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INDIA METEOROLOGICAL DEPARTMENT, MINISTRY OF EARTH SCIENCES
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District - Khordha (East and South-Eastern Coastal Plain Agroclimatic Zone)

Past Week Weather in Khordha		
Maximum Temperature (°C)	Minimum Temperature (°C)	Rainfall (mm)
39.6	26.6	25

Weather Forecast for Khordha from 06-06-2026 to 10-06-2026 (Given by Met. Centre, IMD, Bhubaneswar)

DISTRICT	KHORDHA				
Date	06/06/2026	07/06/2026	08/06/2026	09/06/2026	10/06/2026
Rainfall (mm)	8	7	4	4	1
T-MAX (°C)	40	40	39	40	39
T-MIN (°C)	28	28	27	28	27
Cloud Cover	4	4	3	3	2
Rh Max (%)	84	82	80	72	65
Rh Min (%)	36	37	35	28	19
Wind speed (kmph)	7	6	13	13	14
Wind Direction (deg)	205	197	213	220	241
Weather Warnings	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 wind and hot & humid days	Thunderstorms & Lightning with gusty surface wind and hot & humid days	Thunderstorms & Lightning with gusty surface wind and hot & humid days

Forecast Summary :

As per the forecasts received from the IMD, hot & humid conditions are likely to prevail across Khordha, district for next five days with maximum temperature ranging from 39°C to 40°C and Minimum temperatures mostly between 27 - 28°C. The sky condition may remain mainly clear to partly cloudy with possibility of very light to light rainfall during next five days. Winds may blow with range from 06 to 14 km/h during next five days.

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

General Advisory

- ❖ 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.
- ❖ To avoid ants, during nursery preparation, apply Dust Chloropyriphos powder around the nursery bed.
- ❖ In dry condition, provide adequate amount of irrigation.
- ❖ Apply mulches to maintain high moisture status in the soil.
- ❖ As hot and humid day forecast for next five 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).
- ❖ Provide mechanical support/staking to banana, papaya, cucurbits, etc against gusty winds.
- ❖ 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.
- ❖ For planting of fruit crops in July and August go for digging of pits before onset of monsoon to effect solarization of soils removed from the pits for killing the hibernated insects and their eggs.
- ❖ Provide clean and adequate water to the cattle. Allow them for grazing either in morning or in afternoon hour during clear weather conditions.

SMS Advisory :

- ❖ Matured Fruits like Mango, Litchi, Jackfruit, Pineapple, Pomegranate, Lemon, etc. should be harvested.

Agromet Advisory

Crop	Stage	Advisory
PADDY		<ul style="list-style-type: none"> ❖ Upland rice varieties (Matures in 100-120 days) like Khandagiri, Sahabhagi Dhan, Mandakini, Naveen, GB-1, Bina-11, MTU-1010, Satyabhama, Swarna Shreya etc. can be cultivated. ❖ Medium land rice varieties (Matures in 120-140 days) like MTU 1156, MTU 1153, Lalat, Improved Lalat, Manaswini, MTU-1001, Sampada, Gitanjali, Nua acharmati etc can be cultivated. ❖ Low land rice varieties (Matures >140 days) like Pratikshya, Swarna, Swarna Sub-1, Mrinalini, Hashanta, Rani Dhan, Pooja, MTU-1064, Sarala, Durga, Pradhan Dhan etc can be cultivated. ❖ Seed Treatment Seed treatment is necessary before sowing Paddy. It will control Seed borne diseases to some extent. Before sowing, seed treatment can be done with Carbendazim 50 % WP @ 2- gram/ kg of seeds or Carboxin 37.5 % + Thiram 37.5% D.S WP or thiram 75 % WS @ 3 gm/kg of seeds.
ARHAR	Sowing	<ul style="list-style-type: none"> ❖ PRG-235, PRG 176, VL ARHARI, T-Arhar, TDRG-59, PANT-A-7 and GT-104 etc are some improved varieties of Arhar. If line sowing is done in the field, the recommended seed rate for early and late maturing varieties is 8 and 6 kg/acre. Seed treatment can be done with Carbendazim 50 % WP @ 2- gram/ kg of seeds or Carboxin 37.5 % + Thiram 37.5% D.S WP. 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.
SUGARCANE	Vegetative stage	<ul style="list-style-type: none"> ❖ 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.
MAIZE	Sowing	<ul style="list-style-type: none"> ❖ Seed rate for maize is 6-7 kg/acre. To avoid the infestation of Fall Army Worm, treat 1-kg seeds with 4-ml Cyantranilprole 19.8%+ Thiamethoxam 19.8% FS. Keep row to row spacing at 60 cm and plant to plant at 20 cm. To maintain optimum plant population, use seed drill for sowing or sow the seeds behind the plough. Apply 55- kg of DAP and 22-kg of potash as basal fertilizer. For chemical control of weeds in Maize, spray Atrazine 50 % W.P herbicide @ 800 gram/acre by mixing it in 200 litres of water within 1-2 DAS.
CUCURBITS	Flowering to Fruiting	<ul style="list-style-type: none"> ❖ There is chance of late blight disease in cucurbits due to rise in day temperature. To control this, spray Carbendazim 12 % + Mancozeb 63 % WP @ 2g per litre of water.
OKRA	Fruiting stage	<ul style="list-style-type: none"> ❖ Shoot and fruit borer To manage the pest, remove the affected terminal shoot showing bore holes and the affected fruits. To manage the pest biologically spray Bacillus thuringiensis var. Kurstaki 5 % WP @ 400 g/acre. To manage the pest chemically spray Emamectin Benzoate 5% SG @ 80 g/ acre or Chlorantranilprole 18.5 % SC @80 ml/acre or Pyridaly 10% EC @ 300 ml/acre by mixing in 200 litre of water.
YAM	Planting	<ul style="list-style-type: none"> ❖ May to June is the optimum time for yam planting. Grow suitable high yielding varieties of yam like Local variety: Shreekirti, Shreerupa, Hatikhoj, Shreeshilpi, Small yam: Shreelata, Shreekala. White yam: Shreesubhra, Shreepriya, Shreedhanya. 8-10 quintals yam required for planting in one acre. Cut the yam into pieces of 150-200 g each. Dig out 1.5 ft. dia and 1.5ft deep holes at 3X3 ft spacing. Apply 5 tons FYM during final land preparation. Apply full P of the recommended fertilizer dose of 32:24:32 kg NPK/acre as basal. Plant the seed material at 5-10 cm sowing depth. Cover the beds with straw mulch of 5 cm height.
BANANA	Vegetative / Fruiting	<ul style="list-style-type: none"> ❖ To prevent stem weevil, install Cosmolure pheromone traps @ 10/acre in banana garden. Dip the banana stem in warm water for 30 minutes before planting. Fill the pit with 25 g neem pedia or 25-50 g any granular insecticide before planting. Cut the affected plant into pieces and dry under sun. Keep the banana garden neat and clean. Inject the pseudostem with Imidacloprid 30 SL at 45 degree angle @ 2ml/plant.
DRUMSTICK	Pod development stage	<ul style="list-style-type: none"> ❖ During clear weather conditions to manage Pod borer infestation in drumstick Spray Cypermethrine @ 80 g per acre at 15 days interval.
PISCICULTURE		<ul style="list-style-type: none"> ❖ 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.

GOAT & SHEEP

- ❖ **Sand floor management for the goat and sheep shed-** By using sand over the floor we can keep the floor dry so that the animals are kept free from different diseases. The speciality of this shed is the floor is made of bricks and cement and sand from river is spread over it by a thickness of 4-6 inches. The sand soaks the urine so that the animals can sleep over it comfortably. It is also easier to clean the faecal material over the sand floor. To keep the sand dry it is stirred upside down in 15-20 days interval. The floor space requirement for kid is 0.5, for adult 1.2, for buck and pregnant female 2 square metre floor space is necessary which is suitable for every type of shed.

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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