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INDIA METEOROLOGICAL DEPARTMENT, MINISTRY OF EARTH SCIENCES
ODISHA UNIVERSITY OF AGRICULTURE AND TECHNOLOGY
BHUBANESWAR - 751 003



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Week No. 49

No. -1215 (Eng. Bulletin)
Dt. - 05.12.2025

District - Khordha (East and South-Eastern Coastal Plain Agroclimatic Zone)

Past Week Weather in Khordha (29/11/2025 to 05/12/2025)		
Maximum Temperature (°C)	Minimum Temperature (°C)	Rainfall (mm)
29.3	16.7	Nil

Crop Condition:

- Harvesting of long duration paddy is continuing.
- Sowing of Rabi Pulses, Oilseeds & vegetables are under process. Sugarcane is at ripening to maturity stage. Overall crop condition is Normal.

Weather Forecast for Khordha from 06-12-2025 to 10-12-2025 (Given by Met. Centre, IMD, Bhubaneswar)

Weather Parameters	Day-1	Day-2	Day-3	Day-4	Day-5
Rainfall & Sky Condition					
	Dry weather with partly cloudy sky	Dry weather with partly cloudy sky	Dry weather with partly cloudy sky	Dry weather with partly cloudy sky	Dry weather with partly cloudy sky
Maximum Temperature (°C)	29	29	29	29	29
Minimum Temperature (°C)	13	13	13	13	12
Morning Relative Humidity (%)	68	65	65	64	63
Afternoon Relative Humidity (%)	32	28	29	27	29
Wind Speed (Km/h)	9	7	7	7	6
Wind Direction	18	6	346	345	349

As per the forecast received from IMD, dry weather may prevail over the district of Khordha for the next five days. The sky condition may remain partly cloudy until Wednesday. In the next five days, the wind may blow at speed of 06 - 09 km/h. The daily maximum and minimum temperatures will likely remain between 29°C and 12 – 13 °C, respectively.

Agromet Advisory

- ❖ As per the district level weather forecast issued by IMD, dry weather may prevail over the district of Khordha for the next five days.
- ❖ Rice grains must be dried under sun for 3-4 days to 14% moisture for consumption and 12% moisture for seed purpose.
- ❖ Due to low night temperature, there will be chance of infestation of sucking pests, leaf blight, powdery mildew in the Rabi crops and vegetables. Monitor the crops and vegetables, if symptoms are noticed, undertake appropriate plant protection measures.
- ❖ Use low cost polythene cover above the vegetables nursery to avoid poor germination due to low temperature.
- ❖ Provide light irrigation to standing vegetables and crops during morning hours to prevent damage from low temperature and moisture stress.
- ❖ Harvest the mature sugarcane below one inch of ground level for a successful ratoon crop.
- ❖ Carry out weeding, hoeing and other intercultural operations in Rabi vegetables.
- ❖ For maintaining the heat in the poultry shed during winter season, install heaters or 200 watt electric bulb in the shed.
- ❖ In winter during cold hours farmers should keep doors, windows and open spaces in cow sheds covered with polythene or gunny bag curtains to prevent direct contact to cold air.

General Advisory

Crop	Stage	Advisory
PADDY	Post harvesting stage	❖ Stored grain insect pest- Soon after noticing the infestation of the stored grain insect pest, take up fumigation by using Aluminium phosphide (do not use in dwelling houses) tablets @ of 3 tablets/ ton grain (total 9 g of tablets) in fairly air tight containers or by covering with thick tarpaulin leaving no gaps. The tablets should be wrapped in cotton pouches before placing them in the stacks. All the corners of plastic cover should be plastered with 6- inch thick layer of mud/ adhesive tapes to prevent leakage of gas. Minimum exposure period is for about 7-10 days.
BLACKGRAM AND GREENGRAM	Vegetative stage	❖ Powdery mildew- There is a chance of powdery mildew disease in Black gram and Green gram. To control this disease, spray Sulphur 80% WP @800 g/acre or Hexaconazole 5% E.C @ 300 ml/acre.
GROUNDNUT:	Vegetative stage	❖ Leaf Miner There are chances Leaf Miner infestation in groundnut crop. To control this spray Profenophos 50% EC @ 400 ml/acre or Chlorpyriphos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 litre of water.
SUGARCANE	Ripening stage	❖ Harvest the mature sugarcane below one inch of ground level for a successful ratoon crop.
POTATO	Vegetative stage	❖ For potato, go for hoeing and hand weeding. The ridges should be high and strong enough to cover up tubers. Irrigate the crop at 7-8 Days interval depending upon soil moisture and weather condition. During irrigation 2/3 portion of the ridge should be submerged.
BRINJAL	Vegetative – Fruit formation stage	❖ Leaf eating caterpillar and fruit borer To control leaf eating caterpillar and fruit borer in Brinjal, spray 80 g Emamectin benzoate or 80 ml Spinosad per 200 liter of water.
CHILLI	Vegetative	❖ Aphids and Thrips- To control aphids and thrips in chilli during primary stage of pest infestation spray neem-based pesticide (Azadirachtin) 1500 PPM @ 600-ml/acre by mixing in 200-litre of water. Spray Thiamethoxam 25 % WG @ 40 g/acre or Acetamiprid 20% S.P. @ 50 g /acre or Profenophos 40 % + Fenpyroximate 2.5 % EC @ 400-ml/acre.
BANANA	Planting	❖ November is the optimum time for planning of dwarf variety of banana. Plant Dwarf Cavendish and Robusta variety in 2X2 meter distance and 0.5X0.5X0.5 meter pit size. 300 to 400g disease free suckers or tissue culture suckers should be use.
FISHERIES		❖ During winters, there is a possibility of “EUS” disease in fish. Farmers are advised to apply Cifax @ 400 ml mixed with 40 litre of water in one acre pond area as a preventive measure. The fishes should be fed daily with oil cake bran mixture at the rate of 2-3 % of their total biomass.
POULTRY		❖ In winter number of feeders should be increased. Feed should be available to the bird whole of the day. During winter season birds take less water so far maintenance of water in the body, it is necessary to give continuous supply of fresh water which can be taken by the bird. For maintaining the heat in the poultry shed, install heaters in the shed. Use 200W bulbs to generate heat in small scale operations. Carry out necessary vaccinations as and when required.

PRINCIPAL NODAL OFFICER

For better agricultural benefits use, **OUAT KALINGA** products (Seedlings, Saplings & QPM, Tissue Culture Plants, Fruits & Vegetables, Value Added Products, Fingerlings/ Yearlings, Poultry chicks, Breeds, Mushroom & Spawn, Bio-Fertilizer, Bio-Pesticides, Vermi & VermiCompost and Farm Implements).

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