



# Gramin Krishi Mausam Sewa

## India Meteorological Department

### Odisha University of Agriculture and Technology

#### Bhubaneswar -751 003

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Nodal Officer

**Week No.02**

No. -49 (Eng. Bulletin)  
Dt. -12.01.2024

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

The mean maximum daily temperature was 28.14°C and mean minimum daily temperature was 17.14°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 going to be completed. Raising of nursery bed and land preparation for rabi paddy is going on. Harvesting and planting of Sugarcane is under progress. Sowing of Rabi crops like Cereals, Pulses, Oilseeds, Vegetables and Spices are under progress. Crop coverage up to the end of this week is 48%. Overall crop condition is Normal.

**Forecast (Up to 17.01.2024)**

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

**DISTRICT: JAGATSINGHPUR** – As per the forecast received from IMD, dry weather may prevail over the district of Jagatsinghpur for next five days. The sky condition may remain clear sky for the next five days. The wind may flow North Easterly to Easterly with speed of 07-15 km/h. The daily maximum and minimum temperature are likely to remain 27-28°C and 16-18°C respectively for next five days.

DISTRICT	JAGATSINGHPUR				
Date	13/01/2024	14/01/2024	15/01/2024	16/01/2024	17/01/2024
Rainfall (mm)	0	0	0	0	0
T-MAX (C )	28	28	28	28	27
T-MIN (C )	17	16	17	17	18
Cloud Cover	0	0	0	0	0
Rh Max (%)	55	69	64	71	77
Rh Min (%)	40	33	32	42	53
Wind speed (kmph)	11	9	7	9	15
Wind Direction (deg)	112	90	108	162	167

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.
- ❖ Cover the recently planted cole crops with paper pockets during night time to prevent from low temperature stress.
- ❖ Maintain saturated condition in the surface soil of nursery bed by applying irrigation in furrow, for proper establishment and early growth of Rice seedlings.
- ❖ Mulch vegetable seedling with straw or other mulching material to avoid cold injury.
- ❖ In view of prevailing low temperature, Provide light irrigation to standing vegetables and crops during morning hours.
- ❖ 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.
- ❖ Standing water to a depth of 2-3 cm should be maintained at least for 2-3 days before uprooting of seedlings.
- ❖ Sunflower crop is at 25-30 days stage. Go for hoeing and weeding and thinning and apply N -fertilizer.
- ❖ Spraying of pesticides to be done after 3 pm to protect the honey bee.

**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 setts 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.

**GROUNDNUT: White grab**

White grab infestation in groundnut can be minimized by drenching Chloropyrifous @ 6ml/lit of water or Imidacloprid 30.5 sc@1ml/lit of water at the plant base.

**CHILLI:Mite**

For controlling mites in chilli, spray Ethion 50 % EC @ 600 ml/acre or Spiromesifen 22.9 % SC @ 200 ml/acre or Propargite 57 % EC @ 600 ml/acre.

**BRINJAL:Whitefly**

Use yellow sticky traps @ 8-10/acre to attract and kill White fly in Brinjal. During primary stage of pest infestation spray neem based 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.

**ANIMAL HUSBANDRY:** If the animals have not yet been vaccinated against FMD, Haemorrhagic Septicaemia, Black Quarter, Enterotoxemia etc., these must be done. Due care should be taken to store/procure fodder for periods of shortage that may occur during the winter months in certain areas. Perennial grasses must be cut at this time.

**PRINCIPAL NODAL OFFICER**

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