



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



Agromet Advisory Bulletin

Date : 2026-03-24

Weather Forecast of District JAGATSINGHAPUR (Odisha) Issued On : 2026-03-24 (Valid Till 08:30 IST of the next 5 days)

Parameter	2026-03-25	2026-03-26	2026-03-27	2026-03-28	2026-03-29
Rainfall(mm)	2.0	1.0	2.0	7.0	15.0
Tmax(°C)	32.0	34.0	34.0	34.0	33.0
Tmin(°C)	24.0	24.0	24.0	21.0	20.0
RH-I(%)	90	90	87	84	85
RH-II(%)	47	43	40	41	41
Wind Speed(kmph)	6	11	13	16	17
Wind Direction(Degree)	220	218	217	216	214
Cloud Cover(Octa)	2	1	2	4	5
Warning	No Warning	No Warning	No Warning	Thunderstorms & Lightning, Squall etc	No Warning

Forecast Summary:

As per the forecast received from IMD, the district of Jagatsinghpur may likely to receive very light to light rainfall for the next five days. The sky condition may remain mainly clear to generally cloudy until Sunday. In the next five days, the wind may blow at 06- 17 km/h. The daily maximum and minimum temperatures will likely remain 32 - 34°C and 20-24°C, respectively.

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

Thunderstorms and lightning warning for the next Saturday.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

As there is a chance of thunderstorm and lightening activity, 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:

Harvest the mature vegetables immediately. Cover the harvested produce with polythene sheet. In view of forecasted gusty winds, provide mechanical support to cucurbits and staking to Tomato, Banana and Papaya plants. 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. Withheld spraying of pesticide and irrigation activities for some days as there is a chance of rainfall or thundershower. Regular monitoring of crop field is advisable for incidence of insects and diseases. Drain out the excess water from standing vegetable crops and Banana plant as soon as possible. As there is a chance of thunderstorm and lightening activity, 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. Pluck the marigold, rose, chrysanthemum flowers as their quality may deteriorate because of untimely rainfall. Provide sufficient drinking water to dairy animals and Poultry birds.

SMS Advisory:

In view of forecasted gusty winds, provide mechanical support to cucurbits and staking to Tomato, Banana and Papaya plants.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Panicle Initiation)	<input type="checkbox"/> Swarming Caterpillar After receding of rain water there is a chance of infestation of Swarming Caterpillar. To control this spray Chlorpyriphos 50 % + Cypermethrin 5 % EC @ 400 ml/acre or Lambda-cyhalothrin @ 400 ml/acre during clear weather conditions. <input type="checkbox"/> Leaf folder Prevailing weather conditions are congenial for Leaf folder pest incidence in Paddy. To control Leaf Folder during clear weather condition, spray Fipronil 5% SC@ 400-ml/acre or Profenophos 50% EC @ 400-ml/acre or Chlorantraniliprole 18.5% SC @ 60-ml /acre.
BLACK GRAM (Pod Development)	<input type="checkbox"/> Powdery mildew To control powdery mildew disease in Blackgram and Greengram crop during clear weather condition, spray Hexaconazole 5% E.C @ 300 ml/acre or Propiconazole 25% EC @ 200 ml/acre or Penconazole 10% EC @ 100 ml/acre by mixing in 200 litre of water.
SUGARCANE (Vegetative)	<input type="checkbox"/> Early Shoot Borer In case of severe infestation during clear weather condition, spray Fipronil 5 % SC @ 600ml/acre or Profenophos 50% EC @ 400ml/acre or Chlorantraniliprole 18.5 % SC @ 150-ml/acre by mixing it in 200-litre of water.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
BRINJAL (Fruit formation)	<input type="checkbox"/> Fruit and Shoot borer Install pheromone trap/Wata trap @ 8 nos. per acre area at vegetative stage and replace lure after 3 weeks. To control chemically, spray Spinosad 45% SC @ 5.5 ml by mixing with 15 liters of water or Thiodicarb 75 % WP @ 2ml/ltr of water during clear weather conditions.
BITTER GOURD (Flower Initiation)	Downy mildew disease After cessation of rain, downy mildew disease will appear in cucurbits. To control it, go for alternate spray of Metalaxyl+Mancozeb @ 2g /litre and Azoxystrobin+Tebuconazole @0.6g/litre of water at 10 days interval during clear weather condition.
Menacinakahi (Fruit formation)	<input type="checkbox"/> Fruit rot and die back During clear weather condition to control Fruit rot and die back, spray Propineb 70 % WP @ 500 g/acre or Difenconazole 25 % EC @ 100 ml/acre or Azoxystrobin 23 % SC @ 200 ml/acre. The fungicide should be sprayed first just before flowering and second at fruit formation stage.
CHILLI (Fruit formation)	<input type="checkbox"/> Fruit rot and die back During clear weather condition to control Fruit rot and die back, spray Propineb 70 % WP @ 500 g/acre or Difenconazole 25 % EC @ 100 ml/acre or Azoxystrobin 23 % SC @ 200 ml/acre. The fungicide should be sprayed first just before flowering and second at fruit formation stage.

Horticulture (Stage)	Horticulture Specific Advisory
POINTED GOURD (PARWAL) (Fruit formation)	Pointed gourd is at flowering and fruiting stage. Don't go for weeding. Grasses and weeds will help in maintaining the humidity and it is safe for creeping of the vines and does not allow the fruit to come in contact with soil and avoid fruit rot.
OKRA/ LADYFINGER (Fruit formation)	☐ Shoot and Fruit Borer management To manage the pest, remove the affected terminal shoot showing bore holes and the affected fruits. During primary stage of pest infestation spray neem-based pesticide (Azadirachtin) 1500 PPM @ 600-ml/acre by mixing in 200-litre of water. To manage the pest biologically spray Bacillus thuringiensis var. Kurstaki 5 % WP @ 400-gram/acre. To manage the pest chemically spray Emamectin Benzoate 5% SG @ 80-gram/ acre or Chlorantraniliprole 18.5 % SC @80-ml/acre or Pyridalyl 10% EC @ 300-ml/acre by mixing in 200-litre of water during clear weather conditions.
MANGO (Fruit formation)	☐ Mango hopper To control mango hoppers spray Imidacloprid 17.8% SL @ 5 ml/15 litre of water or Thiamethoxam 25% W.G @ 3ml/15litre of water or Acetamiprid 20% S.P. @ 4g /15litre of water during clear weather condition. Application of smoke below the plants can also help in reducing the pest population.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
COW	☐ As there is a chance of thunderstorm and lightening activity, Keep the animals away from water bodies and other metal farm equipment. Don't allow your animals to congregate under trees. Provide sufficient foods and water to animals and keep the foods in safer place to protect from rain.

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>