



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



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Week no-07

Date: 13.02.2024

**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 to light rainfall in upcoming days along with partly cloudy to overcast sky is expected during this week. The maximum and minimum temperature is likely to be ranges between 29-31<sup>0</sup>C and 16-20<sup>0</sup>C respectively during this week. The maximum and minimum relative humidity may vary between 42-53% and 16-19% respectively. The north easterly/ south easterly wind with a speed of 6-8 km/hr is predicted during upcoming days.

Date	14-02-2024	15-02-2024	16-02-2024	17-02-2024	18-02-2024
Rainfall (mm)	0	0	8	0	0
Max Temperature (° C)	31	30	29	30	31
Min Temperature (° C)	19	19	20	18	16
Total cloud cover (okta)	3	6	8	5	1
Max Relative Humidity (%)	51	47	53	48	42
Min Relative Humidity (%)	19	18	22	18	16
Wind speed (km/h)	7	7	8	7	6
Wind direction (deg)	135	124	68	68	153

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

**General Advisory**

- Light rainfall along with cloudy weather condition is expected in upcoming days, so farmers are advised to wait some days for irrigation as well as spraying operations and also make provision to drain out excess water from fruit and vegetable crop field.
- By taking the advantage of previous rainfall condition and chance of rainfall in upcoming days, farmers are advised to start sowing (nursery) for summer vegetable cultivation as well as transplanting of Rice crop.
- Prevailing weather condition is favourable for attack 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	Transplanting	• Transplanting should be advised in case of 21 to 25 days or above old seedlings. 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 @ 8 ml by mixing with 10 liters of water at 10-15 DAT should be advised for weed control.
Green Gram/ Black Gram	Flowering stage	• Farmers are advised to drain out excess water from field to avoid water logged condition due to past rainfall condition. • 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.
Sesame	Sowing	• Sowing of Sesame crop should be advised with a seed rate @ 2-2.5 kg seeds per acre. Before sowing, seed treatment should be done with 2g Carbendazim (Bavistin) and due to small seed size it should be mixed with dry sand during sowing in line.

<b>Groundnut</b>	<b>Vegetative stage</b>	<ul style="list-style-type: none"> <li>• Spraying of Imazethapyr @ 3 ml/liter of water should be advised within 15 days of sowing but due to chance of occurrence of rainfall in upcoming days farmers should wait some days for spraying.</li> </ul>
<b>Tomato, Brinjal, Chilli</b>	<b>Flowering / 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 after occurrence of rainfall.</li> <li>• If white fly attack is observed in case Tomato and Brinjal, spraying of Thiamethoxam @ 0.3 g per liter of water should be advised under clear weather condition.</li> </ul>
<b>Tomato</b>	<b>Sowing / Vegetative</b>	<ul style="list-style-type: none"> <li>• Farmers should start sowing of tomato seed for summer cultivation in nursery bed because prevailing temperature suitable for germination of seed. Farmers should wait for hoeing and weeding operation in case of crop having vegetative growth stage because of past rainfall events.</li> </ul>

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