



## Agromet Advisory Bulletin

Date : 2025-10-28

Weather Forecast of District GAJAPATI (Odisha) Issued On : 2025-10-28 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-10-29	2025-10-30	2025-10-31	2025-11-01	2025-11-02
Rainfall(mm)	80.0	65.0	20.0	10.0	7.0
Tmax(°C)	29.0	29.0	30.0	30.0	31.0
Tmin(°C)	23.0	21.0	20.0	20.0	21.0
RH-I(%)	92	97	97	97	95
RH-II(%)	79	79	78	68	64
Wind Speed(kmph)	11	6	2	2	4
Wind Direction(Degree)	360	162	225	309	315
Cloud Cover(Octa)	8	7	6	5	4
Warning	Extremely Heavy Rain; Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Heavy Rain; Thunderstorms & Lightning, Squall etc; Strong Surface Winds	No Warning	No Warning	No Warning

### Forecast Summary:

According to the weather forecast received from India Meteorological Department, the district is likely to receive light to heavy rain up to Saturday with partly cloudy to overcast sky. The wind speed is likely to remain within 02.0 to 11.0 kmph for the next five days. The daily maximum and minimum temperature may range between 29.0°C to 31.0°C and 20.0°C to 23.0°C respectively. Relative humidity during the morning and the afternoon may range between 92 to 97 percent and 64 to 79 percent respectively.

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

**RED WARNING (TAKE ACTION):** - Extremely Heavy Rain; 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 32.7°C and the mean minimum daily temperature was 22.0°C of the Gajapati district during the last week. The district received 76.9 mm of rainfall during the last week. Keep the harvested paddy and non-paddy crops in safer and water proof place to avoid rainfall and high wind speed. Go for plucking of flowers to avoid deterioration of flower quality. Make

strong wooden support for papaya and banana plants to avoid lodging due to high wind speed. Harvest the mature vegetables. Make strong support for trailing type vegetables. Avoid spraying of Pesticides during this period. Don't let the domestic animal outside during this period. Make provision of fodder and clean drinking water for 4-5 days. Don't tie cattle under trees or near any big trees.

#### SMS Advisory:

Harvested produce should be kept in safe place and make provision for drainage in standing paddy and non-paddy crops

#### Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE	<ul style="list-style-type: none"> <li><input type="checkbox"/> Harvest the paddy if 85% of the panicle is matured and keep in a safe place.</li> <li><input type="checkbox"/> If the crop has already been harvested, store them in safe place by covering with polythene sheet.</li> <li><input type="checkbox"/> Withhold application of irrigation &amp; pesticides for the time being.</li> <li><input type="checkbox"/> After receding of rain water there is chance of infestation of Ear Cutting Caterpillar. To manage spray Chlorpyrifos 50 % + Cypermethrin 5 % EC @ 400-ml/acre or Lambda-cyhalothrin @ 300-ml/acre after cessation of rain.</li> <li>• There is chance of sheath rot and sheath blight in paddy. To manage this disease spray Tebuconazole 50%+ Trifloxystrobin 25 % WG @ 80 gram/acre or Propiconazole 25% EC @ 200ml/acre.</li> </ul>
COTTON	<ul style="list-style-type: none"> <li><input type="checkbox"/> Care should be taken for drainage of excess water from the field.</li> <li><input type="checkbox"/> Withhold application of pesticides for the time being.</li> <li><input type="checkbox"/> Pluck fully opened cotton boll to protect from heavy rain damage.</li> </ul>
FINGER MILLET	<ul style="list-style-type: none"> <li><input type="checkbox"/> Harvest the matured produces and keep in a safe place.</li> <li><input type="checkbox"/> Make provision for draining out excess water.</li> <li><input type="checkbox"/> Withhold application of pesticides for the time being.</li> </ul>

#### Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
FRENCH BEAN	<ul style="list-style-type: none"> <li>• Harvest the mature produce and sell in the market.</li> <li>• Keep the drainage channels open to drain out excess rain water.</li> <li>• Spray Chlorpyrifos 20%EC @ 3ml per litre of water.</li> </ul>

#### Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
COW	<ul style="list-style-type: none"> <li><input type="checkbox"/> Repair the sheds before rainfall</li> <li><input type="checkbox"/> Keep feed for 3-5 days and make arrangement for clean drinking water, in case of any emergency</li> <li><input type="checkbox"/> Keep fodder at a safe place to avoid spoilage from rainfall</li> <li><input type="checkbox"/> Keep the animals indoors</li> <li>Give them green grass, protein-fat bypass supplement, mineral mixture and salt. Make them graze during cooler hours.</li> </ul>

#### Fisheries Specific Advisory:

Fisheries	Fisheries Specific Advisory
COMMON FISH	<ul style="list-style-type: none"> <li>• Bamboo or nylon mesh screens should be erected at the inlets and outlets to prevent loss and entry of unwanted fish.</li> <li>• Nylon nets may be erected on bunds to prevent loss of fish with overflowing water.</li> <li>• Heavy rainfall may decrease the salinity of water in the pond. Farmers are advised to apply alkydimethyl-benzyl ammonium chloride (3ppm) as a disinfectant after cessation of rain.</li> </ul>

#### Others (Soil / Land Preparation) Specific Advisory:

Others (Soil / Land Preparation)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	<input type="checkbox"/> Harvest the mature produce. <input type="checkbox"/> Make arrangement for covering plastic cover or polythene sheet for vegetables nursery like tomato, chilli and brinjal and cole crops. <input type="checkbox"/> Keep the drainage channels open to drain out excess rain water from vegetable crops. <input type="checkbox"/> Do not apply any fertilizer or pesticide until rain water recedes. <input type="checkbox"/> After receding of rainwater, wash the muddy leaves or remove them from plants. <input type="checkbox"/> Provide staking to injured plants for stabilization. <input type="checkbox"/> 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 lit of water. <input type="checkbox"/> Delay seed placement if it has not been completed.
GENERAL ADVICE	<input type="checkbox"/> Provide staking with help of bamboo or stick in newly planted banana, papaya, rose, gladiolus etc. as precautionary measure. <input type="checkbox"/> Harvest the fully opened flowers.

### 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>**