



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



## Agromet Advisory Bulletin

Date : 2026-01-30

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

Parameter	2026-01-31	2026-02-01	2026-02-02	2026-02-03	2026-02-04
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	29.0	30.0	31.0	32.0	32.0
Tmin(°C)	18.0	18.0	18.0	17.0	17.0
RH-I(%)	89	90	91	90	84
RH-II(%)	41	41	39	37	35
Wind Speed(kmph)	7	7	6	7	5
Wind Direction(Degree)	323	304	281	302	304
Cloud Cover(Octa)	1	1	1	0	2
Warning	Fog	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 Wednesday. In the next five days, the wind may blow at 05- 07 km/h. The daily maximum and minimum temperatures will likely remain 29 - 32°C and 17-18°C, respectively.

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

Fog warning for tomorrow.

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

Nil

### General 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. □ 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:

□ Farmers are advised to irrigate their field if required as there is mildly dry condition prevailed.

### 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.
BLACK 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 (Vegetative )	□ 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.
TOMATO (Fruit formation)	□ To manage fruit borer in tomato first collect and destroy the affected fruits and grown up larvae. Set up 20 nos. of pheromone trap having Helilure per acre. During primary stage of pest infestation spray neem-based pesticide (Azadirachtin) 1500 PPM @ 600-ml/acre by mixing in 200-litre of water. Go for spraying of insecticide if there are 10% fruits infested with borer. For chemical control spray Chlorantraniliprole 18.5% S.C (Coragen / Cover) @ 80 -ml/acre or Flubendiamide 39.5 % M/M S.C (Rudra/ Fame) @ 40-ml/acre or Indoxacarb 14.5% S.C. (Avaunt/Lashkar) @ 200-ml/acre. For spraying of insecticides 200 litre of water per acre is required. Use any of the above insecticides alternately at 15 days interval.
ONION (Vegetative )	□ Thrips Management To manage thrips during primary stage of pest infestation spray Neem Based Pesticide (Azadirachtin) 1500 PPM @ 600 ml/acre. To manage this pest chemically spray Thiamethoxam 25% W. G @ 40 gram/acre or Acetamiprid 20% S.P. @ 50 gram/acre by mixing in 200 litre of water. Add a spreader or sticker for retention and spread of spray fluid on erect leaves of onion.

Horticulture (Stage)	Horticulture Specific Advisory
CABBAGE (Fruit formation)	☐ Alternaria Leaf Spot management There is chances of Alternaria leaf spot disease incidence in Cole crops due to current weather condition. To manage this disease in Cole crops spray Mancozeb 75 % WP @ 600-gram/acre or carbendazim 12 % + Mancozeb 63 % WP @ 400-gram/acre by mixing in 200-litre of water.
MANGO (Flowering)	☐ Mango Hoppers management Due to foggy and cloudy weather there are chances of infestation of sucking pest like Mango Hoppers in Mango plant. To manage mango hoppers spray Imidacloprid 17.8% SL @ 5-ml/15-litre of water or Thiamethoxam 25% W.G @ 3- ml/15-litre of water or Acetamiprid 20% S.P. @ 4-gram /15-litre of water. First spray should be done at the time of panicle emergence and second spray two weeks after first spray. Application of smoke below the plants can also help in reducing the pest population.

### Fisheries Specific Advisory:

Fisheries	Fisheries Specific Advisory
INDIAN MAJOR CARP	☐ 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
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### Impact based advisories (General)

Nil
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**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>**