



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



Agromet Advisory Bulletin

Date : 2026-02-20

Weather Forecast of District JAGATSINGHAPUR (Odisha) Issued On : 2026-02-20 (Valid Till 08:30 IST of the next 5 days)

Parameter	2026-02-21	2026-02-22	2026-02-23	2026-02-24	2026-02-25
Rainfall(mm)	0.0	0.0	0.0	10.0	7.0
Tmax(°C)	31.0	32.0	33.0	33.0	32.0
Tmin(°C)	19.0	19.0	20.0	20.0	19.0
RH-I(%)	81	87	89	92	94
RH-II(%)	23	30	38	44	40
Wind Speed(kmph)	8	8	6	8	10
Wind Direction(Degree)	311	290	248	214	216
Cloud Cover(Octa)	1	1	2	7	6
Warning	No Warning	No Warning	No Warning	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	No Warning

Forecast Summary:

As per the forecast received from IMD, the district of Jagatsinghpur may likely to receive light rainfall on next Tuesday & Wednesday and dry weather on other days. The sky condition may remain mainly clear to generally cloudy until Wednesday. In the next five days, the wind may blow at 06- 10 km/h. The daily maximum and minimum temperatures will likely remain 31 - 33°C and 19-20°C, respectively.

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

Thunderstorms and lightning warning for the next Tuesday.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Stop all outdoor activities once you hear thunder or see lightning. Do not take shelter under tall trees, electric poles, or isolated sheds. If no shelter is available, crouch low with your feet together in an open area.

General Advisory:

□ Due to prevailing dry weather condition for the next three days with increasing temperature farmers are advised to provide light irrigation in their crop field if needed. □ Farmers those who have already transplanted should apply 35 kg Urea per acre at 3 weeks after transplanting at active tillering stage for

high yielding paddy varieties. □ Install yellow sticky trap @ 8/acre to monitor sucking pest like White fly, Aphids, Jassids & blue sticky trap for Thirps in vegetables at vegetative stage. □ Sugarcane Sett treatment is a necessary procedure before planting. For seed treatment, soak the setts for 30 minutes in a solution of 100 lit of water containing 150-g of carbendazim 50 WP. □ The seed rate of hybrid okra 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 Hybrids apply 35-kg of DAP, 25-kg of MOP and 20-kg of Urea as basal fertilizer by maintaining row to row spacing at 60 cm whereas plant to spacing at 45-cm. □ As soil temperature at depth of 05-10cm has been raised above 30°C, which will drastically reduce the tuber yield, so farmers should go for application of soil mulch and frequent irrigation to maintain the soil temperature.

SMS Advisory:

□ Install yellow sticky trap @ 8/acre to monitor sucking pest like White fly, Aphids, Jassids & blue sticky trap for Thirps in vegetables at vegetative stage.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Tillering)	□ Yellow Stem Borer management To manage stem borer in paddy at early stage of crop, apply Cartap Hydrochloride 4 % G (@ 8-kg/acre or Fipronil 0.3 % GR @ 10-kg/acre or Chlorantraniliprole 0.4 % GR @ 4-kg/acre or Imidacloprid 0.3% GR @ 6-kg/acre by mixing it with sand at 1:1 ratio during dry weather condition.
GROUNDNUT (Pod Development)	□ 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 during dry weather condition.
BLACK GRAM (Flowering)	□ Whitefly To control whitefly infestation at early stage of crop during dry weather condition spray Neem based pesticide 1500 PPM @ 600 ml/acre by mixing in 200 litre of water. If the infestation is severe than go for chemical pesticide like Thiamethoxam @ 40gram/acre or Acetamiprid @ 50gram/acre by mixing in 200-litre of water.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
BRINJAL (Flowering)	□ Little leaf Little leaf of brinjal disease is a mycoplasma disease which is transmitted by leaf hopper in brinjal. To manage little leaf in brinjal first remove and destroy the infected plant. To control the vector of the disease spray Thiamethoxam 25 % WG @ 40gram/acre or Flonicamid 50% WG @ 60gram/acre during dry weather condition.
Menacinakahi (Vegetative)	□ 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 during dry weather condition.
CHILLI (Vegetative)	□ 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 during dry weather condition.
CAULIFLOWER (Fruit formation)	□ Tobacco caterpillar management To manage these pests, regular monitoring of pest infestation should be carried out. Collect and destroy the caterpillars and egg masses in the early stages of pest attack. During dry weather condition 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.
WATER MELON (Planting)	□ Present warm and dry condition favourable for watermelon cultivation. Use improved varieties like Sugar baby, Arka manik, Lalsona and hybrid

Horticulture (Stage)	Horticulture Specific Advisory
	varieties like Madhuri, Maya, Sweet Ruby, Black magic and Sugar pack. For 1 acre planting 400-800 gram of seed is required. Treat the seed with carbendazim @ 1 g / kg of seed.
Perale (Flowering)	<input type="checkbox"/> Mealy bug Prevailing weather conditions are congenial for Mealy bug incidence in Guava and mango. To control mealy bug, during dry weather condition Spray Dimethoate 30 EC @ 2 ml/liter of water during February-March as per requirements.

Fisheries Specific Advisory:

Fisheries	Fisheries Specific Advisory
INDIAN MAJOR CARP	<input type="checkbox"/> Small white rash appear on the body of fish and feels rough to hand are the symptoms of white spot disease in fish. Excessive mucus secret from fish body. To treat this disease in fish bath affected fish for 5 minutes in the 200 litre water which is mix with 500gram of salt, then release to the pond. This procedure continues for 7-10 days.

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 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