



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



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Week no-08

Date: 23.02.2024

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 rainfall in upcoming days along with partly clear to generally cloudy sky is expected during this week. The maximum and minimum temperature is likely to be ranges between 30-35⁰C and 18-20⁰C respectively during this week. The maximum and minimum relative humidity may vary between 57-90% and 18-27% respectively. The NE/ SE wind with a speed of 7-13 km/hr is predicted during upcoming days.

Date	24-02-2024	25-02-2024	26-02-2024	27-02-2024	28-02-2024
Rainfall (mm)	0	0	1	1	3
Max Temperature (° C)	35	33	30	30	30
Min Temperature (° C)	20	20	19	19	18
Total cloud cover (okta)	0	0	6	6	2
Max Relative Humidity (%)	62	90	74	70	57
Min Relative Humidity (%)	18	18	24	27	24
Wind speed (km/h)	8	10	12	13	7
Wind direction (deg)	68	105	115	112	115

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

General Advisory

- There is a chance of occurrence of light rainfall in upcoming days so farmers are advised to wait some days for harvesting of matured rabi crops and keep the already harvested produce in safe place to avoid damage. Farmers should avoid irrigation as well as spraying operation during that period.
- Farmers are advised to start sowing or nursery for cultivation of summer vegetables like cucurbits, okra etc. after rain.
- 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 (Weed Management)	<ul style="list-style-type: none"> • 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 @ 120 ml by mixing with 140 liters of water per acre at 10-15 DAT should be advised under clear weather condition.
Green Gram/ Black Gram	Flowering/ Fruiting stage	<ul style="list-style-type: none"> • Farmers should wait for irrigation in Green/Black Gram because some amount of rainfall is expected in upcoming days. • 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 / Vegetative stage	<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. Recommended

		<p>fertilizer dose for Sasame 30:20:20 NPK kg/ha. Apply full P, K and ½ N as basal and the remaining N at first hoeing and weeding.</p> <ul style="list-style-type: none"> • First hoeing, weeding and thinning should be done at 15 days stage. Thinning should be done to keep the plants about 10cm apart. • 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.
Mustard	Harvesting / Drying	<ul style="list-style-type: none"> • Farmers are advised to keep their harvested produce in safe place and wait some days for conducting harvesting operations.
Mango	Flowering / Mustard size fruit	<ul style="list-style-type: none"> • 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. • To control powdery mildew disease in mango, spraying of soluble sulphur (2 g/ L) should be advised during clear weather condition. • To increase fruit size KNO₃ 2% at mustard size fruit stage should be applied.
Vegetables	Planting / Vegetative stage	<ul style="list-style-type: none"> • Farmers should wait for conduct hoeing and weeding operations for some days and also make provision for adequate drainage because there is a chance of occurrence of rainfall in upcoming days.
Cow/Buffalo		<ul style="list-style-type: none"> • 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 avoid direct entering of rain water to the animal shed.

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