



Agromet Advisory Bulletin

Date : 2025-12-12

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

Parameter	2025-12-13	2025-12-14	2025-12-15	2025-12-16	2025-12-17
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	30.0	30.0	30.0	30.0	30.0
Tmin(°C)	12.0	13.0	13.0	13.0	13.0
RH-I(%)	74	75	74	72	79
RH-II(%)	28	32	33	31	36
Wind Speed(kmph)	2	3	2	2	3
Wind Direction(Degree)	18	8	90	9	8
Cloud Cover(Octa)	0	0	1	0	1
Warning	No Warning	No Warning	No Warning	No Warning	No Warning

Forecast Summary:

According to the weather forecast received from India Meteorological Department, the district is likely dry up to Tuesday with clear to mainly clear sky. The wind speed is likely to remain within 02.0 to 03.0 kmph for the next five days. The daily maximum and minimum temperature may range between 30.0°C and 12.0°C to 13.0°C respectively. Relative humidity during the morning and the afternoon may range between 72 to 79 percent and 28 to 36 percent respectively.

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

No warning

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

No impact

General Advisory:

The mean maximum daily temperature was 30.1°C and the mean minimum daily temperature was 13.4°C of the Gajapati district during the last week. The district received 00.0 mm of rainfall during the last week. Provide light irrigation to standing vegetables and crops during morning hours to prevent damage from fog, low temperature and moisture stress. Due to low night temperature and fog condition, there will be chance of infestation of sucking pests, leaf blight, powdery mildew in the Rabi crops and vegetables. Monitor the crops and vegetables, if symptoms are noticed, undertake appropriate plant protection measures. Carry out weeding, hoeing and other intercultural operations in Rabi vegetables. In Cole crops irrigation should be done at 7-8 Days interval depending upon soil moisture and weather condition. In winter during cold hours farmers should keep doors, windows and open spaces in cow sheds covered with polythene or gunny bag curtains to prevent direct contact to cold air. For maintaining the heat in the poultry shed during winter season, install heaters in the shed.

SMS Advisory:

Use low cost polythene cover above the vegetables nursery to avoid poor germination due to low temperature.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE	Soon after noticing the infestation of the stored grain insect pest, take up fumigation by using Aluminium phosphide (do not use in dwelling houses) tablets @ of 3 tablets/ ton grain (total 9 g of tablets) in fairly air tight containers or by covering with thick tarpaulin leaving no gaps. The tablets should be wrapped in cotton pouches before placing them in the stacks. All the corners of plastic cover should be plastered with 6- inch thick layer of mud/ adhesive tapes to prevent leakage of gas. Minimum exposure period is for about 7-10 days.
COTTON	Pick cotton only after the morning dew has dried to ensure dryness and reduce the risk of fungal infection during storage. Dry the seed cotton on concrete floor or tarpaulin sheets to reduce the moisture to 8-10%. Store the seed cotton obtained from the 1st picking separately for getting better price. Use a second smaller picking bag to keep cotton of lower quality separate from the good quality cotton. Farmers are advised to sell their seed cotton in the nearby "Mandi" to get MSP (Rs.8110/qt) for long staple cotton.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
CABBAGE	To manage Diamond Back Moth install 6-8 nos of light traps per acre. During primary stage of pest infestation spray neembased pesticide (Azadirachtin) 300 PPM @ 1-litre/acre by mixing in 200-litre of water. Spray Tolfenpyrad 15 % EC @ 400-ml/acre or Flubendiamide 20 % WG @ 20-gram/acre or Emamectin Benzoate 5 % SG @ @80-gram/acre by mixing in 200-litre of water.
TOMATO	Use yellow sticky traps @ 8-10/acre to attract and kill the insects. During primary stage of pest infestation spray neem-based pesticide (Azadirachtin) 1500 PPM @ 600 ml/acre by mixing in 200 litre of water. Spray Thiamethoxam 25 % WG @ 40 g/acre or Pyriproxifen 10% EC @ 200 ml/acre or Spiromesifen 22.9% SC @ 250 ml/acre by mixing in 200 litre of water.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
COW	Animal's shed and its floor should not remain wet and cool for longer periods of time. This may expose the animals, especially younger ones, to various ailments like pneumonia, fever, coccidiosis, diarrhoea and even death in severe case. Good ventilation must be ensured during winter.

Fisheries Specific Advisory:

Fisheries	Fisheries Specific Advisory
COMMON CARP	During winters, there is a possibility of "EUS" disease in fish. Farmers are advised to apply Cifax @ 400 ml mixed with 40 litre of water in one acre pond area as a preventive measure. The fishes should be fed daily with oil cake bran mixture at the rate of 2-3 % of their total biomass.

Poultry Specific Advisory:

Poultry	Poultry Specific Advisory
CHICK	It is very essential to take proper care of chicks during brooding. Maintain brooder temperature; 1st week: 32-35°C, Reduce by 2-3°C every week, Use

Poultry	Poultry Specific Advisory
	bulbs, brooder guards, polythene sheets to reduce cold stress. Avoid overcrowding to prevent respiratory diseases.

Others (Soil / Land Preparation) Specific Advisory:

Others (Soil / Land Preparation)	Others (Soil / Land Preparation) Specific Advisory
PLANT PROTECTION	To control leaf eating caterpillar and fruit borer in winter vegetables like Brinjal, Cauliflower, Cabbage, Chilly & tomato apply 0.5 g Emamectin benzoate or 0.4 ml Spinosad per liter of water.

Likely impacts of weather warnings (General)

No impact

Impact based advisories (General)

No impact

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>