



Agromet Advisory Bulletin

Date : 2025-11-14

Weather Forecast of District GAJAPATI (Odisha) Issued On : 2025-11-14 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-11-15	2025-11-16	2025-11-17	2025-11-18	2025-11-19
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	32.0	32.0	32.0	32.0	32.0
Tmin(°C)	18.0	18.0	19.0	19.0	20.0
RH-I(%)	73	71	75	77	78
RH-II(%)	35	34	36	41	47
Wind Speed(kmph)	4	4	4	5	4
Wind Direction(Degree)	349	354	6	18	5
Cloud Cover(Octa)	1	2	0	1	0
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 Tuesday with clear to mainly clear sky. The wind speed is likely to remain within 04.0 to 05.0 kmph for the next five days. The daily maximum and minimum temperature may range between 32.0°C and 18.0°C to 20.0°C respectively. Relative humidity during the morning and the afternoon may range between 71 to 78 percent and 34 to 47 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 33.0°C and the mean minimum daily temperature was 19.7°C of the Gajapati district during the last week. The district received 00.0 mm of rainfall during the last week. Complete nursery sowing for winter vegetable crops and irrigate the vegetable nursery during morning and evening time. Harvest the rice crop at physiological maturity (85% grains matured in a panicle) and looks pale yellow in colour. Store the harvested grains after sun drying for 2 to 3 days in HDPE bags. If infestation of the stored grain noticed, take up fumigation by using Aluminium phosphide (Do not use in dwelling houses) tablets @ of 3 tablets / ton grain (total 9 gm of tablets) in fairly air tight containers or by covering with thick tarpaulin leaving no gaps. Right time to take up Paira crop which can be sown 15 days before harvesting of paddy. Irrigation is very much crucial in Chilli crop, especially at flowering. Irrigation should be done at 10-12 days interval.

SMS Advisory:

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.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE	To control ear head caterpillar spray Chlorpyrifos 50 % + Cypermethrin 5 % EC @ 400 ml/acre or Profenophos 50 % EC @ 400 ml/acre. As the pest is nocturnal in behaviour spraying of pesticide should be done in the evening hours for better result.
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 then 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 water or Fenpyroximate 5 % EC (Seagate/Mitigate/Formite) @ 2-ml/litre of water.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
COW	Animals should be given mineral mixture along with salt regularly and wheat grains, jaggery etc. may be provided @ 10%-20% in the daily ration during winter season to meet the energy requirement of the animals.
COW	The space left for ventilation in cow shed must be closed in night, as the night temperature is expected to fall in coming days. Animals should be given mineral mixture along with salt regularly and wheat grains, jaggery etc. may be provided @ 10%-20% in the daily ration during winter season to meet the energy requirement of the animals.

Fisheries Specific Advisory:

Fisheries	Fisheries Specific Advisory
COMMON FISH	During winters, various fungal, bacterial and parasitic diseases may appear in the fish. Treat the pond with CIFAX @ 400 ml/acre just before the onset of winters. Also treat the pond with potassium permanganate @ 1-2 kg/acre or limestone @ 50-100 kg/acre. Salt application @ 100 kg/acre also helps in protecting fish against disease outbreak during winters.

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>