



Agromet Advisory Bulletin

Date : 2025-11-28

Weather Forecast of District GAJAPATI (Odisha) Issued On : 2025-11-28 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-11-29	2025-11-30	2025-12-01	2025-12-02	2025-12-03
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	30.0	30.0	31.0	32.0	33.0
Tmin(°C)	16.0	16.0	17.0	17.0	18.0
RH-I(%)	93	95	93	86	84
RH-II(%)	53	54	54	51	50
Wind Speed(kmph)	5	4	3	2	4
Wind Direction(Degree)	27	354	90	9	343
Cloud Cover(Octa)	0	1	2	2	2
Warning	No Warning	No Warning	No Warning	No Warning	No Warning

Forecast Summary:

The district is likely to remain dry during the next 5 days with clear to mainly clear sky. No warning has been issued by IMD for the next 5 days. The average wind speed will remain within 2.0 to 5.0 kmph up to next five days. The daily maximum temperature may range between 30.0°C to 33.0°C. The minimum temperature may rise between 16.0°C to 18.0°C. Relative humidity during morning may range between 84 to 95 percent and that during the afternoon may range between 50 to 54 percent.

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 WARNING

General Advisory:

Drain out the water from paddy field, 15 days before harvesting of the crop. Harvest the rice crop at physiological maturity (85% grains matured in a panicle) and looks pale yellow in colour. Harvest the crop by leaving one metre from the bund if grain is to be kept for seed purpose. Dry the harvested paddy grains in direct sunlight for 2-3 days to get the moisture content at 14%. For seed purpose the grain should be dried to below 12% moisture content. Plough the land immediately after harvesting of rice and sow different Rabi crops if having assured irrigation facility. Earthling up should be done in vegetables. Carry out spraying of insecticides or pesticides in crops during morning and afternoon hours.

SMS Advisory:

Go for the sowing of 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.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Maturity and Harvesting)	Harvest the paddy if 85% of grains are matured. Keep the harvested products in safe place. If threshing is not possible then cover the harvested paddy with polythene to keep it safe from rain. Make provision for draining out rain water in standing rice crop by making alleys (Pahi) and keep the drain ends open. Do not leave harvested paddy in field. If paddy is lodged then it should be tied together in standing condition in the field.
MUSTARD (Sowing)	Optimum time for sowing of Rabi mustard has come, use varieties like T-9, PT-303, Nirmal black gold, ultra and Sushree I Use 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.
GREEN GRAM (Sowing)	Treat the seeds with Carbendazim 50% WP @ 2-gram/ kg of seeds or Carboxin 37.5 % + Thiram 37.5% D.S @ 3-gram/ kg of seeds one week before sowing. Before sowing, treat the seeds with Rhizobium culture @ 20-gram/ kg of seeds. Apply 2 ton of FYM or Compost at the time of last ploughing along with 35 kg DAP, 13 kg MOP, 4 kg of Urea per acre as basal fertilizer.
SUNFLOWER (Sowing)	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.
SWEET CORN (Vegetative)	Hand weeding and earthing up should be done at 20-25 DAS. Apply 55-kg of urea per acre at this stage as first top dressing. Again at 40-45 DAS or before tasselling apply 55-kg of Urea and 20-kg of MOP as second top dressing. To manage the fall army worm pest spray biopesticide Beauveria bassiana @ 1200-gram/acre by mixing in 200 litre of water. Use 10-12 bird perches per acre and remove them before tasselling stage. Apply Dust mixture of sand, soil, and wooden ash inside the leaf whorl so that the caterpillars cannot feed on the leaves. To manage the pest chemically, spray Emamectin Benzoate 5% S.G @ 80-gram/acre or Spinetoram 11.7% S.C @ 100-ml/acre or Chlorantraniliprole 18.5% S.C @ 80-ml/acre by mixing in 200-litre of water.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
TOMATO (Nursery/ seedling)	The tomato seedlings in nursery are one to three week stage. Drench the seed bed with streptocycline 0.1g with carbendazim 1g mixing in one liter water to protect seedlings from damping off. Prepare main field for transplanting tomato seedlings when they become 3-4 week old in nursery. After final land preparation of the main field, rings or mounds should be prepared at spacing of 60cm from row to row and 45cm from plant to plant within the row for tomato. Basal dose of 52kg DAP, 7kg Urea and 66kg MOP should be applied per acre crop area before transplanting seedlings to mounds.
CABBAGE (Nursery/ seedling)	The cabbage seedlings in nursery are germination stage. Start nursery preparation and sowing cabbage seeds. The Varieties suitable for cabbage are Golden acre, Pride of India etc and the seed rate is 200g/acre. For 1 acre crop the nursery area should be of 50 sq.m (of dimension 3m X1m X 0.15 m). Seed treatment with Bavistin 1g + Thiam 2 g per kg seed should be done before sowing in the nursery. Drench the seed bed with streptocycline 0.1g

Horticulture (Stage)	Horticulture Specific Advisory
	with carbendazim 1g mixing in one liter water to protect seedlings from damping off.
CAULIFLOWER (Nursery/ seedling)	The cauliflower seedlings in nursery are germination stage. Start nursery preparation for sowing cauliflower and complete sowing seed in nursery. The Varieties suitable for cauliflower are K-1, Pusa early synthetic and Pusa early Kuanri and the seed rate is 200g/acre. For 1 acre crop the nursery area should be of 50 sq.m (of dimension 3m X1m X 0.15 m). Seed treatment with Bavistin 1g + Thiram 2 g per kg seed should be done before sowing in the nursery. Drench the seed bed with streptocycline 0.1g with carbendazim 1g mixing in one liter water to protect seedlings from damping off.
GARDEN PEA (Sowing)	Now it is optimum time for sowing of green pea in the fallow uplands. High Yielding varieties suitable for Odisha such as Rachana, Arkel and T -163 Use 25-30 kg seeds/acre. Before sowing seeds are to be treated with 2 g Carbendazim/kg seeds. Apply 10:16:10 kg NPK/acre during final land preparation. Sow the seeds in line 30 cm apart with 10 cm plant to plant distance.
PUMPKIN (Fruit formation)	To manage fruit fly in cucurbits, prepare a poison bait by mixing 400- gram Jaggery and 8-ml Malathion or DDVP in 4-litre of water. Keep this mixture in Plastic cups or clay pots @80-nos/acre. The fruit flies will be attracted to this and eventually get killed by falling into the poison baits.
BROCCOLI (Sowing)	For cultivation of broccoli in one acre 200g of seed is required. Treat per kg seed with Carboxin 37.5% + Thiram 37.5% @ 2 gram. For raising nursery, the nursery beds should be prepared by addition of well rotten farmyard manure or compost @ 2-3 kg/m ² . The nursery must be raised about 15 cm high from ground surface for efficient drainage and the bed size of 120 cm x 40 cm is required. The sowing should be done in shallow furrows at 7.5 cm apart and 1.5-2 cm depth. After sowing the seed, the furrows are covered with a mixture of sieved fine manure and soil and the beds are gently leveled at the surface.

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.

Fisheries Specific Advisory:

Fisheries	Fisheries Specific Advisory
FRESH WATER	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.

Others (Soil / Land Preparation) Specific Advisory:

Others (Soil / Land Preparation)	Others (Soil / Land Preparation) Specific Advisory
PLANT PROTECTION	To manage the vectors of the yellow vein mosaic disease, install 8-10 Nos of Yellow sticky traps starting from 10-12 DAS. In case of severe infestation spray Thiamethoxam 25 % WG @ 40-gram/acre or Acetamiprid 20 % SP @ 50-gram/acre by mixing it in 200-litre of water.

Likely impacts of weather warnings (General)

NO WARNING

Impact based advisories (General)

NO WARNING

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>