



**GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
ODISHA UNIVERSITY OF AGRICULTURE & TECHNOLOGY
Mahisapat, Dhenkanal- 759013**



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DISTRICT: DHENKANAL (Mid-central Table Land Zone)

Weather condition during last week (04.10.2025 to 10.10.2025)

Rainfall (mm)	15.2
Maximum Temperature (°C)	31.0-34.3
Minimum Temperature (°C)	23.9-26.3

Forecast (Up to 15.10.2025) given by Met. Centre, IMD, Bhubaneswar

Date	Rainfall (mm)	T-MAX (°C)	T-MIN (°C)	Cloud Cover	RH Max (%)	RH Min(%)	Wind Speed (kmph)	Wind Direction (deg)
11-10-2025	5	30	24	4	92	61	4	326
12-10-2025	5	30	25	4	91	57	3	334
13-10-2025	4	31	25	3	89	56	3	344
14-10-2025	3	31	25	4	90	55	3	344
15-10-2025	3	32	24	3	90	51	3	337

Weather Summary:

According to the IMD forecast, Dhenkanal district is likely to receive light rainfall for the next 5 days. The sky is expected to be partly cloudy. Wind speeds are anticipated to 03-04 km/h. Maximum and minimum temperatures will be between 30-32°C and 24-25°C respectively. Maximum relative humidity is predicted to be between 89% to 92% and minimum relative humidity ranging from 51% to 61% during this period.

YELLOW WARNING (BE AWARE) :-

Thunderstorm with lightning with gusty surface wind speed reaching 30-40 kmph very likely to occur at one or two places over the district of Dhenkanal on 11th October.

Agromet Advisory

General Advisory:

- ❖ Farmers are advised to continue sowing, intercultural operation and application of fertilizer, plant protection chemicals.
- ❖ Grow short duration pre-rabi crops like Amaranthus, Ragi, Horse gram, Green gram, Black gram, Cowpea, Sweet potato and Sesame in upland/medium lands utilizing the available soil moisture in the field.
- ❖ Maintain about 5-10cm standing water during panicle initiation stage in Paddy.
- ❖ Present high temperature and humidity condition, favours infestation of sucking pest like Aphids and Jassids, Thrips and Mealy bug in different crops. Go for spraying of neem-based pesticide (Neem Oil 1500 PPM) @600-ml/acre by mixing it in 200-litre of water.

Crop	Stage	Crop and Livestock specific Advisory
PADDY	Panicle Initiation stage	<ul style="list-style-type: none"> • Present high temperature and high relative humidity may cause Brown spot disease in Paddy. To manage this organically, foliar spray with <i>Trichoderma viridae</i> 200 ml/acre by mixing in 200-litre of water. To manage this disease chemically, spray Mancozeb 75% WP @ 600-g/acre or Carbendazim WP @ 400-g/acre by mixing in 200-litre of water. • Prevailing weather may lead to Gundhi Bug infest paddy crop during flowering to grain filling stage. To manage Gundhi bug at primary stage, use snail bait @ 10/acre at the height of paddy plant with the help of stick.

		You can also go for spraying of neem-based pesticide (Neem Oil 3000 PPM) @ 600-ml/acre by mixing it in 200-litre of water. For chemical control spray Imidacloprid 17.8% SL @ 50 ml/ acre or Thiamethoxam 25% WG @ 50 g/acre by mixing in 200-litre of water. Dusting of Chlorpyrifos 1.5 % D @ 10-kg/acre should be done around the bond uniformly during morning hours, when there is no or minimum wind.
MAIZE	Harvesting stage	<ul style="list-style-type: none"> The Maize 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 attain 12-15 % Moisture level. 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. Proper care should be taken to avoid damage due to insects and rodents.
SESAME	Capsule formation	<ul style="list-style-type: none"> To control Hawk moth or Dead head moth in Seasmе, first manually collect and destroy the caterpillars. Then spray Profenophos 50% EC @ 400ml/acre with 200 litre of water.
SUGARCANE	Grand growth stage	<ul style="list-style-type: none"> Grassy shoot disease is caused by Phytoplasma. The primary spread of the phytoplasma is through diseased setts and cutting knives. The pathogen is transmitted secondarily by aphids. To manage this disease, uproot and dispose the infected plants by burning. To manage the vector of the disease spray Thiamethoxam 25% W.G @ 40 gram/acre or Acetamiprid 20% S.P. @ 50 gram/acre or Imidacloprid 17.8% SL @ 60-ml/acre by mixing in 200 litres of water.
CHILLI	Pre sowing	<ul style="list-style-type: none"> Now the weather is optimum for Nursery preparation of Chilli. Some improved varieties of chilli are Pusa Jwala, Pusa Sadabahar, Suryamukhi, Sinduri, Utkal Abha, Utkal Rashmi, Arka Lohit, Pant C-1, Pant C-2 and Utkal Ragini. Some of the hybrid varieties are Kanti, Sindura, Sujata, Surya, Jyoti, Tejaswini, Agnirekha and Roshini. 400 to 600 g seeds for high yielding variety and 80-100 g for Hybrid variety are required for sowing an acre.
BRINJAL, TOMATO & CHILLI	Planting	<ul style="list-style-type: none"> To manage Bacterial Wilt in Brinjal, tomato and Chilli first of all select bacterial wilt resistant variety for cultivation. Cultivate pulses, oilseeds, marigold etc. in the same field instead cultivating brinjal, tomato, chilli repeatedly. Before transplanting in the main land, add Plantomycin @ 1gm/liter or Streptocycin @100 mg/ liter of water and soak the seedling roots in it for 15 minutes. Drenching the soil with Streptocycine @ 1.5 g or Plantomycin @ 15 g with Copper Oxychloride @ 30 g/ 10 liters of water.
OKRA	Fruiting	<ul style="list-style-type: none"> To manage the vectors of Yellow vein mosaic disease in Okra, install 8-10 Nos of Yellow sticky traps starting from 10-12 DAS. Spray neem-based pesticide (Neem Oil 1500 PPM @600-ml/acre by mixing it in 200-litre of water starting from 15-DAS. In case of severe infestation spray Thiamethoxam 25 % WG @ 40-gram/acre or Acetamiprid 20 % SP @ 50-gram/acre by mixing it in 200-litre of water.
ANIMAL HUSBANDRY		<ul style="list-style-type: none"> Vaccinate the animals against FMD, Haemorrhagic Septicaemia, Black Quarter, Enterotoxaemia, etc.
FISHERY		<ul style="list-style-type: none"> Apply mahua oil cake @ 2.5t/ha with 1 m depth of water to kill the predators and weed fishes in perennial ponds. If "EUS" infection is observed in fish, apply "Cifax" @ 400 ml mixed with 400 litres of water in one-acre pond.

Approved by ADR cum Nodal Officer

GKMS-AMFU, RRTTS

Mahisapat, Dhenkanal

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