



GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
NORTH EASTERN GHAT ZONE



RRTTS, G. UDAYAGIRI, OUAT, KANDHAMAL, ODISHA-762100
MULTIMODEL ENSEMBLE BASED DISTRICT LEVEL WEATHER FORECAST
FOR THE STATE: ODISHA
ISSUED ON: 30.12.2025 VALID TILL 08:30 IST OF THE NEXT 5 DAYS

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DISTRICT: KANDHAMAL (North-Eastern Ghats Zone)

Forecast (up to 04.01.2026) Given by Met. Center IMD, Bhubaneswar

DISTRICT	Date	Rainfall (mm)	T-MAX (C)	T-MIN (C)	Cloud Cover	Rh Max (%)	Rh Min (%)	Wind speed (kmph)	Wind Direction (deg)
PHULBANI	2025-12-31	0	26	6	3	74	21	1	360
	2026-01-01	0	27	7	2	81	24	2	225
	2026-01-02	0	27	7	2	86	26	3	90
	2026-01-03	0	27	7	2	81	24	2	154
	2026-01-04	0	27	7	2	79	29	2	171

Weather Summary:

As per the forecast received from IMD, Bhubaneswar, the district is likely to dry up to next four days with clear to partly cloudy sky. The wind speed is will remain 01-03 km/hr in next four days. The maximum temperature will likely to remain 26-27°C and minimum temperature will likely to remain 06-07°C. The Maximum and Minimum Relative Humidity will likely to remain between 74-86% and 21-29% respectively for next Four days.

Agromet Advisory

General Advisory

- 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.
- Use super grain bag for safe storage of paddy for longer period of time.
- Cover newly transplanted vegetable seedlings with straw or polythene sheets during night hours.
- Use low cost Polythin covers for vegetable nursery to prevent damage due to low temperature.
- Give light irrigation to standing crops and vegetables during morning to protect from frost/cold.
- Due to low night temperature, there will be chance of infestation of sucking pests, leaf blight, powdery mildew in the Rabi crops and vegetables.
- For maintaining the heat in the poultry shed, install heaters in the shed.
- Pinching should be done after 20-25 days to encourage branching.
- Spray Imidacloprid 17.8% SL or Acetamiprid to control sucking pests like Aphids, Jassids and whiteflies.

Crop	Stage	Agro-met Advisory
PADDY	Harvesting Stage	<ul style="list-style-type: none"> • Harvest the crop when 80-85% of the grains are matured either manually by sickle or by using combine harvester or reaper. • 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. • Aluminum phosphide @ 1 tab/hole with should be applied to control field rats in paddy field. • Aluminum phosphide @ 3tab/ton of paddy in grain storage to control stored grain pest.
Groundnut	Sowing	<ul style="list-style-type: none"> • HYV like Devi, Dharani TG-38, Kadari-6 can be grown during Rabi Season 150 kg/ha of groundnut pod can be sown at 25*10 cm spacing.
Potato	Vegetative Stage	<p>For potato, go for hoeing and hand weeding. Theridges should be high andstrong enough to cover up tubers. Irrigate the crop at 7-8 Days intervaldepending upon soil moisture and weather condition. During irrigation 2/3portion of the ridge should be submerged.</p>
Mustard	Sowing	<p>Optimum time for sowing of Rabi mustard has come, use varieties like T-9, PT-303 Nirmal black gold, uttra and SushreeUse 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.</p>
Onion	Transplanting	<ul style="list-style-type: none"> • Onion varieties like Nasik Red N-53, Arka Kalayan, Arka Pragati, Agrifoun Dark Red, Bhima Super, Bhima Shakti are suitable for rainy season with seed rate 3-4 kg/ac. • Fertilizer dose 120:60:60 NPK kg/ha half Nitrozen full P205 and half potash can be taken at final land preparation. • HerbicideOxyflurofen (23.5 % EC) @ 80 ml/Acre within 30 Dat.
Cabbage/ Cauliflower	Nursery	<ul style="list-style-type: none"> • Nursery preparation should be started @200g/acre. For 1 acre crop the nursery area should be of 50square meters (3m X1m X 0.15 m). Treatment with Bavistin 1g + Thiriam 2 g per kg seed before sowingin the nursery.
Livestock:	Poultry	<ul style="list-style-type: none"> • Insulate poultry houses against cold wind using gunny bags while ensuring proper ventilation to avoid ammonia build up • For maintaining the heat in the poultry shed • during winter season, install heaters or 200

		<p>watt electric bulb in the shed..</p> <ul style="list-style-type: none"> • Maintain specific brooders temperature for chicks. • Vaccination of HS, BQ, Anthrax may be done by veterinary doctors and livestock inspector. • Mineral mixture may be added with feed should be done at 3 month interval. • Maintain temperature in polutary house by 25°C for broiler and 30 °C for chicks.
	Pisciculture:	<p>During winters, various fungal, bacterial and parasitic diseases may appear inthe fish. Treat the pond with CIFAX @ 400 ml/acre just before the onset ofwinters. Also treat the pond with potassium permanganate @ 1-2 kg/acre orlimestone @ 50-100 kg/acre. Salt application @ 100 kg/acre also helps inprotecting fish against disease outbreak during winters.</p>

For better agriculture benefits use, OUAT KALINGA products (Seedling, Sampling &QPM, Tissue Culture Plants, Fruits and Vegetables, Value added products, Fingerlings/Yearlings, Poultry chicks, Breeds, Mushroom and Spawns, Bio-fertilizers, Bio-pesticides, Vermi & Vermi Compost).

Farmers are advised to download Unified “Mausam” and "Meghdoot" android application onmobile for Weather forecast and weather based Agromet Advisories and "Damini" androidapplication for forecast of Thunderstorm and lightening.

Mausam MobileApp link: <https://play.google.com/store/apps/details/>

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