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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 (08/11/2025 to 14/11/2025)		
Maximum Temperature (°C)	Minimum Temperature (°C)	Rainfall (mm)
30.9	16	Nil

Crop Condition:

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

Weather Forecast for Khordha from 15-11-2025 to 19-11-2025 (Given by Met. Centre, IMD, Bhubaneswar)

Weather Parameters	Day-1	Day-2	Day-3	Day-4	Day-5
Rainfall & Sky Condition					
	Dry weather with mainly clear sky	Dry weather with clear sky	Dry weather with clear sky	Dry weather with mainly clear sky	Dry weather with mainly clear sky
Maximum Temperature (°C)	30	30	30	30	30
Minimum Temperature (°C)	16	16	17	17	17
Morning Relative Humidity (%)	69	68	67	67	74
Afternoon Relative Humidity (%)	33	33	33	37	42
Wind Speed (Km/h)	8	8	7	8	9
Wind Direction	335	336	343	352	337

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 mainly clear until Wednesday. In the next five days, the wind may blow at speed of 07 - 09 km/h. The daily maximum and minimum temperatures will likely remain between 30°C and 16-17°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.
- ❖ Farmers are advised to undertake necessary agricultural activities, including weeding, fertilization, irrigation, harvesting and pesticide application.
- ❖ Right time to take up Paira crop which can be sown 15 days before harvesting of paddy.
- ❖ Carry out spraying of insecticides or pesticides in crops during morning and afternoon hours.
- ❖ 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.
- ❖ Cover the winter vegetable nursery with polythene in night to protect it from cold night.
- ❖ Farmers are advised to grow short duration Rabi crops like Green gram, Black gram, Cowpea, Field pea, Lentil, Groundnut, Toria and Sunflower in medium/shallow lowlands utilizing the available soil moisture in the field.
- ❖ Consult to nearest veterinary doctor for vaccination and deworming in animals.

General Advisory

Crop	Stage	Advisory
PADDY	Soft dough to Physiological maturity stage	<ul style="list-style-type: none"> ❖ Panicle Mite – For chemical control of Panicle Mite in Paddy, Spray Propargite 57% EC @ 400 ml/acre or Fenazaquin 10% EC @ 400 ml/acre or Fenpyroximate 5% EC @ 400 ml/acre by mixing with 200 litres of water. ❖ False smut: In False smut endemic area, spray Copper hydroxide 77% @ 2g/ltr or Tebuconazole 25% @ 2g/ltr Repeat the spraying at seven days interval for effective control of false smut.
BLACK GRAM AND GREEN GRAM	sowing	<ul style="list-style-type: none"> ❖ Weed management - Apply pre-emergence herbicide Pendimethalin 30 % E.C @ 1 litre /acre at 1-2 DAS.
GROUNDNUT	Sowing	<ul style="list-style-type: none"> ❖ Weed management - 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"> ❖ Red Rot disease 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:	Pre sowing stage	<ul style="list-style-type: none"> ❖ Before sowing, seed treatment should be done with Carbendazim 50% WP @ 2 g/ per kg of seeds or Carboxin 37.5 % + Thiram 37.5% D.S @ 3 g/ kg of seeds. To prevent Damping off disease in nursery, drench the nursery bed with Carbendazim @ 2-gram/litre of water at 15 days interval. Seedlings of 8 weeks old are planted in the main field.
POTATO	Pre planting	<ul style="list-style-type: none"> ❖ Treat the seeds before planting. For treatment of tuber seed, first make a solution of 600-gram of Carbendazim 25% + Mancozeb 50% WS by mixing it in 100-litres of water. Dip one quintal of the tuber seeds in this solution for 20-25 minutes. Remove the tuber seeds from the solution and keep it in shed to dry for 2-4 hours before planting.
PUMPKIN	Flowering and Fruiting	<ul style="list-style-type: none"> ❖ Spraying of Insecticides and pesticides can be done in early morning or evening hours. ❖ Leaf blight disease in pumpkin can be corrected by spraying Mancozeb or Captan @ 2g/lt 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/lt can be used to reduce the whitefly and thrips infestation.
ANIMAL HUSBANDRY		<ul style="list-style-type: none"> ❖ 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.

PRINCIPAL NODAL OFFICER

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