



**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 28°C and mean minimum daily temperature was 14.42°C of the Jagatsinghpur district during the last week. The district received no rainfall during the last seven days. Harvesting of long duration paddy is under progress. Raising of Nursery bed and Transplanting of for summer paddy is under progress. Harvesting and planting of sugarcane is under progress. The Arhar crop is in flowering to pod formation stage. Sowing of rabi crops like Maize, Wheat, Pulses, Oilseeds, Vegetables and Spices are continuing. Overall crop condition is Normal.

**Forecast (Up to 27.12.2023)**

**Given by Met. Centre, IMD, Bhubaneswar**

**DISTRICT: JAGATSINGHPUR** – As per the forecast received from IMD, dry weather may prevail over the district of Jagatsinghpur for next five days. The sky condition may remain clear to mainly clear for the next five days. The wind may flow North Easterly to Easterly with speed of 09-11 km/h. The daily maximum and minimum temperature are likely to remain 28-29°C and 15-16°C respectively for next five days.

DISTRICT	JAGATSINGHPUR				
Date	23/12/2023	24/12/2023	25/12/2023	26/12/2023	27/12/2023
Rainfall (mm)	0	0	0	0	0
T-MAX (C )	28	28	28	29	29
T-MIN (C )	15	16	16	16	16
Cloud Cover	2	2	0	0	0
Rh Max (%)	68	73	72	72	68
Rh Min (%)	43	43	46	44	45
Wind speed (kmph)	9	10	10	10	11
Wind Direction (deg)	109	101	101	112	0

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

**Agromet Advisory**

- ❖ Now the weather is optimum for nursery sowing of Rabi rice. 10 decimal area is sufficient for nursery sowing for one acre planting.
- ❖ Use low cost polythene cover above the vegetables nursery to avoid poor germination due to low temperature.
- ❖ Carry out weeding, hoeing and other intercultural operations in Rabi vegetables.
- ❖ In Cole crops irrigation should be done at 7-8 Days interval depending upon soil moisture and weather condition
- ❖ Provide light irrigation to standing vegetables and crops during morning hours to prevent damage from fog, low temperature and moisture stress.
- ❖ Due to low night temperature and fog condition, there will be chance of infestation of sucking pests, leaf blight, powdery mildew in the Rabi crops and vegetables. Monitor the crops and vegetables, if symptoms are noticed, undertake appropriate plant protection measures.
- ❖ In winter during cold hours farmers should keep doors, windows and open spaces in cow sheds covered with polythene or gunny bag curtains to prevent direct contact to cold air.
- ❖ For maintaining the heat in the poultry shed during winter season, install heaters in the shed.

**PADDY:**

**Varietal selection (Summer):**

Arrange good quality paddy seed varieties like Satyabhama, Sahabhazi Dhan, Mandakini, Manaswini, DRR 42, DRR-43, DRR-44, Bina 11, GB-1, Improved Lalat, MTU 1010, MTU 1001, Naveen, Swarna Shreya and Luna Sankhi (Coastal Saline) which can be grown as transplanted rice in dry season.

**Seed treatment (Summer):**

Treat the seeds with Carbendazim 50% W.P @ 1.5-gram/1-kg of seeds or Carboxin 37.5% + Thiram 37.5 % @ 3- gram /1 kg of seeds before sowing in the nursery.

**BLACKGRAM AND GREENGRAM: Powdery mildew-**

There is a chance of powdery mildew disease in Black gram and Green gram. To control this disease, spray Sulphur 80% WP @800 g/acre or Hexaconazole 5% E.C @ 300 ml/acre.

**SUGARCANE:** Harvest the mature cane when the brix reading reaches 18 or above. Use hand refractometers for testing of the juice. Harvesting of canes should be done below one inch of ground level for a successful ratoon crop. Transport the cane immediately after harvest to the factory for crushing. Maximum recovery takes place when the cane is crushed within 24 hours after harvesting.

**TOMATO: Fruit borer**

First collect and destroy the affected fruits and grown up larvae. Set up 20 nos. of pheromone trap having Helilure per acre. Go for spraying of insecticide if there are 10% fruits infested with borer. Spray Chlorantraniliprole 18.5% S.C @ 80 ml/acre or Flubendiamide 39.5 % M/M S.C @ 40 ml/acre or Indoxacarb 14.5% S.C. @ 200 ml/acre. Use any of the above insecticides alternately at 15 days interval.

**COLE CROPS: Browning or Brown rot**

Apply borax @ 4-kg/ acre as soil application during transplanting in Cole crops to prevent Brown rot. If Borax was not applied during transplanting of seedlings than spray Borax @ 2.5-gram/litre or Folibor /Solubor @ 1.5 gram/litre. Spraying of Boron micronutrient should be done after two weeks of transplanting and two weeks before curd formation.

**FISHERIES:** During winters, there is a possibility of “EUS” disease in fish. Farmers are advised to apply Cifax @ 400 ml mixed with 40 litre of water in one acre pond area as a preventive measure. The fishes should be fed daily with oil cake bran mixture at the rate of 2-3 % of their total biomass.

**PRINCIPAL NODAL OFFICER**

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