



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



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Week No.-23

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DISTRICT: DHENKANAL (Mid-central Table Land Zone)

Weather condition during last week (04.06.2025 to 10.06.2025)

Rainfall (mm)	12.5
Maximum Temperature (°C)	34.8-38.5
Minimum Temperature (°C)	23.9-28.0

Forecast (Up to 15.06.2025) 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)
11-06-2025	10	37	24	5	78	46	5	82
12-06-2025	6	35	24	5	80	48	6	117
13-06-2025	5	34	25	5	81	47	7	126
14-06-2025	5	34	25	5	82	46	7	151
15-06-2025	3	36	24	4	82	47	6	164

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 to generally cloudy for the next five days. Wind speeds are anticipated to 05-07 km/h. Maximum and minimum temperatures will be between 34-37°C and 24-25°C respectively. Maximum relative humidity is predicted to be between 78% to 82% and minimum relative humidity ranging from 46% to 48% during this period.

EXTENDED RANGE FORECAST FOR THE NEXT 2 WEEKS:

Week 1 (06th June 2025 to 12th June 2025)

Light to moderate rainfall/thundershower is very likely over some parts of Odisha. Maximum temperature (day temperature) is very likely to be 34-38°C over coastal and adjacent districts and 38-40°C over western parts of interior Odisha.

Week 2 (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 32-34°C over north coastal Odisha and adjoining districts, 34-36°C over interior districts and 36-38°C over westernmost.

Agromet Advisory

General Advisory:

- ❖ Farmers are advised to carry out land preparation 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.
- ❖ Keeping in view of light rainfall forecast withheld application of pesticide and fertilizer to standing crops for the time being.

Crop	Stage	Agro-met Advisory
KHARIF PADDY	Pre sowing	<ul style="list-style-type: none"> • Farmers are advised to use certified seeds for Paddy cultivation from reliable sources. • Germination test is advisable before sowing.

		<ul style="list-style-type: none"> • Varietal selection- • Upland rice varieties (Matures in 100-120 days) like Khandagiri, Sahabhagi Dhan, Mandakini, Naveen, Bina-11, Satyabhama, Swarna Shreya etc. • Medium land rice varieties (Matures in 120-140 days) like Lalat, Improved Lalat, Manaswini, MTU-1001, Sampada, Gitanjali, etc. • Low land rice varieties (Matures >140 days) like Pratikshya, Swarna, Swarna Sub-1, MTU-1075, Mrinalini, Hashanta, Rani Dhan, Pooja, Sarala, Durga, Pradhan Dhan, etc.
MAIZE	Sowing	<ul style="list-style-type: none"> • Now it is best time for sowing of Maize. For one acre of maize cultivation 6-7 kg of seeds is required. • To avoid the infestation of Fall Army Worm, treat 1-kg seeds with 4-ml Cyantraniliprole 19.8%+ Thiamethoxam 19.8% FS. • Keep row to row spacing at 60 cm and plant to plant at 20 cm. • To maintain optimum plant population, use seed drill for sowing or sow the seeds behind the plough.
PIGEON PEA	Pre-Sowing	<ul style="list-style-type: none"> • Before sowing of Pigeon pea, seed treatment must be done with Carbendazim 50 % WP @ 2- gram/ kg of seeds or Carboxin 37.5 % + Thiram 37.5% D.S WP or 5-9 ml/kg seeds Imidacloprid 48% FS or 7-10ml/kg seeds Thiomethoxam 30% FS. • Treat the seeds with recommended species of Rhizobium bacterial culture @ 20 gram/kg of seeds before 1 hour of sowing. • The gap between chemical seed treatment and Rhizobium treatment should be at least 7 days.
SUNFLOWER	Pre-sowing	<ul style="list-style-type: none"> • In Kharif season June 15- July 15 is best time for Sunflower sowing purpose. • In sunflower some varieties with high yield are Morden (75 -80 Days), E.C. 68414 (100-110 Days), E.C. 68415 (100 -110 Days). Similarly some hybrid varieties are BSH-1, KBSH-1, JWALAMUKHI, PSC-36, PSC-1091, MLSFH-17, KBSH-44, and DRSH-1 (95-105 days) all are in 100 days duration.
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, Uma, Usha, Prachi, Nirmala, Vinayak, Kanaka, Kalika etc. • 3-4 kg seeds are required for sowing purpose for 1 acre area.

Approved by ADR cum Nodal Officer
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