



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



Agromet Advisory Bulletin

Date : 2026-01-22

Weather Forecast of District JAGATSINGHAPUR (Odisha) Issued On : 2026-01-22 (Valid Till 08:30 IST of the next 5 days)

| Parameter | 2026-01-23 | 2026-01-24 | 2026-01-25 | 2026-01-26 | 2026-01-27 |
|------------------------|------------|------------|------------|------------|------------|
| Rainfall(mm) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Tmax(°C) | 30.0 | 29.0 | 31.0 | 32.0 | 32.0 |
| Tmin(°C) | 15.0 | 16.0 | 16.0 | 14.0 | 14.0 |
| RH-I(%) | 93 | 90 | 92 | 90 | 89 |
| RH-II(%) | 34 | 34 | 29 | 31 | 34 |
| Wind Speed(kmph) | 10 | 6 | 6 | 8 | 8 |
| Wind Direction(Degree) | 342 | 335 | 322 | 275 | 275 |
| Cloud Cover(Octa) | 0 | 0 | 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 until Tuesday. In the next five days, the wind may blow at 06 - 10 km/h. The daily maximum and minimum temperatures will likely remain 29 - 32 °C and 14 -16 °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. □ Farmers are advised to irrigate their field as there is mildly dry condition prevailed. □ Mulch vegetable seedling with straw or other mulching material to avoid cold injury. □ 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. □ In Zinc deficient soil apply Zinc Sulphate (21%) @ 10 kg/acre at every three years. □ Plant 2 to 3 seedling per hill shallow and upright in lines at 15 cm apart and hills at 10 cm apart. Standing water to a depth of 2-3 cm should be maintained at least for 2-3 days before uprooting of seedlings in Paddy

nursery. 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. Cover the recently planted cole crops with paper pockets during night time to prevent from low temperature stress. 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 as there is mildly dry condition prevailed.

Crop Specific Advisory:

| Crop (Stage) | Crop Specific Advisory |
|--------------------------|--|
| RICE (Transplanting) | <input type="checkbox"/> Pre-emergence Weed Management Farmers those who are going for transplanting or has done transplanting of paddy, apply pre-emergence herbicide Pretilachlor (Rifit / Craze) @ 800-ml/acre or Oxadiargyl 80%W. P (Top star / Oximain) @ 40-gm/acre or Pyrazosulfuron Ethyl 10% W.P (Saathi /Killog) @ 80-gm/acre or Bensulfuron methyl +Pretilachlor 6% GR (Londax Power/ Erase Strong) @ 4-kg at 1-3 DAT. Spray the herbicide by mixing it in 200 litres of water per acre or Mix the herbicide with 20 kg of sand and broadcast it uniformly. Always use flat-fan or flood-jet nozzle and clean water for herbicide spraying. |
| GROUNDNUT (Vegetative) | <input type="checkbox"/> Tikka disease To control Tikka disease spray Chlorothalonil 75% WP @ 400-gram/ acre or Mancozeb 75% WP @ 600 gram/acre or Hexaconazole 5% E.C @ 300ml/acre. |
| BLACK GRAM (Vegetative) | <input type="checkbox"/> Bihar hairy caterpillar To control Bihar hairy caterpillar in green gram and black gram crop spray Chlorpyriphos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 litre of water. Bihar Hairy Caterpillar are nocturnal so insecticide spray should be done at evening hours. Dusting of Chlorpyriphos 1.5% DP@ 10-kg/acre should be done across the bund. |

Horticulture Specific Advisory:

| Horticulture (Stage) | Horticulture Specific Advisory |
|-------------------------------|---|
| BRINJAL (Vegetative) | <input type="checkbox"/> 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) | <input type="checkbox"/> 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. |
| CAULIFLOWER (Fruit formation) | <input type="checkbox"/> Tobacco caterpillar Collect and destroy the caterpillars and egg masses in the early stages of pest attack. Spray Neem based Pesticide (Azadirachtin) 300 PPM @ 1litre /acre by mixing in 200litre of water. To control Tobacco caterpillar pests chemically spray Tolfenpyrad 15 % EC @ 400-ml/acre or Flubendiamide 20 % WG @ 20gram/acre or Chlorfenapyr 10 % SC @ 400ml/acre or Spinosad 45 % SC @ 75ml/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 |

| Horticulture (Stage) | Horticulture Specific Advisory |
|----------------------|--|
| | 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. |

Live Stock Specific Advisory:

| Live Stock | Live Stock Specific Advisory |
|------------|---|
| COW | <input type="checkbox"/> If the animals have not yet been vaccinated against FMD, Haemorrhagic Septicaemia, Black Quarter, Enterotoxemia etc., these must be done. <input type="checkbox"/> Animal's shed and its floor should not remain wet and cool for longer periods of time. This may expose the animals, especially younger ones, to various ailments like pneumonia, fever, coccidiosis, diarrhoea and even death in severe case. Good ventilation must be ensured during winter. |

Likely impacts of weather warnings (General)

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| Nil |
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Impact based advisories (General)

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| 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 lightning.

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