



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



Agromet Advisory Bulletin

Date : 2026-01-13

Weather Forecast of District JAGATSINGHAPUR (Odisha) Issued On : 2026-01-13 (Valid Till 08:30 IST of the next 5 days)

Parameter	2026-01-14	2026-01-15	2026-01-16	2026-01-17	2026-01-18
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	27.0	27.0	28.0	28.0	28.0
Tmin(°C)	12.0	11.0	11.0	11.0	11.0
RH-I(%)	82	84	80	73	86
RH-II(%)	25	25	27	28	30
Wind Speed(kmph)	11	9	9	10	11
Wind Direction(Degree)	26	5	9	23	6
Cloud Cover(Octa)	0	0	0	0	1
Warning	Fog	Cold wave; Fog	Cold wave	No Warning	No Warning

Forecast Summary:

As per the forecasts received from the IMD, dry weather may prevail over the district of Jagatsinghpur for the next five days. The cloud cover may remain clear to mainly clear for the next five days. The wind speed may remain within 09 to 11 km/h for the next five days. For the next five days, the daily maximum temperature and minimum temperature may likely remain between 27°C to 28°C and 11°C to 12°C respectively.

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

Dense fog likely to occur at isolated pockets in the district of Jagatsinghpur on 14th and 15th January. Cold wave conditions very likely to prevail in isolated pockets over the district of Jagatsinghpur on 15th and 16th January.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Chances of stunted growth and fungal diseases in different standing Rabi crops due to dense fog.

General Advisory:

□ Maintain saturated condition in the surface soil of nursery bed by applying irrigation in furrow, for proper establishment and early growth of Rice seedlings. □ Mulch vegetable seedling with straw or other mulching material to avoid cold injury. □ 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. □ Due to low night temperature, there will be chance of infestation of sucking pests, leaf blight, powdery mildew in the Rabi crops and vegetables. Monitor the crops and vegetables, if symptoms are noticed, undertake appropriate plant protection measures. □ In view of prevailing low temperature, provide light irrigation to standing vegetables and crops during morning hours. □ Use low cost polythene cover above the vegetables nursery to avoid poor germination due to low temperature.

SMS Advisory:

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

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Nursery/seedling)	<input type="checkbox"/> Apply 800g Cartap Hydrochloride 4% G or 400g Chlorantraniliprole 0.4% G for 10 decimal nursery area 7 days before transplanting to manage gall midge, stem borer, caseworm, leaf folder and root knot nematode up to 3 weeks after transplanting.
BLACK GRAM (Vegetative)	<input type="checkbox"/> Yellow mosaic virus Present weather condition is favourable for the incidence of yellow mosaic virus which is caused by the vector white fly. To control go for spraying of triazophos @ 400 ml/acre or Acetamipride @ 40 g per acre.
GROUNDNUT (Vegetative)	To control aphids and thrips spray Neem Based Pesticide 300 PPM @ 1 litre /acre during primary stage of infestation. If the infestation is severe than spray Thiamethoxam 25% W.G @ 40 g/acre or Imidacloprid 17.8% SL @ 50 ml/acre by mixing it in 200 litre of water.
MUSTARD (Flowering)	To manage Mustard sawfly and leaf Webber spray Ethofenprox 10 % EC @ 200-ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 litre of water. Apply the insecticides in the afternoon hours so that the movement of Honeybees will not be disturbed.
SUGARCANE (Planting)	<input type="checkbox"/> To prevent red rot disease, resistant varieties like CO-7219, CO-8371, CO-8013, CO-8014, CO-6907, CO-7601 and CO- 7602 should be selected. Soak the setts for 30 minutes in a solution of 100 lit of water containing 150 g of carbendazim 50 WP, 200- ml of chlorpyrifos 20 % EC and 1 kg urea. Do not add chlorpyrifos if soil drenching is adopted.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
Menacinakahi (Fruit formation)	To manage mites in chilli crop spray Ethion 50 % EC @ 600-ml/acre or Spiromesifen 22.9 % SC @ 200-ml/acre or Propargite 57 % EC @ 600-ml/acre.
CHILLI (Fruit formation)	To manage mites in chilli crop spray Ethion 50 % EC @ 600-ml/acre or Spiromesifen 22.9 % SC @ 200-ml/acre or Propargite 57 % EC @ 600-ml/acre.
CAULIFLOWER (Flower Initiation)	<input type="checkbox"/> To manage Alternaria leaf spot 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.
TOMATO (Fruit formation)	Prevailing fog condition may increase the infestation aphid. To control aphid need based spraying of neem oil formulation @ 600ml per acre or Flonicam @ 60g per acre is recommended.
POTATO (Vegetative)	To manage Aphids and Jassids during primary stage of pest infestation spray, neem based pesticide 1500 PPM @ 600 ml/acre. To manage these pests chemically, spray Thiamethoxam 25% W.G @ 40g /acre or Dinotefuran 20 % SG @ 80 g/acre or Flonicamid 50 % WG @ 60 g/acre by mixing in 200 litre of water.
(Flowering)	<input type="checkbox"/> To control thrips in rose, spray Fenpyroximate 5% EC @ 2 ml or Abamectin @1 ml per litre of water.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
COW	<input type="checkbox"/> Lumpy skin disease in cattle is prevalent in Odisha, where Infection typically causes fever, depression, skin nodules, and reduction in milk yield. It is spread by flies, mosquitoes and tick. Animal's shed should be cleaned. Consult to nearby veterinary doctor if Lumpy skin disease symptom is observed in cattle.

Poultry Specific Advisory:

Poultry	Poultry Specific Advisory
CHICKEN	<input type="checkbox"/> In poultry farming, ensure the chicks stay warm by using artificial lighting in the poultry houses. During winter insulate the poultry house against the cold wind by using gunny bag and at the same time take care of ventilation to avoid ammonia build up. <input type="checkbox"/> Feed enough mineral and calcium to laying birds @ 3.25% of feed intake.

Likely impacts of weather warnings (General)

Dense fog may cause travel disruption due to poor visibility. Cold wave may cause health issues to vulnerable Populations.

Impact based advisories (General)

Drive slowly during dense fog. Stay indoor and avoid going out.

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>