



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



Agromet Advisory Bulletin

Date : 2026-02-24

Weather Forecast of District JAGATSINGHAPUR (Odisha) Issued On : 2026-02-24 (Valid Till 08:30 IST of the next 5 days)

Parameter	2026-02-25	2026-02-26	2026-02-27	2026-02-28	2026-03-01
Rainfall(mm)	4.0	1.0	0.0	0.0	0.0
Tmax(°C)	31.0	32.0	32.0	32.0	33.0
Tmin(°C)	22.0	21.0	20.0	19.0	19.0
RH-I(%)	94	90	91	93	93
RH-II(%)	41	40	40	35	33
Wind Speed(kmph)	8	10	5	6	9
Wind Direction(Degree)	207	224	337	216	220
Cloud Cover(Octa)	4	2	1	1	1
Warning	Thunderstorms & Lightning, Squall etc; Strong Surface Winds; Fog	No Warning	No Warning	No Warning	No Warning

Forecast Summary:

As per the forecast received from IMD, the district of Jagatsinghpur may likely to receive very light to light rainfall on next Wednesday & Thursday and dry weather on other days. The sky condition may remain mainly clear to partly cloudy until Sunday. In the next five days, the wind may blow at 05- 10 km/h. The daily maximum and minimum temperatures will likely remain 31 - 33°C and 19-22°C, respectively.

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

Thunderstorms and lightning warning for tomorrow.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Nil

General Advisory:

□ February-March is the ideal time for sowing of Cowpea, Cluster bean, Pumpkin, Cucumber and Watermelon. □ Farmers 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. □ Increased difference between daily maximum and minimum temperature favours the infestation of blast in main field.

During clear weather condition spray Tebuconazole 50% + Trifloxystrobin 25% WG @ 80 g/acre or Isoprothiolane 40 EC @ 300 ml/acre in 200 litres of water. Repeat the spray at 7-10 days' interval. □ Harvest the mature produce like cauliflower, cabbage, tomato, bean, green pea, carrot, and radish. □ Farmers are advised to make bund for conserving rain water in the paddy field. Bund should be higher and wider so that more rain water can be conserved in the field. □ 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.

SMS Advisory:

□ Stop all outdoor activities once you hear thunder or see lightning. Do not take shelter under tall trees, electric poles, or isolated sheds.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Tillering)	□ Bacterial Leaf Blight To control BLB, remove the weeds and keep the field clean. Avoid excess use of "Nitrogenous" Fertilizer. Apply MOP @ 6-8kg/acre. Spray Copper Hydroxide 53.8% DF @ 600g/acre or 200g Plantomycin along with Copper Oxy Chloride 50% WP @ 600g/acre during dry weather condition.
GREEN GRAM (Pod formation)	□ Powdery Mildew management During clear weather condition, 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.
GROUNDNUT (Pod Development)	□ Sucking Pest Management To manage aphids, and thrips spray Neem Based Pesticide (Azadirachtin) 300 PPM @ 1-litre /acre during primary stage of infestation. If the infestation is severe than spray Thiamethoxam 25% W.G @ 40 gram/acre or Imidacloprid 17.8% SL @ 50- ml/acre by mixing it in 200 litre of water during clear weather condition.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
TOMATO (Fruit formation)	□ Whiteflies management To manage whiteflies pest in Tomato and Brinjal crop, use yellow sticky traps @ 8-10/acre to attract and kill the insects. During primary stage of pest infestation spray neem-based pesticide (Azadirachtin) 1500 PPM @ 600-ml/acre by mixing in 200-litre of water. During clear weather condition to manage this pest chemically spray Thiamethoxam 25 % WG @ 40-gram/acre or Pyriproxifen 10% EC @ 200-ml/acre or Spiromesifen 22.9% SC @ 250-ml/acre by mixing in 200- litre of water.
Drumstick (Pod Development)	□ If Pod borer infestation is found in drum stick, Spray Cypermethrine @ 80 g a.i./acre at 15 days interval in clear weather condition.
BITTER GOURD (Vegetative)	□ Pumpkin Beetle There are chances of infestation of Pumpkin Beetle in cucurbit crops like Pumpkin, Bitter Gourd, Melon and Cucumber crops. To control Red Pumpkin Beetle in Cucurbit crops spray Cyantraniliprole 10.26% OD @ 400 ml/acre or Imidacloprid 17.8% SL @ 60-ml/ acre or Chlorpyriphos 20% EC @ 400 ml/acre.
WATER MELON (Planting)	□ Use improved varieties like Sugar baby, Arka manik, Lalsona and hybrid 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.
MANGO (Flowering)	□ Mealy bug Prevailing weather conditions are congenial for Mealy bug incidence in Guava and mango. To control mealy bug, during dry weather

Horticulture (Stage)	Horticulture Specific Advisory
	condition Spray Dimethoate 30 EC @ 2 ml/liter of water during February-March as per requirements.
BANANA (Vegetative)	<input type="checkbox"/> Panama wilt To manage panama wilt Banana suckers should be dipped with solution of Carbendazim @ 10g/10 litre of water before planting followed by bimonthly drenching of soil around the pseudo stem starting from 5 months after planting. Remove and destroy infected plants in the main field.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
COW	<input type="checkbox"/> As temperature is increasing provide sufficient clean drinking water with salt to animals. Ensure that the animals are kept under shades.

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