



**GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
ODISHA UNIVERSITY OF AGRICULTURE & TECHNOLOGY
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Week No.-24

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(TUESDAY)

DISTRICT: DHENKANAL (Mid-central Table Land Zone)

Weather condition during last week (11.06.2025 to 17.06.2025)

Rainfall (mm)	36.0
Maximum Temperature (°C)	33.0-36.6
Minimum Temperature (°C)	25.3-27.0

Forecast (Up to 22.06.2025) 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)
18-06-2025	30	33	25	7	92	75	8	257
19-06-2025	25	32	26	8	91	77	8	262
20-06-2025	20	32	26	7	82	63	10	259
21-06-2025	9	34	27	6	83	60	6	267
22-06-2025	7	34	27	6	77	56	8	288

Weather Summary:

According to the IMD forecast, Dhenkanal district is likely to receive light to moderate rainfall for the next 5 days. The sky is expected to be generally cloudy to overcast for the next five days. Wind speeds are anticipated to 08-10 km/h. Maximum and minimum temperatures will be between 32-34°C and 25-27°C respectively. Maximum relative humidity is predicted to be between 77% to 92% and minimum relative humidity ranging from 56% to 77% during this period.

YELLOW WARNING:

Thunderstorm with lightning with gusty surface wind speed reaching 30-40 kmph & Heavy rainfall very likely to occur at one or two places over the district of Dhenkanal on 18th and 19th June.

EXTENDED RANGE FORECAST FOR THE NEXT 2 WEEKS:

Week 1 (13th June 2025 to 19th June 2025)

Light to moderate rainfall/thundershower is very likely over Odisha. Maximum temperature (day temperature) is very likely to be 30-34°C over most parts of Odisha, and 34-36°C over westernmost parts of Odisha.

Week 2 (20th June 2025 to 26th June 2025)

Light to moderate rainfall/thundershower is very likely over Odisha. Maximum temperature (day temperature) is very likely to be 30-32°C over most parts of Odisha.

Agromet Advisory

General Advisory:

- ❖ As south west monsoon advanced over Odisha, farmers are advised to complete field preparation with available soil moisture.
- ❖ Prevailing high humidity and cloudy condition favorable for many diseases and pests in standing crops. Regular monitoring with appropriate plant protection measure should be taken up.
- ❖ Keeping in view of light to moderate rainfall forecast withheld sowing of kharif crops, application of pesticide and fertilizer to standing crops for the time being.
- ❖ Farmers are advised to arrange good quality seed for sowing of kharif crops like Paddy, Maize, Millets, Arhar, Sesame etc.

- ❖ Prepare the field and arrange good quality seeds for the cultivation of rainy season vegetable crops like Okra, Brinjal and Chilli etc.

Crop	Stage	Agro-met Advisory
KHARIF PADDY	Pre sowing	<ul style="list-style-type: none"> Seed treatment is necessary before sowing of Paddy. It will control Seed borne and soil borne diseases to some extent. Seed treatment can be done with Carbendazim 50 % WP @ 2- gram/ kg of seeds or Carboxin 37.5 % + Thiram 37.5% D.S WP @ 3 gm/kg of seeds.
PIGEON PEA	Pre-Sowing	<ul style="list-style-type: none"> For Arhar seeds the row to row and plant to plant spacing should be 60 cm and 20 cm respectively. Sow the seeds in 3-5 cm depth. Apply 52 kg DAP, 6 kg Urea and 14 kg MOP as basal fertilizer per acre.
GROUNDNUT:	Pre-Sowing	<ul style="list-style-type: none"> Use suitable variety of Groundnut like Devi (ICGV-91114), Kadri-6, Kadri-9, TG-37A, TAG-51, TAG-38, TAG-24, Smruti, CO-7, Dharani etc. Treat the seeds with recommended species of Rhizobium bacterial culture @ 20 gm/kg of seeds before 1 hour of sowing.
SWEET CORN	Sowing	<ul style="list-style-type: none"> After receding of rainfall farmers are advised to go for sowing of sweet corn. Madhuri, Priya sweet corn are some improved varieties of sweet corn. Some hybrid varieties are Hy - brix 53 (ADVSW -2), Hi - brix 39 (ADVSW -1) , Honey sweeter , Kobala , Nirmal -43. For sweet corn crop line sowing is recommended for which 3-4 kg seeds per acre is required.
SESAME	Pre-sowing	<ul style="list-style-type: none"> Mid-June to mid-July is best time for sowing purpose of sesame in Kharif season. Some improved varieties of kharif sesame are Smarak, Subhra Prachi, Nirmala, Kalinga sesame 3-1 etc. 3-4 kg seeds are required for sowing purpose for 1 acre area. Seed treatment should be done with Carbendazim @ 2 gm/kg of seed. Sow the seeds by mixing with same quantity of dust soil or sand at a row distance of 30 cm at a depth of 1 cm.
SUNFLOWER	Pre-sowing	<ul style="list-style-type: none"> The seed rate should be 4kg /ac and for hybrid seed 2kg/ac required. 7 days before sowing seed should be treated with carbendazim @ 2 gm per kg of seed against attack of seed borne pathogens.1-2 hours before sowing. Seeds should be treated with Trichoderma viridae @ 4- 5g per kg of seed. For quick germination and better stand establishment, soak the seed in fresh water for about 5 -6 hours and dry the seeds in shade.
LIVESTOCK		<ul style="list-style-type: none"> Keep the animals inside the shade during rainy hours and thunderstorm activity. Provide dry grass and clean water to farm animals. Vaccinate the animals against FMD, HS and BQ.

**Approved by ADR cum Nodal Officer
GKMS-AMFU, RRTTS
Mahisapat, Dhenkanal**

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