



# 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 25.7°C and mean minimum daily temperature was 16.3°C of the Jagatsinghpur district during the last week. The district received 18.6 mm of rainfall during the last seven days. Raising of nursery bed for summer paddy is under progress. Wheat crop is tillering to panicle initiation stage. Mustard, Til and Groundnut are in flowering to pod formation stage. Harvesting and planting of Sugarcane is under progress. Crop coverage till date is 69% of the total programme area. Normal rainfall received up to the end of this week. Overall crop condition is Normal.

**Forecast (Up to 04.02.2024)**  
**Given by Met. Centre, IMD, Bhubaneswar**

**DISTRICT: JAGATSINGHPUR** – As per the forecast received from IMD, dry weather may prevail over the district of Jagatsinghpur except very light rainfall on Saturday. The sky condition may remain clear to partly cloudy for the next five days. In the next 5 days, the wind speed will remain within 10-20 km/h. The daily maximum and minimum temperature are likely to remain 26-29°C and 16-19°C respectively for next five days.

DISTRICT	JAGATSINGHPUR				
Date	31/01/2024	01/02/2024	02/02/2024	03/02/2024	04/02/2024
Rainfall (mm)	0	0	0	2	0
T-MAX (C )	29	29	27	26	27
T-MIN (C )	19	18	18	17	16
Cloud Cover	2	4	4	0	0
Rh Max (%)	77	81	90	93	84
Rh Min (%)	51	53	59	56	48
Wind speed (kmph)	16	18	20	17	10
Wind Direction (deg)	198	201	202	208	112

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

#### Agromet Advisory

- ❖ Farmers are advised to prepare nursery bed and treat the paddy seeds with Carbendazim 50% W.P @ 1.5 g/1kg of seeds or Carboxin 37.5% + Thiram 37.5 % @ 3 g /1 kg of seeds before sowing in the nursery.
- ❖ Mulch vegetable seedling with straw or other mulching material to avoid cold injury.
- ❖ Cover the recently planted cole crops with paper pockets during night time to prevent from low temperature stress.
- ❖ Standing water to a depth of 2-3 cm should be maintained at least for 2-3 days before uprooting of seedlings.
- ❖ Harvest the mature produce like cauliflower, cabbage, tomato, bean, green pea, carrot, and radish.
- ❖ It is optimum time for sesame sowing. Grow improved varieties like Uma, Usha, Kalika, Nirmala, Prachi and Amrit. Use 2 to 2.5 kg seeds/ acre. To control seedling rot, seeds should be treated with 2 g Bavistin or 3 g Thiram/kg of seeds. Apply 8 cartload of FYM/acre during final land preparation. Apply 50% N and all P, K and S of recommended dose. Go for line sowing. Because of small seed size, the seeds should be mixed with dry sand or soil or saw dust for uniform sowing and less seed requirement.
- ❖ Use pre-emergence herbicides like Atrazine 50 % WP @ 800-gram/acre or Metribuzin 70% Wp @ 400-500-gram/acre within 3 days after planting to control weeds in Sugarcane.

After rain there is a chance of Rotting & Wilting of plants due to stagnation of water. To manage wilt disease in vegetable crops, drench the root zone with a solution of 1.5-gram Streptocycline and 20-gram Metalaxyl 8% + Mancozeb 64 % WP mixed in 10 litres of water.

#### PADDY (Summer): Nursery Management

Prepare the wet nursery seed beds for paddy. Irrigate the nursery field and puddle it 2-3 times followed by planking. Apply 200 kg of FYM, 4 kg of DAP, 2.5 kg of MOP and 1 kg of Zinc sulphate during last puddling. Divide nursery area into smaller plots of convenient length. Irrigation channels of size 30 cm in width should be made along the beds for irrigation/drainage purpose. Sprouted Seeds should be sown @ 40-50 g / m<sup>2</sup> area of seed bed by line sowing with 5 cm gap between each line.

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

**SUGARCANE:** To prevent red rot disease, resistant varieties like CO-7219, CO-8371, CO-8013, CO-8014, CO-6907, CO-7601 and CO- 7602 should be selected. Soak the seeds for 30 minutes in a solution of 100 lit of water containing 150 g of carbendazim 50 WP, 200- ml of chlorpyrifos 20 % EC and 1 kg urea. Do not add chlorpyrifos if soil drenching is adopted.

#### BLACKGRAM AND GREENGRAM: Yellow mosaic virus

Present weather condition is favourable for the incidence of yellow mosaic virus which is caused by the vector white fly. To control go for spraying of triazophos @ 400 ml/acre or Acetamipride @ 40 g per acre.

#### COLE CROPS: Dimond Back Moth and Head Borer management

There are chances of infestation of Dimond Back Moth and Head Borer in Cauliflower and Cabbage crops. Collect and destroy the caterpillars and egg masses in the early stages of pest attack. Spray Neem based Pesticide (Azadirachtin) 300 PPM @ 1-litre /acre by mixing in 200-litre of water. To manage these pests chemically spray Tolfenpyrad 15 % EC @ 400-ml/acre or Flubendiamide 20 % WG @ 20-gram/acre or Chlorfenapyr 10 % SC @ 400-ml/acre or Spinosad 45 % SC @ 75-ml/acre by mixing in 200- litre of water.

#### BRINJAL: Whitefly

Use yellow sticky traps @ 8-10/acre to attract and kill White fly in Brinjal. During primary stage of pest infestation spray neembased pesticide (Azadirachtin) 1500 PPM @ 600-ml/acre by mixing in 200-litre of water. To control this pest chemically spray Thiamethoxam 25 % WG @ 40 g/acre or Pyriproxifen 10% EC @ 200 ml/acre or Spiromesifen 22.9% SC @ 250 ml/acre by mixing in 200 litre of water.

**ROSE:** To control thrips in rose, spray Fenpyroximate 5% EC @ 2 ml or Abamectin @ 1 ml per litre of water.

#### PRINCIPAL NODAL OFFICER

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