



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



Deepanjali Dugal,
Jr. Agrometeorologist

Week No.-27

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(FRIDAY)

DISTRICT: DHENKANAL (Mid-central Table Land Zone)

Weather condition during last week (28.06.2025 to 04.07.2025)

Rainfall (mm)	118.0
Maximum Temperature (°C)	28.2-33.7
Minimum Temperature (°C)	23.5-26.6

Forecast (Up to 09.07.2025) 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)
05-07-2025	12	31	25	8	88	65	6	260
06-07-2025	20	32	25	8	90	68	10	251
07-07-2025	27	33	26	8	89	71	10	245
08-07-2025	9	33	26	8	88	72	7	219
09-07-2025	7	33	26	7	88	70	7	234

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 06-10 km/h. Maximum and minimum temperatures will be between 31-33°C and 25-26°C respectively. Maximum relative humidity is predicted to be between 88% to 90% and minimum relative humidity ranging from 65% to 72% during this period.

YELLOW WARNING:

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 5th and 6th July.

EXTENDED RANGE FORECAST FOR THE NEXT WEEK:

Week 1 (04th July 2025 to 10th July 2025) - Light to moderate rainfall/Thundershower with isolated heavy rainfall is very likely over the state of Odisha.

Week 2 (11th July 2025 to 17th July 2025) - Light to moderate rainfall/Thundershower is very likely over the state of Odisha.

Agromet Advisory

General Advisory:

- ❖ Drain out excess water from Paddy nursery, Kharif maize, pulses and standing vegetable crops to prevent water logging condition due to past heavy rainfall.
- ❖ Make arrangement for covering plastic cover or polythene sheet for vegetables nursery like Tomato, Okra and Brinjal.
- ❖ 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 Groundnut, Sesame and Finger millet application of pesticide and fertilizer to standing crops for the time being.

Crop	Stage	Agro-met Advisory
PADDY	Nursery	<ul style="list-style-type: none"> • Farmers are advised to drain out excess water from paddy nursery. • Conserve rain water in the main field of Paddy for puddling and transplanting of seedling.

		<ul style="list-style-type: none"> • Main field land preparation should be done by puddling the field twice at 7-10 days intervals and land leveling for uniform crop stand. • Incorporate the dhanicha green manuring crop at the time of initial puddling of main field.
FINGER MILLET	Nursery	<ul style="list-style-type: none"> • After cessation of rainfall go for nursery sowing of Finger millet. Grow high yielding varieties like Divyasingh, AKP-2, AKP-3, AKP-7, Godavari, Neelachal, Bhairavi, Shubhra, and Chilika. • Use 2 to 2.5 kg seeds /acre for transplanting. Before sowing treat the seeds with 3 g Thiram or 1g Trycyclozole per kg Seeds. • Apply 10 g each of Nitrogen and Phosphorous per sq. metre of nursery bed and mix it thoroughly. Sow the seeds uniformly over the beds and cover the seeds thinly with powdered soil.
MAIZE	Vegetative	<ul style="list-style-type: none"> • Maize cannot tolerate standing water. Proper drainage should be done to avoid water logging.
SESAME	Sowing	<ul style="list-style-type: none"> • Wait for some days for sowing of Sesame. • Grow improved HYV like Asrit, Smarak, Subhra, Kaling sesame 3-1 etc. Use 1 to 1.2 kg seeds /acre. • Before sowing treat the seeds with 3 g Ceresan/kg seeds. • Apply 6:8:8 kg NPK/acre during final land preparation. Sow the seeds in lines at 30 cm apart with 10 cm between plants.
GROUNDNUT	Sowing	<ul style="list-style-type: none"> • Delay sowing of groundnut for a week. • 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.
BRINJAL, CHILLI	Vegetative to fruiting	<ul style="list-style-type: none"> • After receding of rainfall, to manage wilt and rot disease in vegetable crops, drench the root zone with a solution of 10g Plantomycin and 20g Metalaxyl 8% + Mancozeb 64 % WP mixed in 10 litres of water.
LIVESTOCK		<ul style="list-style-type: none"> • Arrange dry fodder to balance the shortage of green fodder during heavy rainfall period. • Feeds and feed ingredients are to be stored in dry place with proper platform and free from rain and moisture. • Keep the animals indoors.
FISHERY		<ul style="list-style-type: none"> • Heavy rainfall may decrease the salinity of water in the pond. Farmers are advised to apply alky-dimethyl-benzyl ammonium chloride (3ppm) as a disinfectant after cessation of rain. • Bamboo or nylon mesh screens should be erected at the inlets and outlets to prevent loss and entry of unwanted fish. • Nylon nets may be erected on bunds to prevent loss of fish with overflowing water.

Approved by ADR cum Nodal Officer

GKMS-AMFU, RRTTS

Mahisapat, Dhenkanal

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