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**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 (05/11/2025 to 11/11/2025)		
Maximum Temperature (°C)	Minimum Temperature (°C)	Rainfall (mm)
31.9	17.6	Nil

**Crop Condition:**

- Medium duration paddy is at physiological maturity stage. Late duration paddy is in milking to soft dough 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 12-11-2025 to 16-11-2025 (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 mainly clear sky	Dry weather with clear sky	Dry weather with clear sky	Dry weather with mainly clear sky
Maximum Temperature (°C)	30	30	31	31	30
Minimum Temperature (°C)	15	15	16	16	15
Morning Relative Humidity (%)	61	62	59	60	62
Afternoon Relative Humidity (%)	30	29	28	28	34
Wind Speed (Km/h)	9	8	8	8	7
Wind Direction	331	331	339	334	336

**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 Sunday. 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 - 31°C and 15-16°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 transplant 30-45 days old vegetable seedlings like chilli, Tomato, Capsicum, Cabbage, Cauliflower, Brinjal etc. in the main field.
- ❖ Treat the seeds with fungicides before sowing in the field.
- ❖ Cover the winter vegetable nursery with polythene in night to protect it from cold night.
- ❖ Harvest rice crops which have reached 85% maturity of the panicle and looks pale yellow in colour. After threshing, paddy grains need to be sun-dried to 14% moisture for consumption purpose and for seed purpose it should be dried to 12% moisture for better self-life.
- ❖ For safe storage of paddy, use Super Grain Bag which is helpful for retaining the quality texture, colors, aroma, fragrance and taste of the commodities for longer period of time and process, dry and pack paddy varieties separately without mixing for better price of the produce.
- ❖ Onion varieties like Agrifound light Red, Agrifound Dark Red, Bhima Shakti, Bhima Super, Arka Niketan etc are suitable for our Odisha condition during winter season.
- ❖ Farmers are advised to grow some high yielding Potato varieties Kufri Jyoti, Kufri Badsah and Kufri Sundari, Kufri Khyaati, Kufri Suriya, Chipsona etc.
- ❖ 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
<b>PADDY</b>	Milking to Physiological maturity stage	<ul style="list-style-type: none"> <li>❖ <b>Panicle Mite</b> – 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.</li> <li>❖ <b>False smut:</b> 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.</li> </ul>
<b>BLACK GRAM AND GREEN GRAM</b>	Pre sowing stage	❖ Grow high yielding varieties like T 9, PU 11, PU 19 and PU 30 for black gram and K 851, PDM 11, PDM 54, OUM 115 for green gram. Use 10 kg seeds/acre. Before sowing, seeds are to be treated with the Rhizobium culture.
<b>GROUNDNUT</b>	Pre sowing stage	❖ Use the groundnut varieties suitable to Odisha condition like Kalinga groundnut 101, Devi, Kadri-6, Kadri-9, TG-37A, TAG-51, TAG-38, TAG-24, Smruti, CO-7, Dharani etc. For one acre 40-50 kg groundnut seed kernel is required.
<b>MUSTARD</b>	Pre sowing stage	❖ The seed rate for mustard cultivation is 2-kg/acre. Go for seed treatment before 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. Plough the field 3 to 4 times and apply 2 tonnes of well decomposed FYM or Compost. Apply 100 kg of Gypsum per acre during final land preparation.
<b>SUGARCANE</b>	Grand growth – ripening stage	❖ <b>Red Rot disease</b> 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.
<b>BRINJAL</b>	Vegetative to Fruiting	❖ 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.
<b>CHILLI</b>	Vegetative to Fruiting	❖ To manage thrips infestation install Blue sticky trap @ 8 nos./acre. For chemical control spray Emamectin Benzoate 5% SG @ 0.4 g/lit or Fipronil 5% SC @ 2ml/lit or Imidacloprid 17.8% SL 0.35 ml/lit of water.
<b>POTATO</b>	Pre planting	❖ 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.
<b>COLE CROP</b> (Cauliflower and Cabbage)	Vegetative stage	❖ <b>Fertilizer Management</b> Apply 33-kg of Urea and 23 kg MOP per acre after hoeing and hand weeding at 15-20 DAT and 33 kg of urea and 23-kg of MOP per acre as last top-dressing fertilizer at 30-35 DAT. If Borax was not applied during transplanting of seedlings than spray Borax @ 4 kg/acre or Folibor /Solubor @ 1.5 gram/litre. Spraying of Boron micronutrient should be done after two weeks of transplanting and two weeks before curd formation.
<b>BANANA</b>	Reproductive	<ul style="list-style-type: none"> <li>❖ Harvested bunch should be kept at safe places away from the soil and water.</li> <li>❖ Spraying of Imidachloprid @ 1ml/ltr can be used to reduce the whitefly and thrips infestation.</li> </ul>
<b>ANIMAL HUSBANDRY</b>		❖ 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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