



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. 45

No. -1102 (Eng. Bulletin)
Dt. - 07.11.2025

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

Past Week Weather in Khordha (01/11/2025 to 07/11/2025)		
Maximum Temperature (°C)	Minimum Temperature (°C)	Rainfall (mm)
32.6	21.3	3.2

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 08-11-2025 to 12-11-2025 (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 mainly clear sky	Dry weather with mainly clear sky	Dry weather with mainly clear sky
Maximum Temperature (°C)	32	32	32	31	31
Minimum Temperature (°C)	19	19	18	17	17
Morning Relative Humidity (%)	75	68	66	62	62
Afternoon Relative Humidity (%)	49	42	39	37	36
Wind Speed (Km/h)	8	9	9	8	8
Wind Direction	343	337	341	335	329

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 mainly clear until Wednesday. In the next five days, the wind may blow at speed of 08 - 09 km/h. The daily maximum and minimum temperatures will likely remain between 31 - 32°C and 17-19°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.
- ❖ 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.
- ❖ Harvest matured crops like vegetables & pulses and keep them in a safe place.
- ❖ 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.
- ❖ Use the groundnut varieties suitable to Odisha condition like Devi (ICGV-91114), 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.
- ❖ 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.

General Advisory

Crop	Stage	Advisory
PADDY	Milking to Physiological maturity stage	<ul style="list-style-type: none"> ❖ Ear Head Caterpillar- To control ear head caterpillar spray Chlorpyrifos 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. ❖ Gundhi Bug Management- To control Gundhi Bug spray Chlorpyrifos 20% EC @ 400 ml/ acre or Malathion 50 % EC @ 400 ml/ acre by mixing in 200 litre of water. Dusting of Chlorpyrifos 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.
BLACK GRAM AND GREEN GRAM	Pre sowing stage	<ul style="list-style-type: none"> ❖ 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.
GROUNDNUT	Pre sowing stage	<ul style="list-style-type: none"> ❖ 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.
MUSTARD	Pre sowing stage	<ul style="list-style-type: none"> ❖ 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.
BRINJAL AND TOMATO	Seedling stage	<ul style="list-style-type: none"> ❖ To manage wilt and rot disease in Brinjal and Tomato, drench the root zone with a solution of 10g Plantomycin and 20-gram (Metalaxyl 8% + Mancozeb 64 % WP) or 10 ml Tebuconazole mixed in 10 litres of water.
CHILLI	Vegetative to Fruiting	<ul style="list-style-type: none"> ❖ 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.
OKRA	Vegetative to Fruiting	<ul style="list-style-type: none"> ❖ Sucking Pest (Aphids, Jassids, Thrips and Whiteflies) 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.
COLE CROP (Cauliflower and Cabbage)	Vegetative stage	<ul style="list-style-type: none"> ❖ Fertilizer Management 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.
MARIGOLD & ROSE	Vegetative to flowering	<ul style="list-style-type: none"> ❖ To manage Red Spider Mites in flower like Marigold and rose spray wettable sulphur 80 % WP (Sulfex/Balwan/Sulfadex) @ 2-gram/litre of water or Propargite 57 % EC (Omite/Mitekill/Super Dynamite) @ 2-ml/litre of water or Fenpyroximate 5 % EC (Seagate/Mitigate/Formite) @ 2-ml/litre of water.
FISHERIES		<ul style="list-style-type: none"> ❖ During winters, various fungal, bacterial and parasitic diseases may appear in the fish. Treat the pond with CIFAX @ 400 ml/acre just before the onset of winters. Also treat the pond with potassium permanganate @ 1-2 kg/acre or limestone @ 50-100 kg/acre. Salt application @ 100 kg/acre also helps in protecting fish against disease outbreak during winters.

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).

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>