



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

Week No. 42

No. -1009 (Eng. Bulletin)
Dt. - 17.10.2025

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

Past Week Weather in Khordha (11/10/2025 to 17/10/2025)		
Maximum Temperature (°C)	Minimum Temperature (°C)	Rainfall (mm)
33.1	23.1	18.7

Crop Condition:

- Harvesting of autumn paddy has started. Medium duration paddy is at flowering to milking stage. Late duration paddy is in PI to flowering stage.
- Top dressing of fertilizer in paddy is going on. Harvesting of maize crop has started. Sugarcane is at grand growth stage. Overall crop condition is Normal.

Weather Forecast for Khordha from 18-10-2025 to 22-10-2025 (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	Very light rain with Partly cloudy sky	Light rain with Generally cloudy sky	Light rain with Generally cloudy sky	Light rain with mainly clear sky
Maximum Temperature (°C)	33	33	33	33	32
Minimum Temperature (°C)	22	22	22	22	21
Morning Relative Humidity (%)	88	93	93	95	93
Afternoon Relative Humidity (%)	51	60	59	61	59
Wind Speed (Km/h)	6	6	5	6	6
Wind Direction	346	353	356	353	357

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 generally cloudy until Wednesday. In the next five days, the wind may blow at speed of 05-06 km/h. The daily maximum and minimum temperatures will likely remain between 32-33°C and 21-22°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 except dry weather on Saturday.
- ❖ To control foot rot disease in paddy spray Metalaxyl 8% +Mancozeb 64% WP @ 400- gram/acre or Carbendazim 12% +Mancozeb 63% WP @ 400-gram/acre.
- ❖ Harvest matured crops like vegetables & pulses and keep them in a safe place.
- ❖ Deworming and vaccination against Foot and Mouth Disease and Brucellosis should be advised in animals.
- ❖ Vegetable seedlings should be transplanted in afternoon hours.
- ❖ Now the condition is optimum for land preparation and nursery sowing of cauliflower, cabbage, knolkhol, Carrot and radish.
- ❖ Termites may damage crops and vegetables in the present weather condition. Farmers are advised to spray Chlorpyrifos 20 EC @ 4 ml/litre of water.
- ❖ 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 Monday & Tuesday for the district of Khordha. So farmers are advised to stop all outdoor activities once you hear thunder or see lightning.

General Advisory

Crop	Stage	Advisory
PADDY	Flowering / Milking	<ul style="list-style-type: none"> ❖ False smut: False smut disease may be seen in paddy field. To manage the same, spray Propiconazole or Hexaconazole @ 100 ml or Copper oxychloride @ 250 g in 200 lit of water per acre. ❖ Neck Blast To control Neck Blast diseases first drain out excess water from the paddy field. Spray Hexaconazole @ 400-ml/acre or Azoxystrobin+ Difenconazole @ 200-ml/acre or Tebuconazole + Trifloxystrobin @ 80-gram/acre.
BLACK GRAM AND GREEN GRAM	Pod formation/ Physiological maturity	<ul style="list-style-type: none"> ❖ Pod Borer Management There are chances of Pod borer infestation in black gram and green gram crop. To manage Bihar hairy caterpillar in green gram and black gram crop spray Emamectin Benzoate 5% SG @ 80-gram/ acre or Chlorantraniliprole 18.5 % SC @80-ml/acre or Profenophos 50 % EC @ 400- ml/acre.
SUGARCANE	Grand growth stage	<ul style="list-style-type: none"> ❖ Present dry weather may favour Pyrilla and Mealy Bug infestation in sugarcane crop. To control this pest, spray Imidacloprid 17.8 % SL @ 60-ml/acre or Thiamethoxam 25 % WG @ 40-gram/acre or Profenophos 50 % EC @ 400-ml/acre by mixing it in 200 litre of water.
ONION	Pre sowing stage	<ul style="list-style-type: none"> ❖ Before sowing of seeds seed treatment should be done with Carbendazim 50% WP @ 2-gram/ per kg of seeds or Carboxin 37.5 % + Thiram 37.5% D.S @ 3- gram/ kg of seeds. Seedlings of 8-weeks old are planted in the main field.
BITTER GOURD	Fruiting and Harvesting	<ul style="list-style-type: none"> ❖ To manage the infestation of Fruit flies, spray Malathion @ 1 ml/lit. ❖ To control the Powdery mildew disease in the crop, spray Dinocap @ 1 ml/lit or Carbendazim @ 1 g/lit.
BRINJAL	Flowering/ Fruiting	<ul style="list-style-type: none"> ❖ The plants showing wilting symptoms, can be uprooted/ destroyed away from the field. ❖ Phomopsis blight To reduce the Phomopsis blight disease in brinjal, spray Metalaxyl + Mancozeb combination @ 400 g/acre or Zineb 75% WP @ 500 g/acre in 200 litres of water.
BANANA	Fruiting	<ul style="list-style-type: none"> ❖ Sigatoka leaf spot To manage Sigatoka leaf spot and Cigar end rot or Tip rot spray Mancozeb 75% WP @ 3g/liter of water.
GUAVA	Vegetative	<ul style="list-style-type: none"> ❖ Bending process in guava can be beneficial for more number of branches. ❖ Powder mildew in Guava is a major disease which can be reduced by spraying Sulphur powder @ 2-3 g/lit. ❖ Spraying should not be done during bright sunshine hours.
ANIMAL HUSBANDRY		<ul style="list-style-type: none"> ❖ Liver fluke infestation in sheep and goats Liver Fluke is a great enemy of Sheep and Goats. These worms live in their liver and damage the liver. 4-12 months aged animals are mostly affected. Hide bound oedema is found in the lower jaw and finally they die. This disease is diagnosed by faecal sample examination. Oxyclosanide, Triclabendazole and closantel are the drugs of choice for killing this worm. Infestation of this worm can be controlled by killing the snails by applying copper sulphate or by duck rearing.

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).

IMD Weather forecast and Agro-meteorological advisory of Odisha location is now available on Meghdoot mobile app in English and Odia language.

Download: (Android: <https://play.google.com/store/apps/details?id=com.aas.meghdoot>)(iOS: <https://apps.apple.com/in/app/meghdoot/id1474048155>)

E-mail: aas_ouat@yahoo.com, WhatsApp: +91 76569 09765, Web Portal: <https://ouat.nic.in/agro-advisory-service>