



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



Agromet Advisory Bulletin

Date : 2026-04-24

Weather Forecast of District JAGATSINGHAPUR (Odisha) Issued On : 2026-04-24 (Valid Till 08:30 IST of the next 5 days)

Parameter	2026-04-25	2026-04-26	2026-04-27	2026-04-28	2026-04-29
Rainfall(mm)	3.0	0.0	0.0	3.0	0.0
Tmax(°C)	32.0	39.0	33.0	34.0	34.0
Tmin(°C)	27.0	27.0	27.0	25.0	26.0
RH-I(%)	87	85	83	81	86
RH-II(%)	44	50	50	54	52
Wind Speed(kmph)	17	21	22	28	32
Wind Direction(Degree)	211	207	202	203	213
Cloud Cover(Octa)	2	1	1	3	1
Warning	Hot Day	Hot Day	No Warning	No Warning	No Warning

Forecast Summary:

As per the forecast received from IMD, the district of Jagatsinghpur may likely to receive light rainfall on next Saturday & Tuesday and dry weather on other days. The sky condition may remain mainly clear to partly cloudy until Wednesday. In the next five days, the wind may blow at 17- 32 km/h. The daily maximum and minimum temperatures will likely remain 32 - 39°C and 25-27°C, respectively.

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

Hot Day warning for next two days.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Use umbrella or wet cloth on head to protect from sun rays during the day time. Considering the next two days forecast of high day temperature along with hot and humid day condition, farmers are advised to avoid working during peak hot hours (12 PM to 4 PM) and use a wide brimmed hat or cloth to cover the head and neck.

General Advisory:

Harvest the rice crop at physiological maturity (85% grains matured in a panicle) and looks pale yellow in colour. It will minimize loss due to shattering of grains in summer paddy. Dry the harvested paddy grains in direct sunlight for 2-3 days to get the moisture content at 14%. Farmers are advised to frequently irrigate the crops as and when required, especially for sugarcane, summer maize, pulses and vegetables to avoid high temperature stress. Harvest the Green gram, black gram and groundnut

crop at physiological maturity stage and make their storage safe. After harvesting, dry the seeds until the optimum moisture content is attained. Clean the entire surface where the storage is to be done. □ Resort to drip and sprinkler irrigation practices wherever possible in the event of limited water availability particularly for commercial crops including fruit orchards and widely spaced vegetables. Sprinkler irrigation brings down the heat effect. Conserve upto 50% water by irrigating alternate rows. □ Cover the rows with dry leaves in Sugarcane. Top-dress with 4% potassium to protect crop from water scarcity during summer. □ Use umbrella or wet cloth on head to protect from sun rays during the day time. □ Considering the next two days forecast of high day temperature along with hot and humid day condition, farmers are advised to avoid working during peak hot hours (12 PM to 4 PM) and use a wide brimmed hat or cloth to cover the head and neck. □ Farmers are advised to keep animals and birds indoors with provision of sufficient clean drinking water.

SMS Advisory:

□ Farmers are advised to keep animals and birds indoors with provision of sufficient clean drinking water.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Soft Dough)	□ Ear cutting caterpillar- In case of ear cutting caterpillar incidence in paddy, spray Quinalphos 25EC @ 400 ml/acre or Chlorpyriphos 20EC @ 500ml/acre in 200 litres of water. It should be applied in the morning hour to the base of the crop. □ Neck Blast – To control Neck Blast disease spray Hexaconazole 5 % SC @ 400 ml/acre or Azoxystrobin 18.2% + Difenconazole 11.4 % S.C @ 200ml/acre or Tebuconazole 50%+ Trifloxystrobin 25 % WG @ 80 gram/acre.
SUGARCANE (Vegetative)	□ Early shoot borer In case of early shoot borer infestation in sugarcane crop, collect and destroy the egg masses manually. In furrow, apply Fipronil 0.3% GR @ 10 kg/acre at the time of first earthing up. In case of severe infestation spray Fipronil 5 % SC @ 600 ml/acre or Profenophos 50% EC @ 400ml/acre by mixing it in 200 litre of water.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
BRINJAL (Fruit formation)	□ After rainfall there is a chance of Bacterial wilt in Brinjal. To control this drench the soil with Plantomycin @ 15g with Copper Oxychloride @ 30 g/ 10 liters of water.
Menacinakahi (Fruit formation)	□ Mites To control infestation of mites in chilli spray Propargite 57% EC @ 600 ml/acre or Spiromesifen 22.9% SC @ 160 ml/acre or Diafenthiuron 50% WP @ 250 g/acre.
CHILLI (Fruit formation)	□ Mites To control infestation of mites in chilli spray Propargite 57% EC @ 600 ml/acre or Spiromesifen 22.9% SC @ 160 ml/acre or Diafenthiuron 50% WP @ 250 g/acre.
CUCUMBER (Vegetative)	□ There are chances of infestation of Epilachna Beetle/Hadda beetle in cucurbits crop. To manage Epilachna Beetle in cucurbits 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 1500 PPM @ 3 ml/litre of water at early stage of infestation. Spray Chlorpyriphos 20 % EC @ 2 ml/litre of water or Profenophos 50 % EC @ 2ml/litre of water.
PAPAYA (Vegetative)	□ Powdery mildew and black spot: In prevailing weather condition, infestation of powdery mildew and black spot disease may notice in Papaya. To manage powdery mildew and black spot spray Thiophanate Methyl 70% WP @ 1g/Litre of water.

Horticulture (Stage)	Horticulture Specific Advisory
COCONUT (Fruit formation)	Black headed caterpillar To manage black headed caterpillar in coconut, install Bracon card in the frond of the plant. Cut the affected leaves and burn it. Spray Chlorantraniliprole 18.5 % SC@ 4 ml/ 10litre of water or Emamectin Benzoate 5 % SG @ 4g/10 litre of water.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
COW	<input type="checkbox"/> Looking to the prevailing heat wave condition, farmers are advised to provide fresh clean cool drinking water along with mineral mixture and also increase the amount of drinking water supply to the animals and provide sufficient green fodder to keep them healthy. Allow them for grazing either in morning or in afternoon hour. Do bathing twice a day. Place wet gunny bags on the windows and doors during day time. Use fans for well ventilation. Feed less in the morning and more in the evening.

Fisheries Specific Advisory:

Fisheries	Fisheries Specific Advisory
INDIAN MAJOR CARP	<input type="checkbox"/> Considering high day temperature along with heat wave condition water depth in the fish pond should be raised from 0.8 m to 1.0 m by adding fresh water. Reduce the quantity of feed by 10-20% compared to normal condition and make provision for supplying cool water into the pond, so that the temperature remains in the range of 13-18°C for as long as possible.

Poultry Specific Advisory:

Poultry	Poultry Specific Advisory
CHICKEN	<input type="checkbox"/> Due to severe heat there is reduction of growth rate and egg production in poultry and if the treatment is not provided in time then the bird may die. While constructing poultry shed keep in mind that the direct sun rays shouldn't enter, there should be proper ventilation, the roof should be high and side walls should be low. Plant pumpkin or similar plants over roof to avoid direct sunlight. Spray water over the poultry birds but keep in mind that the litre material should not get wet. The poultry shed remain cool by hanging wet gunny bag over side walls. The litre should be turned from time to time because it holds heat and increases the temperature inside shed. Plant green plants around the shed.

Likely impacts of weather warnings (General)

<input type="checkbox"/> Use umbrella or wet cloth on head to protect from sun rays during the day time. <input type="checkbox"/> Considering the next two days forecast of high day temperature along with hot and humid day condition, farmers are advised to avoid working during peak hot hours (12 PM to 4 PM) and use a wide brimmed hat or cloth to cover the head and neck.

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>

