



**Gramin Krishi Mausam Sewa**  
**Agromet Advisory Bulletin for JAGATSINGHAPUR District**  
**Orissa University of Agriculture & Technology**  
 Bhubaneswar, Orissa



## Agromet Advisory Bulletin

Date : 2026-01-27

Weather Forecast of District JAGATSINGHAPUR (Odisha) Issued On : 2026-01-27 (Valid Till 08:30 IST of the next 5 days)

Parameter	2026-01-28	2026-01-29	2026-01-30	2026-01-31	2026-02-01
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	31.0	30.0	32.0	32.0	32.0
Tmin(°C)	16.0	17.0	17.0	16.0	16.0
RH-I(%)	86	90	90	88	86
RH-II(%)	37	39	40	39	41
Wind Speed(kmph)	9	6	5	6	6
Wind Direction(Degree)	336	305	293	310	297
Cloud Cover(Octa)	1	2	0	0	0
Warning	No Warning	No Warning	No Warning	No Warning	No Warning

### Forecast Summary:

As per the forecast received from IMD, dry weather may prevail over the district of Jagatsinghpur for the next five days. The sky condition may remain clear to mainly clear until Sunday. In the next five days, the wind may blow at 05 - 09 km/h. The daily maximum and minimum temperatures will likely remain 30 - 32 °C and 16 - 17 °C, respectively.

### Weather Warnings (Valid Till 08:30 IST of the next day)

No Warning

### Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Nil

### General Advisory:

□ As per the district level weather forecast issued by IMD, dry weather may prevail over the districts of Jagatsinghpur, Kendrapara, Khordha and Puri for the next five days. □ To manage foot rot disease in paddy spray Metalaxyl 8% + Mancozeb 64% WP @ 400- gram/acre or Carbendazim 12% +Mancozeb 63% WP @ 400-gram/acre. □ Farmers are advised to irrigate their field if required as there is mildly dry condition prevailed. □ Cover the recently planted cole crops with paper pockets during night time to prevent from low temperature stress. □ Mulch vegetable seedling with straw or other mulching material to avoid cold injury. □ In Zinc deficient soil apply Zinc Sulphate (21%) @ 10 kg/acre at every three years. □ 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. □ In view of prevailing low temperature, for maintaining heat in the poultry shed use electric bulb or install heaters in the shed.

### SMS Advisory:

□ To manage foot rot disease in paddy spray Metalaxyl 8% + Mancozeb 64% WP @ 400- gram/acre or Carbendazim 12% +Mancozeb 63% WP @ 400-gram/acre.

### Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Seedling Growth)	□ Stem borer – To manage stem borer in paddy at early stage of crop, use Trichogramma japonicum card @ 1/acre (50000/ha) at weekly interval for 6 times by splitting each card into 12 pieces at the scheduled points. Use pheromone traps @ 5 /acre. Apply Cartap Hydrochloride 4 % G @ 8kg/acre or Chlorantraniliprole 0.4 % GR @ 4kg/acre or Imidacloprid 0.3% GR @ 6kg/acre by mixing it with sand at 1:1 ratio.
GROUNDNUT (Vegetative )	□ Stem rot management To manage stem rot in groundnut drench soil with Validamycin 3% L @ 400-ml/acre or Captan 70 % + Hexaconazole 5 % WP@ 300-gram/acre.
GREEN GRAM (Vegetative )	□ Powdery mildew management To manage powdery mildew disease in Blackgram and Greengram crop spray Sulphur 80% WP @800-gram/acre or Hexaconazole 5% E.C @ 300 ml/acre or Propiconazole 25% EC @ 200-ml/acre or Penconazole 10% EC @ 100-ml/acre by mixing in 200litre of water.
MUSTARD (Flowering)	□ Now there are chances of Aphid and Painted Bug infestation in mustard crop. During primary stage of pest infestation spray Neem Based Pesticide (Azadirachtin) 1500 PPM @ 600- ml/acre. To manage chemically sprays Thiamethoxam 25% W. G @ 40 gram/acre or Acetamiprid 20% S.P. @ 50 gram/acre or Imidacloprid 17.8% SL @ 60-ml acre by mixing in 200 litre of water.

### Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
POTATO (Vegetative )	□ There are chances of Early Blight disease incidence in Potato. To manage early leaf blight in potato, spray Mancozeb 75% WP @600 g/acre or Carbendazim 12% + Mancozeb 63% W.P @ 400g/acre. To manage late blight in potato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400 g/acre at 10 days interval.
BRINJAL (Vegetative )	□ Epilachna Beetle To manage Epilachna Beetle in brinjal plant shake plants to dislodge grubs, pupae, and adults in a pail of kerosene mixed water early in the morning or collect them mechanically and destroy. Spray neem-based pesticide (Azadirachtin) 1500 PPM @ 3ml/litre of water at early stage of infestation. Then spray Chlorpyriphos 20 % EC @ 2 ml/litre of water or Profenophos 50 % EC @ 2ml/litre of water.
OKRA/ LADYFINGER (Sowing)	□ The seed rate for HYV okra is 4 kg/acre whereas for hybrid the seed rate is 1.5 kg/acre. Seed treatment can be done with 3 gm thiram along with 7 gm Imidacloprid 70 % WS per kg of seeds. For HYV apply 26 kg of DAP, 20 kg of MOP and 10 kg of Urea as basal fertilizer by maintaining row to row and plant to spacing at 30 cm. For Hybrids apply 35 kg of DAP, 25 kg of MOP and 20kg of Urea as basal fertilizer by maintaining row to row spacing at 60 cm whereas plant to spacing at 45 cm.
CABBAGE (Fruit formation)	□ Present weather condition favourable for infestation of Dimond Back Moth and Head Borer in Late sown Cauliflower and Cabbage crops. Collect and

Horticulture (Stage)	Horticulture Specific Advisory
	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.
COCONUT (Vegetative )	<input type="checkbox"/> To control from the infestation of red palm weevil, apply carbendazim 3%G + Sand 1:1 ratio in the hole of the stem and plug the hole. To control from rhinoceros beetle clean the nearby compost yard of the coconut garden and disinfect it by applying 1.5% chloropyrifos dust.
(Flowering)	<input type="checkbox"/> To control thrips in rose, spray Fenpyroximate 5% EC @ 2 ml or Abamactin @1 ml per litre of water.

### Fisheries Specific Advisory:

Fisheries	Fisheries Specific Advisory
INDIAN MAJOR CARP	<input type="checkbox"/> As the temperature of the surface water is colder than the bottom layers, the fish prefers to live in the bottom zone. Farmers should keep the water depth up to 6 ft, so that it gets enough space for hibernating in the warmer bottom zone.

### Likely impacts of weather warnings (General)

Nil

### Impact based advisories (General)

Nil

**Farmers are advised to download Unified "Mausam" and "Meghdoot" android application on mobile for Weather forecast and weather based Agromet Advisories and "Damini" android application for forecast of Thunderstorm and lightening.**

**Mausam MobileApp link: <https://play.google.com/store/apps/details/>**

**Meghdoot MobileApp link: <https://play.google.com/store/apps/details>**

**Damini MobileApp link : <https://play.google.com/store/apps/details>**