04-03-2024	05-03-2024	06-03-2024
Rainfall (mm)	0	0	0	0	0
Max Temperature (° C)	33	34	34	33	33
Min Temperature (°C)	20	20	20	21	21
Total cloud cover (okta)	0	1	4	1	4
Max Relative Humidity (%)	35	31	42	61	41
Min Relative Humidity (%)	14	14	20	24	19
Wind speed (km/h)	7	8	9	10	7
Wind direction (deg)	135	236	281	108	75

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

**General Advisory**

- As per extended range forecast of IMD, rainfall is below normal, both maximum and minimum temperature is expected to be normal for Odisha during 06.03.2024 to 12.03.2024 so looking to the dry weather condition in next week farmers are advised to make provision for proper irrigation.
- Farmers are advised to start sowing or nursery for cultivation of summer vegetables like cucurbits, okra etc. with proper irrigation system.
- Prevailing weather condition (dry weather along with periodic cloudy) is favourable for increasing the population of different diseases and insects in crop field so its regular monitoring should be advised.

**Crop and livestock Specific Agromet Advisory**

Name of the crop	Crop Stage	Agromet Advisories
Rice	DAT/ Tillering	<ul style="list-style-type: none"> <li>• Application of granular herbicide Bensulfuron-methyl @ 4 kg/ acre + Pretilachlor at 5-8 days after transplanting or spraying of Pyrazosulfuron-ethyl 10 WP @ 5 g/10 ltrs of water at 3-5 DAT or Bispyribac sodium @ 120 ml by mixing with 140 liters of water per acre at 10-15 DAT should be advised under clear weather condition.</li> <li>• First top dressing of Urea fertilizer should be advised in rice plant.</li> </ul>
Green Gram/ Black Gram (Summer)	Vegetative stage	<ul style="list-style-type: none"> <li>• Current weather condition is favourable for aphids attack in pulse crop so its regular monitoring should be advised. If attack observe, then spraying of imidacloprid @ 0.3 ml or Thiamethoxam @ 0.3 g per liter of water should be advised.</li> <li>• Yellow mosaic virus (transmitted through white fly) attack symptoms is observed in some farmers field so to control this insect spraying of Acetamiprid 20% SP @ 40 g/acre in 200-250 liters of water should be advised under clear sky.</li> </ul>
Sesame	Vegetative stage	<ul style="list-style-type: none"> <li>• First hoeing, weeding and thinning should be done at 15 days stage. Thinning should be done to keep the plants about 10cm apart. Top dressing of urea fertilizer should be advised at this stage under</li> </ul>

		<p>adequate soil moisture condition.</p> <ul style="list-style-type: none"> <li>4-5 leaf stage is the critical stage of irrigation in sesame so farmers are advised to maintain adequate moisture in field at this stage.</li> </ul>
<b>Mustard</b>	<b>Harvesting / Drying</b>	<ul style="list-style-type: none"> <li>Farmers are advised to start harvesting operations in mustard field and also store it in safe place after proper sun drying.</li> </ul>
<b>Mango</b>	<b>Flowering / Mustard size fruit</b>	<ul style="list-style-type: none"> <li>To control mango hopper in Mango tree, spraying of insecticides like Acephate (1g/L) or Chloropyriphos (0.5 ml/L) or Thiomethoxam (0.3-0.4 g/L) should be advised. During full flowering, spray of insecticides should be avoided because this may reduce population of beneficial insects which help in pollination.</li> <li>To control powdery mildew disease in mango, spraying of soluble sulphur (2 g/ L) should be advised during clear weather condition.</li> <li>To increase fruit size KNO<sub>3</sub> 2% at mustard size fruit stage should be applied.</li> </ul>
<b>Okra, Tomato and Brinjal</b>	<b>Vegetative/ Flowering / Fruiting</b>	<ul style="list-style-type: none"> <li>To control leaf eating caterpillar and fruit borer/shoot and fruit borer in Okra, Tomato and Brinjal, spraying of Emamectin Benzoate @ 0.4 g per liter of water should be advised under clear weather.</li> </ul>
<b>Cow/ Buffalo</b>		<ul style="list-style-type: none"> <li>Vaccination against FMD, HS and BQ should be advised. Farmers are advised to keep the animal shed clean and dry to avoid disease and insect attack and also make provision to provide fresh clean drinking water to the animal because temperature is expected to be increased in upcoming days.</li> </ul>

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