



## Agromet Advisory Bulletin

Date : 2025-06-13

Weather Forecast of District GAJAPATI (Odisha) Issued On : 2025-06-13 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-06-14	2025-06-15	2025-06-16	2025-06-17	2025-06-18
Rainfall(mm)	3.0	11.0	12.0	15.0	8.0
Tmax(°C)	33.0	32.0	31.0	32.0	32.0
Tmin(°C)	25.0	24.0	23.0	23.0	24.0
RH-I(%)	95	93	91	92	92
RH-II(%)	59	63	66	70	77
Wind Speed(kmph)	3	4	5	5	8
Wind Direction(Degree)	210	239	283	266	255
Cloud Cover(Octa)	4	5	5	6	5
Warning	NA	NA	NA	NA	NA

### Forecast Summary:

According to the weather forecast received from India Meteorological Department, the district is likely to receive light rain up to Tuesday with partly to generally cloudy sky. The wind speed is likely to remain within 03.0 to 08.0 kmph for the next five days. The daily maximum and minimum temperature may range between 31.0°C to 33.0°C and 23.0°C to 25.0°C respectively. Relative humidity during the morning and the afternoon may range between 91 to 95 percent and 59 to 77 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 35.1°C and the mean minimum daily temperature was 24.1°C of the Gajapati district during the last week. The district received 58.1 mm of rainfall during the last week. As per the district level weather warning issued by IMD, the district may likely to receive light rainfall for the next five days. Farmers are advised to withheld irrigation and application of fertilizer and pesticides for the time being. Keep the harvested produce in safer place. As gusty winds are expected, provide Support to standing crops (like banana, papaya) with stakes or earthing up to

prevent lodging. Provide clean and adequate water to the cattle. Allow them for grazing in clear weather conditions either in morning or in afternoon hour. Protect the mangoes in trees by netting from thunderstorms and heavy wind. As thunderstorm with lightning are expected, so farmers are advised not to stay in open fields, near trees, or water bodies during thunderstorms. If no shelter is available, crouch low with your feet together in an open area. Unplug farm equipment, motors, and irrigation pumps to avoid damage.

### SMS Advisory:

To avoid the damage due to thunderstorm and rain in cucurbitaceous vegetables, pluck all the harvestable fruit from the vine. To avoid the physical damage, strengthen the vine by staking.

### Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Sowing)	Paddy seeds should first be soaked for 24 hours in water, then placed in a wet cloth to encourage germination. Germination typically occurs within 24 to 30 hours. These sprouted seeds must be sown in the nursery bed as soon as possible. If left too long, the shoots may become too long and prone to damage, so sowing should be done immediately after the rain ceases.
MAIZE (Sowing)	Seed rate for maize is 6-7kg/acre. To avoid the infestation of Fall Army Worm, treat 1-kg seeds with 4-ml Cyantraniliprole 19.8%+ Thiamethoxam 19.8% FS. Keep row to row spacing at 60 cm and plant to plant at 20 cm. To maintain optimum plant population, use seed drill for sowing or sow the seeds behind the plough. Apply 55- kg of DAP and 22-kg of potash as basal fertilizer. For chemical control of weeds in Maize, spray Atrazine 50 % W.P herbicide @ 800 gram/acre by mixing it in 200 litres of water within 1-2 DAS in clear weather condition.
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
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 @ 2g per litre of water in clear weather condition.
Menacinakahi	Typical disease symptoms involve progressive wilting of the plant along with upward and inward leaf curling. Initial signs include slight foliar yellowing and upper leaf wilting, which eventually develop into permanent wilting with persistent leaf attachment. This is followed by complete yellowing and leaf senescence. Effective control can be achieved through spraying a mixture of Carbendazim and Mancozeb at 400 g per 200 L water per acre after cessation of rain.
CHILLI	Typical disease symptoms involve progressive wilting of the plant along with upward and inward leaf curling. Initial signs include slight foliar yellowing and upper leaf wilting, which eventually develop into permanent wilting with persistent leaf attachment. This is followed by complete yellowing and leaf senescence. Effective control can be achieved through spraying a mixture of

Horticulture (Stage)	Horticulture Specific Advisory
	Carbendazim and Mancozeb at 400 g per 200 L water per acre after cessation of rain.
BANANA (Fruit formation)	To prevent stem weevil, install Cosmolure pheromone traps @ 10/acre in banana garden. Dip the banana stem in warm water for 30 minutes before planting. Fill the pit with 25 g neempedia or 25-50 g any granular insecticide before planting. Cut the affected plant into pieces and dry under sun. Keep the banana garden neat and clean. Inject the pseudostem with Imidacloprid 30 SL at 45 degree angle @ 2ml/plant.

### Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
COW	Stomatitis in livestock is characterized by inflammation or ulceration of the oral cavity, including the tongue, and is commonly induced by dietary irritants, pathogenic infections (bacterial or viral), or rough-textured fodder. Affected animals show signs include reduced feed intake (anorexia) and hypersalivation. As an initial step, inspect and remove any extraneous material from the animal's oral cavity. Perform an antiseptic wash of the oral cavity using a 1–2% solution of sodium bicarbonate or potassium permanganate to mitigate infection risk. Administer 1% boro-glycerine topically within the oral cavity to alleviate mucosal irritation. Ensure the animal receives clean water, balanced feed, and minimal physical stress during recovery.

### Fisheries Specific Advisory:

Fisheries	Fisheries Specific Advisory
COMMON FISH	Carp such as Rohu, Catla and Mrigal, which grow rapidly, should be stocked in a certain ratio of 4:3:3 to increase the benefits. Generally, a density of 5,000 fingerlings/ha is kept as a standard stocking. Groundnut oil cake and rice bran is given in same ratio @ 5% of the total biomass of stocking material. Cow dung, urea and super phosphate should be applied to increase pond quality. In 8-10 months, fishes attain their marketable size.

### Likely impacts of weather warnings (General)

No Warnings
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### Impact based advisories (General)

No impact
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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>**