



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



Agromet Advisory Bulletin

Date : 2026-01-20

Weather Forecast of District JAGATSINGHAPUR (Odisha) Issued On : 2026-01-20 (Valid Till 08:30 IST of the next 5 days)

Parameter	2026-01-21	2026-01-22	2026-01-23	2026-01-24	2026-01-25
Rainfall(mm)	0.0	0.0	0.0	0.1	0.0
Tmax(°C)	28.9	28.9	28.5	28.2	29.2
Tmin(°C)	14.9	15.8	16.1	16.2	16.1
RH-I(%)	85	90	91	91	90
RH-II(%)	29	32	36	36	33
Wind Speed(kmph)	6.5	7.8	7.7	6.4	5.8
Wind Direction(Degree)	326	338	311	322	330
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 Sunday. In the next five days, the wind may blow at 06 - 08 km/h. The daily maximum and minimum temperatures will likely remain 28 - 29°C and 15 -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. □ 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. □ 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:

□ Mulch vegetable seedling with straw or other mulching material to avoid cold injury.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Transplanting)	□ 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.
GREEN GRAM (Vegetative)	□ Bihar hairy caterpillar To control Bihar hairy caterpillar in green gram and black gram crop spray Chlorpyrifos 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 Chlorpyrifos 1.5% DP@ 10-kg/acre should be done across the bund.
GROUNDNUT (Vegetative)	□ White grab White grab infestation in groundnut can be minimized by drenching Chloropyrifos @ 6ml/lit of water or Imidacloprid 30.5 sc@1ml/lit of water at the plant base. □ Stem rot- To control stem rot in groundnut drench soil with Validamycin 3% L @ 400-ml/acre or Captan 70 % + Hexaconazole 5 % WP@ 300-gram/acre.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
COWPEA/ LOBIA (Vegetative)	□ Hairy caterpillar- To control from hairy caterpillar, spray flubendiamide 39.35%SC @ 80 ml /200 liter of water. If cerco spora leaf spot is seen then spray difenoconazole 25%EC @ 200 ml or carbendazim 12% + mancozeb 63%WP 400gm/200 lit water per acre.
TOMATO (Fruit formation)	Early and late leaf blight To control early and late leaf blight in tomato, spray Mancozeb 75% WP @ 600 gram/acre or Zineb 75% WP @ 500gram/acre at 7 days interval.
POTATO (Vegetative)	□ Potato Tuber Moth Avoid shallow planting of tubers in areas where frequent infestation of Potato tuber moth occurs. Planting of seed tubers should be done at 10 cm depth. Do not leave the harvested tubers in the field overnight. To control this pest, spray Spinosad 45 % SC @ 75-ml/acre or Emamectin Benzoate 5% SG @ 80-gram/ acre or Chlorantraniliprole 18.5 % SC @80-ml/acre.
BANANA (Fruit formation)	□ To control sigatoka leaf spot spray 2gm carbendazim 12% + mancozeb 63%WP or chlorothalonil 75%WP per litre of water.
MARIGOLD (Flowering)	□ Spray 2ml chloropyrifos 20%EC or 2ml/ quinalphos 25%EC or profenofos 50%EC 2ml / 1lit water for controlling flower and bud eating insects.

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.

Fisheries Specific Advisory:

Fisheries	Fisheries Specific Advisory
COMMON CARP	<input type="checkbox"/> There is a possibility of "EUS" (Epizootic ulcerative syndrome) in winter. Farmers are advised to apply "Cifax" @ 400 ml with 40lt of water in one acre pond area as preventive measure. Fishes should be feed daily oil cake bran mixture @ of 2-3%, of their biomass.

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