



Agromet Advisory Bulletin

Date : 2025-10-03

Weather Forecast of District GAJAPATI (Odisha) Issued On : 2025-10-03 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-10-04	2025-10-05	2025-10-06	2025-10-07	2025-10-08
Rainfall(mm)	5.0	5.0	6.1	8.5	8.0
Tmax(°C)	27.9	29.2	29.2	28.8	28.0
Tmin(°C)	22.1	22.7	22.6	22.4	22.1
RH-I(%)	97	97	97	97	96
RH-II(%)	79	74	72	74	73
Wind Speed(kmph)	5	2	3	3	3
Wind Direction(Degree)	238	252	238	277	310
Cloud Cover(Octa)	6	5	6	7	6
Warning	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	No Warning	No Warning

Forecast Summary:

According to the weather forecast received from India Meteorological Department, the district is likely to receive light rain up to Tuesday with generally cloudy sky. The wind speed is likely to remain within 02.0 to 05.0 kmph for the next five days. The daily maximum and minimum temperature may range between 33.0°C to 35.0°C and 24.0°C to 26.0°C respectively. Relative humidity during the morning and the afternoon may range between 96 to 97 percent and 72 to 79 percent respectively.

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

YELLOW WARNING (BE AWARE): - Thunderstorms & Lightning, Squall etc; Strong Surface Winds

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Lodging of vegetable crops Damage to Nursery Damage and lodging of fruit crops Water logging in fields

General Advisory:

The mean maximum daily temperature was 33.4°C and the mean minimum daily temperature was 23.7°C of the Gajapati district during the last week. The district received 198.7 mm of rainfall during the last week. Maintain about 5-10 cm standing water during panicle initiation stage in Paddy. Remove the weeds and keep the field clean. For controlling Fruit and Shoot borer in brinjal and okra, apply Emamectin benzoate @ 60 gm or spinosad @70 ml per acre. To manage Epilachna Beetle in cucurbits spray neem-based pesticide (Neem Oil 1500 PPM) @ 3-ml/litre of water at early stage of infestation.

SMS Advisory:

For monitoring of sucking pests, fruit fly and borer insect in vegetables farmers are advised to use pheromone trap @ 8 nos./acre.

Others (Soil / Land Preparation) Specific Advisory:

Others (Soil / Land Preparation)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	Drain out excess water from paddy and non-paddy fields by keeping the drain ends open. Withhold application of fertilizer and pesticide until rainwater recedes. Make arrangements for covering plastic cover or polythene sheet for vegetable nurseries like tomato, chilli and brinjal. After the receding of rainwater, wash the muddy leaves and remove the yellow leaves of the plants.
GENERAL ADVICE	Due to Depression over South Odisha, the district has received very heavy to extremely heavy rainfall. Due to which paddy crop in medium and lowland has become submerged in many places. In such cases drain out excess water from field if possible. There are chances of appearance of iron toxicity symptoms like lesser tillering, yellowing of leaves and stunted growth due to stagnant water. In such cases try to drain out stagnant water and apply 10-kg of MOP and 10-kg of Zinc Sulphate 21% per acre. If the wooden support or trellis of the Creeper vegetables has fallen due to heavy rain than keep it upright.
GENERAL ADVICE	There are chances of damping off disease in vegetable nursery. To manage it drench nursery bed with 2-gram Captan/litre of water or 2.5-gram Copper Oxychloride/litre of water.
GENERAL ADVICE	To manage wilt and rot disease in vegetable crops, drench the root zone with a solution of 1.5-gram Streptocycline and 20-gram Metalaxyl 8% + Mancozeb 64 % WP mixed in 10 litres of water.
PLANT PROTECTION	To manage the vectors of the yellow vein mosaic disease, install 8-10 Nos of Yellow sticky traps starting from 10-12 DAS. In case of severe infestation spray Thiamethoxam 25 % WG @ 40-gram/acre or Acetamiprid 20 % SP @ 50-gram/acre by mixing it in 200-litre of water.

Likely impacts of weather warnings (General)

Lodging of vegetable crops Damage to Nursery Damage and lodging of fruit crops Water logging in fields

Impact based advisories (General)

1. Lodging of vegetable crops • Open drain and channels in vegetable fields to facilitate drainage of excess water. • Harvest the vegetables like cauliflower and cabbage if heads are ready to use. • Pick matured fruits as soon as earlier and send to market • Hilling, earthing up or ridging should be done in vegetables plants. • Withhold spraying of pesticides and irrigation for the time being. Cover the vegetable nursery with polythene sheet to save it from rain. • There are chances of wilt and root rot disease incidence in vegetable crops after the rain. To manage wilt disease in vegetable crops, drench the root zone with a solution of 1.5-gram Streptocycline and 20-gram Metalaxyl 8% + Mancozeb 64 % WP mixed in 10 litres of water. • Make strong support for trailing type vegetables. • Provide bamboo or wooden stake to prevent lodging of tomato plants. 2. Damage to Nursery • Adequate drainage facilities in the nursery beds should be provided. • When there is raining, cover t

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>