



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



No.10 (English Bulletin)

Week no-05

Date: 02.02.2024

West Central Table Land Zone

Sonepur

According to medium range weather forecast of IMD, MC, Bhubaneswar, there is very less chance of occurrence of rainfall along with clear to partly clear sky is expected during upcoming days. The maximum and minimum temperature is likely to be ranges between 30-31⁰C and 18-19⁰C respectively during this week. The maximum and minimum relative humidity may vary between 41-75% and 17-25% respectively. The south easterly/ south westerly wind with a speed of 5-9 km/hr is predicted during upcoming days.

Date	03-02-2024	04-02-2024	05-02-2024	06-02-2024	07-02-2024
Rainfall (mm)	0	0	0	0	0
Max Temperature (° C)	30	30	30	30	31
Min Temperature (° C)	19	19	18	18	18
Total cloud cover (okta)	2	0	0	0	2
Max Relative Humidity (%)	54	41	49	75	58
Min Relative Humidity (%)	25	21	17	22	22
Wind speed (km/h)	6	5	5	6	9
Wind direction (deg)	202	135	120	252	250

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 07.02.2024 to 13.02.2024. Farmers are advised to start sowing (nursery) for summer vegetable cultivation. Spraying operations should be done during this week because there is a change in weather is expected in next week.

Crop and livestock Specific Agromet Advisory

Name of the crop	Crop Stage	Agromet Advisories
Green Gram/ Black Gram	Vegetative stage	<ul style="list-style-type: none"> Yellow mosaic virus 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 old crop.
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 liter of water should be advised under clear weather condition. 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.

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