



## Agromet Advisory Bulletin

Date : 2025-09-26

Weather Forecast of District GAJAPATI (Odisha) Issued On : 2025-09-26 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-09-27	2025-09-28	2025-09-29	2025-09-30	2025-10-01
Rainfall(mm)	65.0	30.0	15.0	10.0	8.0
Tmax(°C)	31.0	31.0	30.0	30.0	31.0
Tmin(°C)	24.0	23.0	24.0	25.0	25.0
RH-I(%)	96	97	98	97	96
RH-II(%)	74	79	74	75	75
Wind Speed(kmph)	2	1	1	3	3
Wind Direction(Degree)	27	108	45	315	311
Cloud Cover(Octa)	8	7	6	6	5
Warning	Heavy Rain; Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Heavy Rain; 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 to moderate rain up to Tuesday with generally cloudy to overcast sky. The wind speed is likely to remain within 01.0 to 03.0 kmph for the next five days. The daily maximum and minimum temperature may range from 30.0°C to 31.0°C and 24.0°C to 25.0°C respectively. Relative humidity during the morning and the afternoon may range between 96 to 98 percent and 74 to 79 percent respectively.

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

**ORANGE WARNING (BE PREPARED TO TAKE ACTION):** - 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 34.1°C and the mean minimum daily temperature was 24.6°C of the Gajapati district during the last week. The district received 68.2 mm of rainfall during the last week. Apply herbicide Bispyribac Sodium 10 SC @120 ml/acre at 10-12 DAT (2-3 leaf stage of weed) or spray ready mix Penoxulam + Cyhalofop butyl @ 900 ml/acre or spray tank mix Fenoxaprop-ethyl 240g + Ethoxysulfuron 50g per acre at 15-20 DAT in 8 tanks of 16 litre capacity sprayer at 15-20 days after transplanting. In shallow lowland/ medium land transplanted rice, apply 35 kg urea/acre for HYV and 42 kg of urea/acre for hybrids at tillering stage. In Zinc deficient soil, if Zinc sulphate (ZnSO<sub>4</sub>) has not been applied during final land preparation, spray Zn-EDTA @ 0.5 g/litre of water at 30 and 45 days after transplanting of rice or spray 0.5% ZnSO<sub>4</sub> solution (2 kg ZnSO<sub>4</sub> +10 kg of lime in 400 litres of water per acre) thrice at 15 days' interval on appearance of deficiency symptom in the field. Maintain 2-3 cm standing water during tillering stage in paddy. if not applied earlier. Regular monitoring of the crop for incidence of pest and diseases should be done. Keep the animal sheds clean and dry. Provide sufficient foods and water to animals and keep the foods in safer place to protect from rain.

## SMS Advisory:

In view of five days weather forecast, withhold application of pesticides and fertilizers for next five days.

## Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
GOAT	By using sand over the floor we can keep the floor dry so that the animals are kept free from different diseases. The speciality of this shed is the floor is made of bricks and cement and sand from river is spread over it by a thickness of 4-6 inches. The sand soaks the urine so that the animals can sleep over it comfortably. It is also easier to clean the faecal material over the sand floor. To keep the sand dry it is stirred upside down in 15-20 days interval. The floor space requirement for kid is 0.5, for adult 1.2, for buck and pregnant female 2 square metre floor space is necessary which is suitable for every type of shed.
COW	Ensure proper shelter to keep cattle and buffalo dry and prevent hoof infections during monsoon rain. Deworm the cattle, particularly the calves. Vaccinate them as required. Provide clean, dry bedding and avoid waterlogged grazing areas to reduce the risk of diseases like foot rot and mastitis.

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

Others (Soil / Land Preparation)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	The well marked low pressure area over northwest and adjoining central Bay of Bengal persisted over the same region at 0830 hrs IST of today, the 26th September. It is very likely to move westwards and concentrate into a Depression over northwest and adjoining westcentral Bay of Bengal off South Odisha- North Andhra Pradesh coasts during next 24 hours. It is very likely to cross South Odisha-North Andhra Pradesh coasts around 27th September morning.
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

Others (Soil / Land Preparation)	Others (Soil / Land Preparation) Specific Advisory
	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.

### 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](https://play.google.com/store/apps/details/)**

**Damini MobileApp link : [https://play.google.com/store/apps/details](https://play.google.com/store/apps/details/)**