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ODISHA UNIVERSITY OF AGRICULTURE AND TECHNOLOGY  
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**Week No. 24**

No. -666 (Eng. Bulletin)  
Dt. - 12.06.2026

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

Past Week Weather in Khordha		
Maximum Temperature (°C)	Minimum Temperature (°C)	Rainfall (mm)
38.8	26.4	22

**Weather Forecast for Khordha from 13-06-2026 to 17-06-2026 (Given by Met. Centre, IMD, Bhubaneswar)**

DISTRICT	KHORDHA				
	13/06/2026	14/06/2026	15/06/2026	16/06/2026	17/06/2026
Date					
Rainfall (mm)	12	15	15	12	12
T-MAX (°C)	37	37	36	36	37
T-MIN (°C)	27	26	27	26	26
Cloud Cover	4	5	5	4	4
Rh Max (%)	87	88	86	85	84
Rh Min (%)	47	47	48	43	36
Wind speed (kmph)	11	14	13	9	11
Wind Direction (deg)	193	195	200	176	195
<b>Weather Warnings</b>	Thunderstorms & Lightning with gusty surface wind and hot & humid days	Thunderstorms & Lightning with gusty surface wind and hot & humid days	Thunderstorms & Lightning with gusty surface	Thunderstorms & Lightning with gusty surface wind	Thunderstorms & Lightning with gusty surface wind

**Forecast Summary :**

As per the forecasts received from the IMD, the district of Khordha may likely to receive light rainfall for the next five days. The cloud cover of the four districts may remain partly cloudy to generally cloudy for the next five days. The wind speed may remain within 09 to 14 km/h for the next five days. For the next five days, the daily maximum temperature and minimum temperature may likely remain between 36°C to 37°C and 26°C to 27°C respectively.

**Warning (Yellow): Hot and Humid days for the next two days and Thunderstorms & Lightning with gusty surface wind for the next five days.**

**General Advisory**

- ❖ Based on the rainfall forecast for the next five days, farmers are advised to withheld irrigation and application of fertilizer and pesticides for the time being.
- ❖ As most part of the Odisha already received substantial amount of summer rainfall, thus initial land preparation should be done for dry nursery for Kharif rice.
- ❖ For paddy cultivation, always use certified seeds. Germination test is advisable before sowing. Apply 2 ton of well decomposed FYM per acre during final land preparation.
- ❖ Prepare nursery bed and sowing may be done after monsoon showers in rainfed transplanted rice areas.
- ❖ For one-acre area of paddy transplanting 400 m<sup>2</sup> (10 Decimal) size of land is required for nursery raising.
- ❖ Matured Fruits like Mango, Litchi, Jackfruit, Pineapple, Pomegranate, Lemon, etc. should be harvested.
- ❖ As thunderstorms with lightning are expected for the next five days, farmers are advised not to stay in open fields, near trees, or water bodies during thunderstorms. If no shelter is available, crouch low with your feet together in an open area.
- ❖ Unplug farm equipment, motors, and irrigation pumps to avoid damage.
- ❖ As hot and humid day forecast for next three days, so use umbrella or wet cloth on head to protect from sun rays during the day time and farmers are advised to avoid working during peak hot hours (12 PM to 4 PM).

- ❖ As there is a chance of thunderstorm and lightening activity, Keep the animals away from water bodies and other metal farm equipment. Don't allow your animals to congregate under trees.
- ❖ Provide mechanical support/staking to banana, papaya, cucurbits, etc against gusty winds.

### SMS Advisory :

- ❖ Fishermen are advised not to venture into the sea along and off north Odisha coast on 12<sup>th</sup> & 13<sup>th</sup> June, 2026.

### Agromet Advisory

Crop	Stage	Advisory
<b>PADDY</b>		<ul style="list-style-type: none"> <li>❖ <b>Dry Nursery Field Preparation</b> Nursery bed preparation for dry nursery and sowing may be done after monsoon showers in rainfed transplanted rice areas. For one-acre area of paddy transplanting 400 m<sup>2</sup> (10 Decimal) size of land is required for nursery raising. Selected nursery field should be ploughed 3- 4 times. Apply 1 tonne of FYM and mixed it properly during last ploughing. Divide nursery area into smaller plots of 1.5-metre-long, 10 cm height and convenient length. Irrigation channels of size 30 cm in breadth should be made along the beds for irrigation/drainage. For each square metre of nursery bed apply 10 gram of DAP and 10 grams of MOP. For each square metre of nursery bed 50 to 60 grams of treated seeds should be sown in line at 5 cm gap and at a depth of 3 cm.</li> </ul>
<b>GROUNDNUT</b>	Sowing	<ul style="list-style-type: none"> <li>❖ Use suitable variety of Groundnut like Devi (ICGV-91114), Kadri-6, Kadri-9, TG-37A, TAG-51, TAG-38, TAG-24, Smruti, CO-7, Dharani etc. Treat the seeds with recommended species of Rhizobium bacterial culture @ 20 gm/kg of seeds before 1 hour of sowing.</li> </ul>
<b>MAIZE</b>	Sowing	<ul style="list-style-type: none"> <li>❖ <b>Seed Treatment</b> To avoid the infestation of Fall Army Worm seed treatment is mandatory that saves the plant from insect attack in the initial stages of crop growth. Treat 1-kg seeds with 4-ml Cyantraniliprole 19.8% + Thiomethoxam 19.8% FS.</li> </ul>
<b>ARHAR</b>	Sowing	<ul style="list-style-type: none"> <li>❖ Seed treatment can be done with Carbendazim 50 % WP @ 2- gram/ kg of seeds or Carboxin 37.5 % + Thiram 37.5% D.S WP (Vitavax power/Vaccinator Power. Treat the seeds with recommended species of Rhizobium bacterial culture @ 20 gram/kg of seeds before 1 hour of sowing. The gap between chemical seed treatment and Rhizobium treatment should be at least 7 days.</li> </ul>
<b>SUGARCANE</b>	Vegetative stage	<ul style="list-style-type: none"> <li>❖ There are chances of early shoot borer infestation in sugarcane crop. Collect and destroy the egg masses manually. During clear weather condition in furrow, apply Fipronil 0.3% GR @ 10 kg/acre at the time of first earthing up.</li> </ul>
<b>BRINJAL</b>	Nursery - Seedling	<ul style="list-style-type: none"> <li>❖ <b>Damping off disease</b> To control damping-off disease of brinjal seedlings in the nursery, after cessation of rainfall drench the nursery bed soil with a solution of 20 g Metalaxyl 4% + Mancozeb 64% WP in 10 litres of water. The brinjal seedlings become ready for transplanting after 25–30 days of sowing. In the evening one day before uprooting the seedlings for transplanting, drench the nursery bed soil with a solution of 10 g Trichoderma viride (1% WP) or Trichoderma harzianum (1% WP) mixed in 10 litres of water to suppress soil-borne pathogens and promote healthy root growth.</li> </ul>
<b>OKRA</b>	Fruiting stage	<ul style="list-style-type: none"> <li>❖ There are chances of sucking pest like aphids, Jassids, thrips and whiteflies in Okra. At early stage of infestation spray neem-based pesticide (Neem Oil 1500 PPM @600 ml/acre by mixing it in 200 litre of water. Spray Thiamethoxam 25 % WG @ 40 g/acre or Acetamiprid 20 % SP@ 50 g /acre or Tolfenpyrad 15 % EC @ 400 ml/acre by mixing it in 200 litre of water during clear weather condition.</li> </ul>
<b>CHILLI</b>	Vegetative - Fruiting stage	<ul style="list-style-type: none"> <li>❖ <b>Wilt Management</b> Typical disease symptoms involve progressive wilting of the plant along with upward and inward leaf curling. Initial signs include slight foliar yellowing and upper leaf wilting, which eventually develop into permanent wilting with persistent leaf attachment. This is followed by complete yellowing and leaf senescence. Effective control can be achieved through spraying a mixture of Carbendazim and Mancozeb at 400 g per 200 L water per acre after cessation of rain.</li> </ul>
<b>DRUMSTICK</b>	Pod development stage	<ul style="list-style-type: none"> <li>❖ During clear weather conditions to manage Pod borer infestation in drumstick Spray Cypermethrine @ 80 g per acre at 15 days interval.</li> </ul>
<b>ANIMAL HUSBANDRY</b>		<ul style="list-style-type: none"> <li>❖ Stomatitis in livestock is characterized by inflammation or ulceration of the oral cavity, including the tongue, and is commonly induced by dietary irritants, pathogenic infections (bacterial or viral), or rough-textured fodder. Affected animals show signs include reduced feed intake (anorexia) and hypersalivation.</li> <li>❖ As an initial step, inspect and remove any extraneous material from the animal's oral cavity. Perform an antiseptic wash of the oral cavity using a 1–2% solution of sodium bicarbonate or potassium permanganate to</li> </ul>

	mitigate infection risk. Administer 1% boro-glycerine topically within the oral cavity to alleviate mucosal irritation. Ensure the animal receives clean water, balanced feed, and minimal physical stress during recovery.
<b>PISCICULTURE</b>	❖ Carp such as Rohu, Catla and Mrigal, which grow rapidly, should be stocked in a certain ratio of 4:3:3 to increase the benefits. Generally, a density of 5,000 fingerlings/ha is kept as a standard stocking. Groundnut oil cake and rice bran is given in same ratio @ 5% of the total biomass of stocking material. Cow dung, urea and super phosphate should be applied to increase pond quality. In 8-10 months, fishes attain their marketable size.

**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).

**Farmers are advised to download Unified "Mausam" and "Meghdoot" android application on mobile for Weather forecast and weather based Agromet Advisories and "Damini" android application for forecast of Thunderstorm and lightening.**

**Mausam MobileApp link: <https://play.google.com/store/apps/details?id=com.imd.masuam&hl=hi>**

**Meghdoot MobileApp link: <https://play.google.com/store/apps/details?id=com.aas.meghdoot>**

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