



Agromet Advisory Bulletin

Date : 2025-09-12

Weather Forecast of District GAJAPATI (Odisha) Issued On : 2025-09-12 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-09-13	2025-09-14	2025-09-15	2025-09-16	2025-09-17
Rainfall(mm)	25.0	15.0	12.0	10.0	10.0
Tmax(°C)	33.0	34.0	33.0	33.0	33.0
Tmin(°C)	26.0	26.0	25.0	25.0	25.0
RH-I(%)	97	96	97	97	97
RH-II(%)	68	72	72	72	73
Wind Speed(kmph)	1	1	2	4	4
Wind Direction(Degree)	56	108	225	233	229
Cloud Cover(Octa)	7	6	5	5	5
Warning	Heavy Rain; Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Thunderstorms & Lightning, Squall etc; Strong Surface Winds

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 sky. The wind speed is likely to remain within 01.0 to 04.0 kmph for the next five days. The daily maximum and minimum temperature may range from 33.0°C to 34.0°C and 25.0°C to 26.0°C respectively. Relative humidity during the morning and the afternoon may range between 96 to 97 percent and 68 to 73 percent respectively.

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

YELLOW WARNING (BE AWARE): - 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 34.9°C and the mean minimum daily temperature was 25.0°C of the Gajapati district during the last week. The district received 49.4 mm of rainfall during the last week. In view of five days weather forecast received from IMD, farmers are advised to withhold application of fertilizers and plant protection chemicals for the time being. Apply balanced and

appropriate fertilizers according to crop's growth stage. Avoid excess nitrogen as it promotes excessive vegetative growth and increase water demand. Always consider an integrated approach of preventive measures together with biological treatment if available to protect the crop from pests. Extensive insecticide use can lead to resistance in the pest. To prevent this, ensure proper rotation between insecticides and use mixtures.

SMS Advisory:

Use light trap to monitor insect population so that timely control measure can be taken.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Panicle Initiation)	Leaf Folder- Whenever two folded leaves/ hill observed, then to control leaf folder, spray Chlorantraniliprole 18.5% SC @ 60 ml/acre or Flubendiamide 20 WG 50g/acre or, Cartap hydrochloride 50 WP@ 400 g/acre or Tetraniliprole 200 SC @ 100 – 120 ml/acre in 200 litres of water. Bacterial Leaf Blight-To manage this disease spray Copper Hydroxide 53.8% DF @ 600-gram/acre or 200-gram Plantomycin along with Copper Oxy Chloride 50% WP @ 600-gram/acre.
GROUNDNUT (Pod formation)	Tikka disease Management- To manage this disease sprays Chlorothalonil 75% WP @ 400-gram/ acre or Mancozeb 75% WP@ 600- gram/acre or Hexaconazole 5% E.C @ 300-ml/acre.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
BRINJAL (Fruit Maturity)	Wilt disease- During clear weather condition to manage wilt in brinjal drench the root zone and soil with combination of Tebuconazole 25.9% EC @ 200-ml/acre and Plantomycin @ 200-gram/acre.
PUMPKIN (Fruit Maturity)	Red Pumpkin Beetle- To manage Red Pumpkin Beetle in Cucurbit crops, Cyantraniliprole 10.26% OD @ 400-ml/acre or Imidacloprid 17.8% SL @ 60-ml/ acre or Chlorpyrifos 20% EC @ 400-ml/acre.
COWPEA/ LOBIA (Fruit Maturity)	Gram pod borer- To manage gram pod borer in cowpea spraying of Emamactin benzoate @ 80-gram/ acre by mixing it in 200 litre of water.
MARIGOLD (Vegetative)	Red Spider Mites- To manage Red Spider Mites in Marigold and rose spray wettable sulphur 80 % WP @ 2-gram/litre of water or Propargite 57 % EC @ 2-ml/litre of water or Fenpyroximate 5 % EC @ 2-ml/litre of water.

Fisheries Specific Advisory:

Fisheries	Fisheries Specific Advisory
FRESH WATER	Afterstocking of Fingerling, groundnut oil cake and rice bran at 1:1 ratio as feed given @ 5% of theirbody weight twice a day. Add vitamine and mineral mixture @1%of the total feed given to thefish. Regularly check the pH and water temperature after stocking the fingerling. Add 40 kg of lime per acre to purify the pond water. To increase the amount of plankton in the pond, apply 200 kg of cow dung and 4 kg of super phosphate per acre twice a month.

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 vegetable 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>