



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



No.12 (English Bulletin)

Week no-06

Date: 09.02.2024

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 in upcoming days along with partly clear to overcast sky is expected during this week. The maximum and minimum temperature is likely to be ranges between 28-31^oC and 15-18^oC respectively during this week. The maximum and minimum relative humidity may vary between 44-64% and 15-25% respectively. The north easterly/ easterly/ south easterly wind with a speed of 6-8 km/hr is predicted during upcoming days.

Date	10-02-2024	11-02-2024	12-02-2024	13-02-2024	14-02-2024
Rainfall (mm)	0	0	10	4	0
Max Temperature (° C)	28	30	29	29	31
Min Temperature (° C)	15	17	18	18	17
Total cloud cover (okta)	0	2	8	7	5
Max Relative Humidity (%)	54	44	46	59	64
Min Relative Humidity (%)	15	18	22	25	25
Wind speed (km/h)	6	6	6	7	8
Wind direction (deg)	68	90	135	135	112

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

General Advisory

- As per Extended Range Forecast of IMD, MC, Bhubaneswar, isolated light rain/ thundershower very likely at one or two places during 9th to 15th February 2024. No large change in minimum temperature and minimum temperature is expected to be slightly above normal at many places over the districts of Odisha during that period. Farmers are advised to start sowing (nursery) for summer vegetable cultivation. Spraying operations should be done within two days and wait to apply irrigation in crop field for some days because there is a chance of cloudy weather along with occurrence of light rainfall in some places thereafter.

Crop and livestock Specific Agromet Advisory

Name of the crop	Crop Stage	Agromet Advisories
Green Gram/ Black Gram	Vegetative/ Flowering stage	<ul style="list-style-type: none"> 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.
Mustard	Flowering stage/ Pod formation	<ul style="list-style-type: none"> To control aphid and mustard sawfly attack in mustard crop, spraying of Imidachlorprid @ 0.3 ml or Thiamethoxam @ 0.3 g and Chloropyriphos @ 2 ml per liter of water respectively should be advised under clear weather condition.
Sesame	Sowing	<ul style="list-style-type: none"> 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.
Groundnut	Vegetative stage	<ul style="list-style-type: none"> 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.
Tomato, Brinjal, Chilli	Flowering / Fruiting	<ul style="list-style-type: none"> To control leaf eating caterpillar and fruit borer/shoot and fruit borer in Tomato and Brinjal, spraying of Emamectin Benzoate @ 0.4 g per

		<p>liter of water should be advised after occurrence of rainfall.</p> <ul style="list-style-type: none"> 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.
Tomato	Sowing / Vegetative	<ul style="list-style-type: none"> Farmers should start sowing of tomato seed for summer cultivation in nursery bed because prevailing temperature suitable for germination of seed. One hoeing and weeding operation should be advised in case of crop having vegetative growth stage.
Animal Husbandry		<ul style="list-style-type: none"> 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 in their daily ration to make them healthy. Keep the healthy animal away from affected animal and make provision to restrict direct entry of rain water to animal shed.

**Forecast for next two weeks (09th February, 2024 to 22nd February, 2024)
(Ref:-IMD, MC, Bhubaneswar dated: 08.02.2024)**

- Isolated light rain/ thundershower very likely at one or two places over the districts of Odisha during the week-1 (9th to 15th February 2024). No large change in minimum temperature during the week-1 (9th to 15th February 2024) and minimum temperature likely to be slightly above normal at many places over the districts of Odisha.
- Mainly dry weather very likely to prevail over the districts of Odisha during week-2 (16th to 22nd February 2024) with isolated light rain/ thundershower likely at one or two places over the districts of north Odisha. Minimum temperature (Night temperature) is likely to be slightly above normal at many places over the districts of Odisha during week-2 (16th to 22nd February 2024).

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