



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



No.20 (English Bulletin)

Week no-10

Date: 07.03.2024

**West Central Table Land Zone**

**Sonepur**

According to medium range weather forecast of IMD, MC, Bhubaneswar, there is a chance of occurrence of very light rainfall along with partly to generally cloudy sky is expected at the beginning of upcoming week. The maximum and minimum temperature is likely to be ranges between 35-39<sup>0</sup>C and 21-23<sup>0</sup>C respectively during this week. The maximum and minimum relative humidity may vary between 49-76% and 16-26% respectively. The NW/SE/E wind with a speed of 6-9 km/hr is predicted during upcoming days.

Date	08-03-2024	09-03-2024	10-03-2024	11-03-2024	12-03-2024
Rainfall (mm)	3	0	0	0	0
Max Temperature (° C)	35	36	36	37	39
Min Temperature (° C)	23	22	21	21	21
Total cloud cover (okta)	5	1	2	0	0
Max Relative Humidity (%)	53	76	75	71	49
Min Relative Humidity (%)	26	17	18	16	16
Wind speed (km/h)	9	9	8	7	6
Wind direction (deg)	292	71	75	112	154

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

**General Advisory**

- 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.
- Animal should be placed in Shade house with adequate ventilation facilities to protect them from increasing temperature.

**Crop and livestock Specific Agromet Advisory**

Name of the crop	Crop Stage	Agromet Advisories
<b>Rice</b>	<b>DAT/ Tillering</b>	<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. To control yellow stem borer, spraying of Chlorantraniliprole 18.5% SC @ 0.3ml or Fipronil 5% @ 2.5ml per liter of water should be advised.</li> </ul>
<b>Green Gram/ Black Gram (Summer)</b>	<b>Vegetative stage</b>	<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 observed, 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>

<b>Maize</b>	<b>Vegetative stage</b>	<ul style="list-style-type: none"> <li>To control stem borer in Maize field, spraying of Fipronil 5% SC or Profenophos 50% EC @ 2ml and for fall army worm, Emamectin Benzoate @ 0.4 g per liter of water should be advised.</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>Mustard/ Pea 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.</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> <li>Spraying of Planofix @ 1ml/4.5 liters of water should be advised at Mango with pea size fruit stage to reduce fruit drops.</li> </ul>
<b>Tomato and Brinjal</b>	<b>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.</li> <li>Early (Alternaria) blight infection is observed in some tomato fields so spraying of Tebuconazole 50% + Trifloxystrobin 25% @ 0.4g per liter water should be advised.</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 along with salt because temperature is expected to be increased in upcoming days.</li> </ul>

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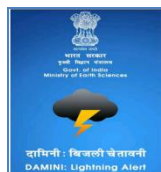
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