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



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

Past Week Weather in Khordha (15/11/2025 to 21/11/2025)		
Maximum Temperature (°C)	Minimum Temperature (°C)	Rainfall (mm)
30.6	15.6	Nil

Crop Condition:

- Late duration paddy is in soft dough to physiological stage stage.
- Maize crop is at harvesting stage. Sowing of Rabi Pulses, Oilseeds & vegetables are going on. Sugarcane is at grand growth - ripening stage. Overall crop condition is Normal.

Weather Forecast for Khordha from 22-11-2025 to 26-11-2025 (Given by Met. Centre, IMD, Bhubaneswar)

Weather Parameters	Day-1	Day-2	Day-3	Day-4	Day-5
Rainfall & Sky Condition					
	Dry weather with clear sky	Dry weather with mainly clear sky	Dry weather with mainly clear sky	Dry weather with mainly clear sky	Dry weather with generally cloudy sky
Maximum Temperature (°C)	33	33	33	32	32
Minimum Temperature (°C)	19	20	20	20	20
Morning Relative Humidity (%)	89	92	91	86	75
Afternoon Relative Humidity (%)	46	43	43	42	40
Wind Speed (Km/h)	8	5	5	7	8
Wind Direction	350	343	348	351	355

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 clear to generally cloudy until Wednesday. In the next five days, the wind may blow at speed of 05 - 08 km/h. The daily maximum and minimum temperatures will likely remain between 32-33°C and 19-20°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.
- ❖ Harvest the rice crop at physiological maturity (85% grains matured in a panicle) and looks pale yellow in colour.
- ❖ Store the harvested grains after sun drying for 2 to 3 days in HDPE bags. If infestation of the stored grain noticed, take up fumigation by using Aluminium phosphide (Do not use in dwelling houses) tablets @ of 3 tablets / ton grain (total 9 gm of tablets) in fairly air tight containers or by covering with thick tarpaulin leaving no gaps.
- ❖ Farmers are advised to undertake necessary agricultural activities, including weeding, fertilization, irrigation, harvesting and pesticide application.
- ❖ Complete nursery sowing for winter vegetable crops and irrigate the vegetable nursery during morning and evening time.
- ❖ Farmers are advised to transplant 30-45 days old vegetable seedlings like chilli, Tomato, Capsicum, Cabbage, Cauliflower, Brinjal etc. in the main field.
- ❖ To control leaf eating caterpillar and fruit borer in winter vegetables like Brinjal, Cauliflower, Cabbage, Chilli & tomato apply 0.5 g Emamectin benzoate or 0.4 ml Spinosad per liter of water.

General Advisory

Crop	Stage	Advisory
PADDY	Soft dough-Physiological maturity stage	<ul style="list-style-type: none"> ❖ Harvest the matured paddy. If 80% of the panicles are matured, farmers can go for the harvesting. Reduce the moisture of the harvested paddy by sun drying it. Keep the threshing floor clean. ❖ <u>Rodent-</u> If 'Rodent/Rats' problem is noticed, locate the rodent burrow in the crop field and surrounding areas. Place Aluminium Phosphide 6% tablet @ One tablet (12 gm) per burrow and seal the burrow with mud which will kill the rodents.
BLACK GRAM AND GREEN GRAM	sowing	<ul style="list-style-type: none"> ❖ <u>Weed management -</u> Apply pre-emergence herbicide Pendimethalin 30 % E.C @ 1 litre /acre at 1-2 DAS.
GROUNDNUT	Sowing	<ul style="list-style-type: none"> ❖ <u>Weed management -</u> Apply pre-emergence herbicide Oxyfluorfen 23.5 % EC @ 80ml/acre or Pendimethalin 30 % EC @ 1litre/acre or at 1-2 DAS. Apply herbicide when soil is moist and always use Flat-fan nozzle for spraying.
SUGARCANE	Grand growth – ripening stage	<ul style="list-style-type: none"> ❖ <u>Red Rot disease</u> For controlling Red Rot disease in Sugarcane, spray Carbendazim 12%+ Mancozeb 63 % WP @ 400 g /acre or Metalaxyl 8 % + Mancozeb 64 % WP @ 400 g/acre by mixing it in 200 litre of water.
BRINJAL	Vegetative to Fruiting	<ul style="list-style-type: none"> ❖ For monitoring of borer insect, farmers are advised to use pheromone trap @ 8/acre. To control chemically, spray Spinosad 45% SC @ 1.5 ml/4 litre of water or Emamectin benzoate 5% SG @ 4g/10 ltr of water or Thiodicarb 75% WP @ 2ml/ltr of water.
ONION:	Nursery	<ul style="list-style-type: none"> ❖ <u>Damping off-</u> To prevent Damping off disease in nursery, drench the nursery bed with Carbendazim @ 2 g/litre of water at 15 days interval. Seedlings of 8-weeks old are planted in the main field.
POINTED GOURD	Seedling-vegetative stage	<ul style="list-style-type: none"> ❖ <u>Downey mildew-</u> To control downy mildew in Pointed gourd, Spray Metalaxyl 8% + Mancozeb 64% W.P @ 400 g/acre or Fosetyl -AL 80 % WP @ 600 g/acre.
COLE CROPS	Vegetative	<ul style="list-style-type: none"> ❖ <u>Diamond Back Moth-</u> To manage these pests install 6-8 nos of light traps per acre. During primary stage of pest infestation spray neem based pesticide (Azadirachtin) 300 PPM @ 1 litre/acre by mixing in 200-litre of water. Spray Tolfenpyrad 15 % EC @ 400 ml/acre or Flubendiamide 20 % WG @ 20 g/acre or Emamectin Benzoate 5 % SG @ @80 g/acre by mixing in 200 litre of water.
BANANA	Reproductive	<ul style="list-style-type: none"> ❖ Harvested bunch should be kept at safe places away from the soil and water. ❖ Spraying of Imidachloprid @ 1ml/ltr can be used to reduce the whitefly and thrips infestation.
ANIMAL HUSBANDRY		<ul style="list-style-type: none"> ❖ <u>Winter management-</u> ❖ Provide proper shelter to the animals with proper ventilation facilities. Floor should be clean, dry and bedding with straw which act as insulation and prevention of heat loss. In winter season animal required high amount of food as temperature drops. Roughage should be given high amount to maintain the milk production. Maize, wheat and concentrate oil cakes @ 3 kg to the large animals such as Buffalo and cattle feeding helps in maintaining the body heat of the animals.
FISHERIES		<ul style="list-style-type: none"> ❖ Farmers are advised to keep the water depth up to 6 feet in winter season. Feed intake of fish decreases with decrease in temperature. Hence, it is essential to reduce the feeding rate by 50-75% depending on the temperature. Stop adding organic manures such as cow dung, poultry droppings in the pond.

PRINCIPAL NODAL OFFICER

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