



Agromet Advisory Bulletin

Date : 2025-12-02

Weather Forecast of District GAJAPATI (Odisha) Issued On : 2025-12-02 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-12-03	2025-12-04	2025-12-05	2025-12-06	2025-12-07
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	31.0	31.0	32.0	32.0	32.0
Tmin(°C)	16.0	16.0	15.0	15.0	15.0
RH-I(%)	84	84	79	66	69
RH-II(%)	49	43	34	32	32
Wind Speed(kmph)	3	2	4	4	3
Wind Direction(Degree)	40	22	11	22	353
Cloud Cover(Octa)	4	4	3	3	2
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 to dry up to Saturday with mainly clear to partly cloudy sky. The wind speed is likely to remain within 02.0 to 04.0 kmph for the next five days. The daily maximum and minimum temperature may range between 31.0°C to 32.0°C and 15.0°C to 16.0°C respectively. Relative humidity during the morning and the afternoon may range between 66 to 84 percent and 32 to 49 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 16.4°C of the Gajapati district during the last week. The district received 05.3 mm of rainfall during the last week. Based on the five-day weather forecast of IMD, farmers are advised to undertake necessary agricultural activities, including weeding, fertilization, irrigation, harvesting and pesticide application. Undertake sowing of rabi crops like green Gram, Black gram, Toria, Chick pea, Lentil, Sunflower, Groundnut, Cowpea, Field pea etc. in medium or shallow low land to utilize the available soil moisture in the field. Rouging of viral infested crop should be done in chilli, tomato & brinjal. Infected plants should be uprooted and buried in the soil. Pulses like lentil/black gram/green gram can be broadcasted in the standing matured crop (Rice) one week before harvesting to utilize the residual moisture in the soil in suitable areas.

SMS Advisory:

The livestock and poultry shed need be repaired before winter to protect from low night temperature. The shed may be covered with polythene sheet or gunny cloth to obstruct the flow of wind.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE	In early maturing varieties, harvest the crop when 80-85% of the grains are matured either manually by sickle or by using combine harvester or reaper. Paddy grains need to be sun-dried to 14% moisture content for consumption purpose and for seed purpose it should be dried to 12% moisture for better self-life. Drain out the water from paddy field, 15 days before harvesting the crop. Store the harvested paddy in Super Grain bag for retaining the quality texture, colors, aroma, fragrance and taste of the commodities for longer period of time a safer place (properly stacked with suitable cover) to avoid damage.
SUNFLOWER	Sunflower is a profitable rabi oilseed crop. Now the time is optimum for sowing of sunflower. Grow high yielding varieties like Morden, Sunrise, Surya and Hybrid varieties like KBSH-1, KBSH-3 and MSFH. Use 4 kg seeds/acre for high yielding varieties for rainfed condition, 3.5 kg for irrigated condition, 2-2.5 kg seeds/acre for hybrid varieties under rainfed condition and 1.5-2 kg seeds for irrigated condition. Before sowing treat the seeds with 2 g Carbendazim/kg seeds. To protect the crop from fungal wilt, treat the seeds with 4 g Trichoderma/kg. Soak the seeds for 10-12 hours for better germination. Use 600 g PSB culture per acre after draining out the water. Apply 2 ton FYM along with 8:16:12 kg NPK per acre for high yielding varieties and double of it for hybrid varieties before sowing. Sow the seeds 30 cm apart maintaining a row spacing of 45 cm for loamy soil and 60 cm for clayey soil.
MUSTARD	Optimum time for sowing of Rabi mustard has come, use varieties like T-9, PT-303, Nirmal black gold, ultra and 3-5 kg of seed for line sowing. Use 3 gram of Captan or Thiram per 1 kg of seed. Give spacing of 20*10 cm in late varieties and 30*10 cm in early sown varieties.
COTTON	The cotton crop is at boll development to boll bursting stage (sixteen to nineteen week) stage. Boll worm complex may feed on the bolls during this stage in cotton. To control boll worm complex in cotton spray 80g Emamectin Benzoate 5% SG or Chlorantraniliprole 60ml 18.5% SC mixing with 200 lit of water per acre. Harvest cotton from bursted bolls and keep the harvested produce to safe place to protect from rain damage.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
BRINJAL	To control Phomopsis Blight disease in Brinjal spray Metalaxyl 8%+ Mancozeb 64 % WP @ 400 gram/acre or Propineb 70 % WP @ 400-gram/acre.
TOMATO	For Tomato apply 20 kg Urea, 52 Kg DAP and 20Kg MOP as basal fertilizer and maintain row to row spacing of 60 cm and plant to plant spacing of 45 cm.
CABBAGE	Apply 33-kg of Urea and 23 kg MOP per acre after hoeing and hand weeding at 15-20 DAT and 33 kg of urea and 23-kg of MOP per acre as last top-dressing fertilizer at 30-35 DAT. If Borax was not applied during transplanting of seedlings than spray Borax @ 4 kg/acre or Folibor /Solubor @ 1.5 gram/litre. Spraying of Boron micronutrient should be done after two weeks of transplanting and two weeks before curd formation.
ONION	Before sowing, seed treatment should be done with Carbendazim 50% WP @ 2g/ per kg of seeds or Carboxin 37.5 % + Thiram 37.5% D.S @ 3g/ kg of seeds. To prevent Damping off disease in nursery, drench the nursery bed with Carbendazim @ 2-gram/litre of water at 15 days interval. Seedlings of 8weeks old are planted in the main field.
MARIGOLD	To manage Red Spider Mites in flower like Marigold and rose spray wettablesulphur 80 % WP (Sulfex/Balwan/Sulfadex) @ 2-gram/litre of water or Propargite 57 % EC (Omite/Mitekill/Super Dynamite) @ 2-ml/litre of

Horticulture (Stage)	Horticulture Specific Advisory
	water or Fenpyroximate 5 % EC (Seagate/Mitigate/Formite) @ 2-ml/litre of water.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
COW	Deworm the cattle and buffalo in regular interval and vaccinate them also. If the animal is not coming to heat even after 4 years consult with the veterinary doctors and follow the doctor's advice for onset of puberty.
GOAT	Farmers are advised to repair the goat house before commencement of winter season. Because there is high chance of mortality among kids due to chill weather.

Fisheries Specific Advisory:

Fisheries	Fisheries Specific Advisory
COMMON CARP	In winter, fish can be prone to fungal, bacterial, and parasitic infections. To prevent these, apply CIFAX @ 400 ml per acre just before winter starts. Additionally, treat the pond with potassium permanganate @ 1-2 kg per acre or limestone @ 50-100 kg per acre. Applying salt at 100 kg per acre is also effective in protecting fish from disease outbreaks during the winter months.

Poultry Specific Advisory:

Poultry	Poultry Specific Advisory
CHICK	Farmers must take care of brooding management of chicks and ducklings during winter season to avoid mortality due to cool weather.

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 lightning.

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>