



**Gramin Krishi Mausam Sewa**  
**India Meteorological Department**  
**Odisha University of Agriculture and Technology**  
**Bhubaneswar -751 003**

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Nodal Officer

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**District – Jagatsinghpur (East and South-Eastern Coastal Plain Agroclimatic Zone)**

The mean maximum daily temperature was 32.7°C and mean minimum daily temperature was 24.6°C of the Jagatsinghpur district during the last week. The district received no rainfall during the last seven days. Transplanting of summer paddy is almost completed. Sowing of summer pulses, oilseed and vegetables are also under progress. Harvesting of rabi crops like Mustard, Groundnut, Mung, Biri and Kulthi are continuing. Planting of Sugarcane is under progress. Crop coverage till date is 96 % of the total programme area. Overall crop condition is Normal.

Forecast (Up to 20.03.2024)

Given by Met. Centre, IMD, Bhubaneswar

**DISTRICT: JAGATSINGHPUR** – As per the forecast received from IMD, Jagatsinghpur district is likely to receive light rainfall for the next five days. The sky condition may remain mainly clear to generally cloudy for the next five days. In the next 5 days, the wind speed will remain within 13-17 km/h. The daily maximum and minimum temperature are likely to remain 28-32°C and 25-28°C respectively for next five days.

DISTRICT	JAGATSINGHPUR				
Date	16/03/2024	17/03/2024	18/03/2024	19/03/2024	20/03/2024
Rainfall (mm)	4	5	3	5	15
T-MAX (C )	32	32	32	30	28
T-MIN (C )	27	27	27	28	25
Cloud Cover	2	4	5	6	7
Rh Max (%)	90	87	76	80	79
Rh Min (%)	55	59	54	48	48
Wind speed (kmph)	17	17	13	15	17
Wind Direction (deg)	198	202	225	225	225

For further information, contact the Met. Centre, Aerodrom Area, IMD, Bhubaneswar, Tel. # 0674-2596116.

**Agromet Advisory**

- ❖ Withheld sowing, spraying of pesticide and irrigation activities for some days as there is a chance of rainfall or thundershower.
- ❖ In view of forecasted thunderstorm accompanied with gusty winds, provide mechanical support to cucurbits.
- ❖ Provide staking to Tomato plant.
- ❖ Drain out the excess water from standing vegetable and Banana plant as soon as possible.
- ❖ Harvest the mature vegetables immediately.
- ❖ Cover the harvested produce with polythene sheet.
- ❖ Complete the sowing of summer vegetables like cucurbits after the subsequent week to utilize the soil moisture effectively.

**PADDY (Summer): Bacterial Leaf Blight management**

To manage Bacterial Leaf Blight in paddy chemically, spray Copper Hydroxide 53.8% DF @ 600-gram/acre or 200- gram Plantomycin along with CopperOxy Chloride 50% WP @ 600-gram/acre.

**BLACK GRAM & GREEN GRAM: Cercopsera leaf spot**

Due to humid weather there is a chance of Cercopsera leaf spot in Black gram and Green gram. To control this spray Metalaxyl 8% + Mancozeb 64% W.P @ 400 g/acre in 200 liter of water.

**GROUNDNUT: Thrips and aphids management**

Due to rise in atmospheric temperature there are chances of infestation of thrips and aphids in groundnut crop. To manage aphids, and thrips spray Neem Based Pesticide (Azadirachtin) 300 PPM @ 1-litre /acre during primary stage of infestation. If the infestation is severe than spray Thiamethoxam 25% W.G @ 40 gram/acre or Imidacloprid 17.8% SL @ 50- ml/acre by mixing it in 200 litre of water.

**CHILLI AND BRINJAL: Wilting**

After rainfall there are chances of wilt disease in brinjal and chilli crop. To manage wilt disease in brinjal and chilli first uproot affected plants and destroy it away from the field. Drench the root zone of the plant with 200-ml of Tebuconazole mixed with 20-gram of Streptocycline per acre. Use 200-litre of water per acre for spraying.

**CUCURBITS: Red Pumpkin Beetle management**

There are chances of infestation of Pumpkin Beetle in cucurbit crops like Pumpkin, Bitter Gourd, Melon and Cucumber crops. To manage Red Pumpkin Beetle in Cucurbit crops spray Cyantraniliprole 10.26% OD @ 400-ml/acre or Imidacloprid 17.8% SL @ 60-ml/ acre or Chlorpyrifos 20% EC @ 400-ml/acre.

**OKRA: Sucking Pest management**

There are chances of sucking pest like aphids, Jassids, thrips and whiteflies in Okra. To manage these pests at early stage of infestation spray neem-based pesticide (Neem Oil) 1500 PPM @600-ml/acre by mixing it in 200-litre of water. To manage these sucking pests chemically spray Thiamethoxam 25 % WG @ 40- gram/acre or Acetamiprid 20 % SP @ 50-gram/acre or Tolfenpyrad 15 % EC @ 400-ml/acre by mixing it in 200- litre of water.

**BANANA: Sigatoka Leafspot management**

To manage the disease chemically spray carbendazim @10gram/10 litre of water or chlorothalonil @30gm/10 litre of water for two to three times in one month interval.

**ANIMAL HUSBANDRY:** As there is a chance of thunderstorm and lightning activity, Keep the animals away from water bodies and other metal farm equipment. Don't allow your animals to congregate under trees. Provide sufficient foods and water to animals and keep the foods in safer place to protect from rain.

**PRINCIPAL NODAL OFFICER**

For better agricultural benefits use, **OUAT KALINGA** products (Seedlings, Saplings & QPM, Tissue Culture Plants, Fruits & Vegetables, Value Added Products, Fingerlings/ Yearlings, Poultry chicks, Breeds, Mushroom & Spawn, Bio-Fertilizer, Bio-Pesticides, Vermi & VermiCompost and Farm Implements).

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