



Agromet Advisory Bulletin

Date : 2025-11-04

Weather Forecast of District GAJAPATI (Odisha) Issued On : 2025-11-04 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-11-05	2025-11-06	2025-11-07	2025-11-08	2025-11-09
Rainfall(mm)	0.0	0.0	0.0	0.0	6.0
Tmax(°C)	34.0	33.0	33.0	32.0	32.0
Tmin(°C)	22.0	22.0	22.0	22.0	21.0
RH-I(%)	88	84	83	92	90
RH-II(%)	46	54	55	59	63
Wind Speed(kmph)	2	2	2	4	3
Wind Direction(Degree)	334	323	90	354	344
Cloud Cover(Octa)	5	3	4	3	4
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 Friday and thereafter may receive light rain on Saturday with partly to generally cloudy sky. The wind speed is likely to remain within 03.0 to 05.0 kmph for the next five days. The daily maximum and minimum temperature may range between 32.0°C to 34.0°C and 21.0°C to 22.0°C respectively. Relative humidity during the morning and the afternoon may range between 83 to 92 percent and 46 to 63 percent respectively.

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

Go for the sowing of pre-rabi crops like blackgram, greengram, horsegram, sesame, sunflower and cucurbits in up-medium land. Go for sowing of vegetable crops like Pea, carrot, radish etc. 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. Harvest the matured maize and vegetables and keep it in safe place.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Go for the sowing of pre-rabi crops like blackgram, greengram, horsegram, sesame, sunflower and cucurbits in up-medium land. Go for sowing of vegetable crops like Pea, carrot, radish etc. 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. Harvest the matured maize and vegetables and keep it in safe place.

General Advisory:

Go for the sowing of pre-rabi crops like blackgram, greengram, horsegram, sesame, sunflower and cucurbits in up-medium land. Go for sowing of vegetable crops like Pea, carrot, radish etc. 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. Harvest the matured maize and vegetables and keep it in safe place.

SMS Advisory:

Spraying or dusting of plant protection chemicals should be done in a clear weather condition and rainy days should be avoided.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE	The transplanted paddy is at flowering to grain maturity stage in the main field. The present high humid weather condition and rainfall followed by clear sky is favourable for Brown Plant Hopper (BPH) and White Backed Plant Hopper (WBPH) infestation in paddy. To manage BPH and WBPH in paddy avoid excess use of nitrogenous fertilizer. Do not keeping standing water in the field for longer period. Alter the micro-climate of the rice field by alternate wetting and drying technique. Make alleys at 6 feet spacing for sunlight entry and proper aeration below the crop zone. If infestation of BPH occur (5-10 hoppers/hill), spray Neem Based Pesticide 1500 PPM @ 600-ml/acre at the base of the plant. If problem persists, spray Pymetrozine 50% WG @ 120 g/acre or Dinotefuran 20 % SG @ 80 g/acre or Flonicamid 50 % WG @ 60- gram/acre or Triflumezopyrim 10% SC @ 100 ml / acre at the base of the plant. Use only pesticides recommended for brown plant hopper at recommended dose only. Warm, moist weather, low temperature (<28oC) favours Yellow stem borer. To manage stem borer in paddy at early stage of crop, apply Cartap Hydrochloride 4 % G @ 8-kg/acre or Chlorantraniliprole 0.4 % GR @ 4-kg/acre or Chlorantraniliprole 18.5 SC% @12gm/acre or Imidacloprid 0.3% GR @ 6-kg/acre by mixing it with sand at 1:1 ratio. Instead of this apply Chlorantraniliprole 18.5% SC @ 60 ml/acre. High humidity and high rainfall favours Leaf Folder and Caseworm pest. To control Leaf Folder and Caseworm pest biologically apply 2 no. of Trichogramma chilonis card per acre. In field move a string over the paddy crop by stretching at both the ends of the field. By this method the larva of insects falls to the water and gets killed. To manage Leaf Folder and Case Worm pests in paddy spray Fipronil 5% SC @ 400-ml/acre or Profenophos 50% EC @ 400-ml/acre or Chlorantraniliprole 18.5% SC @ 60-ml /acre.
COTTON	The crop is at square formation to boll formation stage. Now temperature and humid conditions are favorable for the infestation of sucking pests in cotton. If there is infestation of Aphids and Jassids in early sown cotton crop, go for spraying of Acetamiprid 20%SP 20gm/acre or neem-based pesticide Neem Oil 1500 PPM @600-ml/acre by mixing it in 200-litre of water.
MAIZE	The maize crop is at maturity to harvesting stage. Harvest the matured cobs and dry under sun light for 4-5 days.
FINGER MILLET	The ragi crop is at maturity (fifteen to sixteen week) stage.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
CAULIFLOWER	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.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
COW	Mastitis is a condition typified by the persistent and inflammatory reaction of the udder tissue usually seen in lactating cows. In addition to this, there is a possibility of this disease due to wounds on the flanks, unclean stalls and tying cows in unclean and wet places. In this disease, the mammary gland become swollen, tight, and milk does not come out. To get rid of it, you need to milk with clean hands. Keep the floor of the house clean and dry and let the cow stand for 10 minutes to eat grass or straw after the cows have finished calving.

Fisheries Specific Advisory:

Fisheries	Fisheries Specific Advisory
COMMON FISH	The disease causes the fish's eyelids to rot completely and the fish to become blind. Does not accept food. Within 24 to 48 hours of infection, all Catla fishes die. If the disease occurs, 2 grams of chloromycin should be dissolved in 200 liters of water and the infected fish should be submerged in the solution for 1 hour then release to pond. If treated for 2 to 3 consecutive days, the fish's eye disease will be cured.

Likely impacts of weather warnings (General)

Go for the sowing of pre-rabi crops like blackgram, greengram, horsegram, sesame, sunflower and cucurbits in up-medium land. Go for sowing of vegetable crops like Pea, carrot, radish etc. 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. Harvest the matured maize and vegetables and keep it in safe place.

Impact based advisories (General)

Go for the sowing of pre-rabi crops like blackgram, greengram, horsegram, sesame, sunflower and cucurbits in up-medium land. Go for sowing of vegetable crops like Pea, carrot, radish etc. 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. Harvest the matured maize and vegetables and keep it in safe place.

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