



Agromet Advisory Bulletin

Date : 2025-06-03

Weather Forecast of District GAJAPATI (Odisha) Issued On : 2025-06-03 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-06-04	2025-06-05	2025-06-06	2025-06-07	2025-06-08
Rainfall(mm)	2.0	1.0	0.0	0.0	0.0
Tmax(°C)	39.0	39.0	39.0	39.0	39.0
Tmin(°C)	25.0	25.0	26.0	26.0	27.0
RH-I(%)	63	64	63	66	62
RH-II(%)	33	29	38	30	30
Wind Speed(kmph)	6	6	4	6	7
Wind Direction(Degree)	273	280	275	281	0
Cloud Cover(Octa)	3	2	1	1	2
Warning	NA	NA	NA	NA	NA

Forecast Summary:

According to the weather forecast received from India Meteorological Department, the district is likely to receive very light rain up to Wednesday and thereafter may dry up to Saturday with mainly clear to partly cloudy sky. The wind speed is likely to remain within 04.0 to 07.0 kmph for the next five days. The daily maximum and minimum temperature may range between 39.0°C and 25.0°C to 27.0°C respectively. Relative humidity during the morning and the afternoon may range between 62 to 66 percent and 29 to 38 percent respectively.

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

No Warnings

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

No impact

General Advisory:

The mean maximum daily temperature was 34.7°C and the mean minimum daily temperature was 24.7°C of the Gajapati district during the last week. The district received 57.6 mm of rainfall during the last week. Drain out excess water from the non-paddy crop field and vegetables. Go for immediate harvesting of the summer rice and bring the harvested paddy to a safer place. Cover the freshly prepared vegetable nursery with polythene or with straw to avoid high temperature. Go for sowing of maize. The

weather and time are optimum for sowing green manuring crops in the areas receiving rain. Green manuring crops are sown in medium and low land conditions at 6-8 weeks before planting. Use 10 kg seeds per acre. Otherwise 6 kg/acre in case of mixed planting with paddy. Sowing time should be adjusted in such a way that the crop will attain a 5-week stage just at 7 days before transplanting. Apply all the recommended doses of phosphorous of rice (100 kg of SSP) to the field during sowing time. Go for ploughing at places receiving soaking rainfall to reduce weed infestation, to destroy eggs and larvae of hibernated soil insects, and to increase soil profile recharge.

SMS Advisory:

For planting of fruit crops in July and August go for digging of pits before onset of monsoon to effect solarisation of soils removed from the pits for killing the hibernated insects and their eggs.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Sowing)	Upland rice varieties (Matures in 100-120 days) like Khandagiri, Sahabhagi Dhan, Mandakini, Naveen, GB-1, Bina-11, MTU-1010, Satyabhama, Swarna Shreya etc. can be cultivated. Medium land rice varieties (Matures in 120-140 days) like MTU 1156, MTU 1153, Lalat, Improved Lalat, Manaswini, MTU-1001, Sampada, Gitanjali, Nuaacharmati etc can be cultivated. Low land rice varieties (Matures >140 days) like Pratikshya, Swarna, Swarna Sub-1, Mrinalini, Hashanta, Rani Dhan, Pooja, MTU-1064, Sarala, Durga, Pradhan Dhan etc can be cultivated. Good Quality Seed Priming- If you are using the own harvested seeds, then dissolve 1 kg salt in 10 litres of water for 10 kg of seed. Dip 2-3 kg of the seed at a time in the solution and reject the floating chaffy and weed seeds. Collect heavy seeds settled at bottom of the solution and wash them 2-3 times by clean water. Dry the seeds in direct sunlight for 2-3 days before treating them with fungicides.
PIGEON PEA (RED GRAM/ARHAR) (Sowing)	PRG-235, PRG 176, VL ARHAR1, T-Arhar, TDRG-59, PANT-A-7 and GT-104 etc are some improved varieties of Arhar. If line sowing is done in the field, the recommended seed rate for early and late maturing varieties is 8 and 6 kg/acre. Seed treatment can be done with Carbendazim 50 % WP @ 2-gram/ kg of seeds or Carboxin 37.5 % + Thiram 37.5% D.S WP. Treat the seeds with recommended species of Rhizobium bacterial culture @ 20 gram/kg of seeds before 1 hour of sowing. The gap between chemical seed treatment and Rhizobium treatment should be at least 7 days.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
MANGO (Harvesting)	Harvesting and ripening of fruits. Hot water treatment of mango, if needed by dipping fruits in lukewarm water (48°C) for 1 hr to manage anthracnose and fruit fly. Management of stem borer by cleaning the affected stem and killing of larvae. Pit digging 1mX1mX1m and planting of saplings.
BRINJAL (Sowing)	Nursery Management and Varietal selection-Brinjal can be cultivated throughout the year. For every season new place should be selected for the nursery bed. For cultivation of an acre of brinjal crop 200-g of improved variety and 80-g of hybrid seed is required. In Odisha climate some important varieties of Brinjal are Utkal Tarini, Utkal Madhuri, Safed moti, VNR Long Purple, Akshita, VNR B5, Vairabi, Borigumma round etc. Ten days before sowing in the nursery bed 20-kg of completely decomposed FYM should be well mixed with the soil.
PUMPKIN (Fruit formation)	There is chance of late blight disease in cucurbits due to rise in day temperature. To control this, spray Carbendazim 12 % + Mancozeb 63 % WP

Horticulture (Stage)	Horticulture Specific Advisory
	@ 2g per litre of water.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
GOAT	Sand floor management for the goat and sheep shed-By using sand over the floor we can keep the floor dry so that the animals are kept free from different diseases. The speciality of this shed is the floor is made of bricks and cement and sand from river is spread over it by a thickness of 4-6 inches. The sand soaks the urine so that the animals can sleep over it comfortably. It is also easier to clean the faecal material over the sand floor. To keep the sand dry it is stirred upside down in 15-20 days interval. The floor space requirement for kid is 0.5, for adult 1.2, for buck and pregnant female 2 square metre floor space is necessary which is suitable for every type of shed.

Fisheries Specific Advisory:

Fisheries	Fisheries Specific Advisory
COMMON FISH	Fish farmers, in case, have stocked fingerlings in the pond for fish culture, should monitor the quality and level of water, so also temperature in case of water temperature goes above 30°C or water level goes below.

Poultry Specific Advisory:

Poultry	Poultry Specific Advisory
CHICKEN	PULLORUM Disease – The symptoms of this disease are excretion of white colour faeces, respiratory riling, and anorexia. Usually, the death rate is high at 5-10 days after hatching. When adult birds are affected by this disease, they excrete green colour faeces. The comb becomes cyanotic, the birds become weak and decrease in egg production, but the death rate is low. The adults are usually the carrier of the disease and the chicks hatched from their eggs becomes affected by the disease. For the treatment of this disease give antibiotics in drinking water for 5-7 days after consulting VAS (Veterinary Assistant Surgeon).

Others (Soil / Land Preparation) Specific Advisory:

Others (Soil / Land Preparation)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	Prepare the crop plan depending upon the land type, soil fertility and irrigation facility. Always use the certified seeds and change it in every 3 years. Yield can be increased by 15% by using improved/HYV seeds. Germination test may be carried out in case of own seeds before sowing. Go for non-paddy crops in rainfed uplands such as pulses, oilseeds, cotton, sunflower and vegetables either as sole or as mixed cropping for which seeds are to be collected. Chemical weed control method is to be practised to control weeds in case of low land.
GENERAL ADVICE	Go for non-paddy crops in the upland to avoid terminal drought. Intercropping of cereals+pulses/oilseeds is recommended. Go for early sowing/transplanting as far as possible to complete these by mid-August. Go for medium duration rice varieties in medium land. Go for line sowing of rice followed by early beaushaning and weeding. This will avoid the rainfall required for transplanting, and over-aged seedlings if transplanted late.

Likely impacts of weather warnings (General)

No Warnings

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>