



GRAMIN KRISHI MAUSAM SEWA (GKMS)
INDIA METEOROLOGICAL DEPARTMENT, MINISTRY OF EARTH SCIENCES
ODISHA UNIVERSITY OF AGRICULTURE AND TECHNOLOGY
BHUBANESWAR -751 003



Dr. T. R Mohanty
Nodal Officer

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

Past Week Weather in Khordha (25/10/2025 to 31/10/2025)		
Maximum Temperature (°C)	Minimum Temperature (°C)	Rainfall (mm)
32.3	24.4	73.1

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 01-11-2025 to 05-11-2025 (Given by Met. Centre, IMD, Bhubaneswar)

Weather Parameters	Day-1	Day-2	Day-3	Day-4	Day-5
Rainfall & Sky Condition					
	Light rain with Partly cloudy sky	Light rain with Partly cloudy sky	Very light rain with Partly cloudy sky	Very light rain with Partly cloudy sky	Very light rain with mainly clear sky
Maximum Temperature (°C)	32	32	32	34	34
Minimum Temperature (°C)	24	23	23	22	22
Morning Relative Humidity (%)	93	92	90	92	90
Afternoon Relative Humidity (%)	68	61	63	65	61
Wind Speed (Km/h)	5	4	5	6	5
Wind Direction	240	290	318	345	352

As per the forecast received from IMD, the district of Khordha may likely to receive very light to light rainfall for the next five days. The sky condition may remain mainly clear to partly cloudy until Wednesday. In the next five days, the wind may blow at speed of 04-06 km/h. The daily maximum and minimum temperatures will likely remain between 32-34°C and 22-24°C, respectively.

Agromet Advisory

- ❖ As per the district level weather forecast issued by IMD, the district of Khordha may likely to receive very light to light rainfall for the next five days.
- ❖ Drain out the water from paddy field, 15 days before harvesting the crop.
- ❖ Harvest matured crops like vegetables & pulses and keep them in a safe place.
- ❖ Store the harvested paddy in a safer place (properly stacked with suitable cover) to avoid damage.
- ❖ To manage fungal and bacterial diseases (leaf blight, wilt, and rot) in different standing crops, During clear weather condition spray (Metalaxyl+ Mancozeb) @ 2-gram/litre of water or (Carbendazim+ Mancozeb) @ 2-gram/litre of water along with Plantomycin @ 1-gram/ litre of water.
- ❖ 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.
- ❖ Do proper field surveillance for pests and diseases regularly and take appropriate plant protection measures accordingly.
- ❖ Yellow warning has been issued by IMD, Bhubaneswar for thunderstorm with lightning accompanied with gusty surface wind speed reaching 30-40 kmph are expected for the next two days. So, 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.

General Advisory

Crop	Stage	Advisory
PADDY	Flowering to Physiological maturity stage	<ul style="list-style-type: none"> ❖ <u>Ear Head Caterpillar-</u> To control ear head caterpillar spray Chlorpyriphos 50 % + Cypermethrin 5 % EC @ 400 ml/acre or Profenophos 50 % EC @ 400 ml/acre. As the pest is nocturnal in behaviour spraying of pesticide should be done in the evening hours for better result. ❖ <u>BPH -</u> If population of Brown Plant Hopper (BPH) exceeds economic threshold level (ETL) (i.e., 5-10 hoppers/hill), it is advised to alter the micro-climate of the rice field by alternate wetting and drying technique (water should not stand in the field for long time). If problem still persists, spray Pymetrozine 50% WG @ 120 g/acre or Dinotefuran 20 % SG @ 80 g/acre or Flonicamid 50 % WG @ 60- gram/acre or Triflumezopyrim 10% SC @ 100 ml / acre at the base of the plant for control of above pests. Avoid using nitrogenous fertilizers during infestation of BPH. ❖ <u>Gundhi Bug Management-</u> To control Gundhi Bug spray Chlorpyriphos 20% EC @ 400 ml/ acre or Malathion 50 % EC @ 400 ml/ acre by mixing in 200 litre of water. Dusting of Chlorpyriphos 1.5 % D @ 10 kg/acre or Malathion 5 % D.P @ 10 kg/acre should be done uniformly during morning hours, when there is no or minimum wind.
GROUNDNUT	Physiological maturity stage/ Harvesting stage	<ul style="list-style-type: none"> ❖ <u>Storage-</u> Groundnut should be stored in polythene lined gunny bags with desiccant like fused Calcium Chloride @ 250-gram/30-kg of seeds. The desiccant should be tied with cotton cloth and kept inside perforated plastic box. The sealed bags should be kept vertically inside a well-ventilated room at room temperature. This technique is very effective in maintaining high germination rate even after 8-10 months of storage.
MAIZE	Physiological maturity stage/ Harvesting stage	<ul style="list-style-type: none"> ❖ The grain can be harvested when cob-sheath turns brownish, grains become hard, and they do not contain more than 30- percent moisture in them. Black to brown spots appears on the cob when grains are removed. Tear off the sheath after cobs are removed from standing plants. Dry the cobs under the sun till the grains attains 12-15 % Moisture level. Use hand operated maize sheller or power operated maize sheller to remove the grains. After shelling, the grain can be dried for 2 to 3 days, cleaned and stored at 8 to 10 per cent moisture in gunny bag.
SUGARCANE	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.
CUCURBITS	Vegetative to Fruiting	<ul style="list-style-type: none"> ❖ <u>Fruit fly</u> To manage fruit fly in cucurbits, prepare a poison bait by mixing 400-gram Jaggery and 8-ml Malathion or DDVP in 4-litre of water. Keep this mixture in Plastic cups or clay pots @80-nos/acre. The fruit flies will be attracted to this and eventually get killed by falling into the poison baits.
PAPAYA	Vegetative to Fruiting	<ul style="list-style-type: none"> ❖ <u>Mealy bug</u> To manage mealy bug at early stage of infestation spray neem-based pesticide (Neem Oil 1500 PPM @30- ml/10-litre of water or insecticidal soap. In case of severe infestation spray Profenphos 50 % EC @ 20-ml/10-litre of water or Thiamethoxam 25 % WG @ 3-gram/10-litre of water.
OKRA	Vegetative to Fruiting	<ul style="list-style-type: none"> ❖ <u>Sucking Pest (Aphids, Jassids, Thrips and Whiteflies)</u> To manage sucking pest like aphids, Jassids, thrips and whiteflies in Okra spray neembased pesticide (Neem Oil 1500 PPM Azadiractin @600-ml/acre by mixing it in 200-litre of water or install 8-10 Nos of Yellow sticky traps per acre to control the pest. Spray Thiamethoxam 25 % WG @ 40-gram/acre or Acetamiprid 20 % SP @ 50-gram/acre or Fenobucarb @ 400-ml/acre or Tolfenpyrad 15 % EC @ 400- ml/acre by mixing it in 200-litre of water when infestation is severe.
ANIMAL HUSBANDRY		<ul style="list-style-type: none"> ❖ <u>Mastitis disease in cattle</u> Mastitis is a condition typified by the persistent and inflammatory reaction of the udder tissue usually seen in lactating cows. In addition to this, there is a possibility of this disease due to wounds on the flanks, unclean stalls and tying cows in unclean and wet places. In this disease, the mammary gland become swollen, tight, and milk does not come out. To get rid of it, you need to milk with clean hands. Keep the

	<p>floor of the house clean and dry and let the cow stand for 10 minutes to eat grass or straw after the cows have finished calving.</p>
<p>PISCICULTURE</p>	<p>❖ <u>Treatment of eye disease in fish</u> The disease causes the fish's eyelids to rot completely and the fish to become blind. Does not accept food. Within 24 to 48 hours of infection, all Catla fishes die. If the disease occurs, 2 grams of chloromycin should be dissolved in 200 liters of water and the infected fish should be submerged in the solution for 1 hour then release to pond. If treated for 2 to 3 consecutive days, the fish's eye disease will be cured.</p>

PRINCIPAL NODAL OFFICER

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