



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



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Week No.-27

Bulletin No.54
Dt. 08.07.2025
(TUESDAY)

DISTRICT: DHENKANAL (Mid-central Table Land Zone)

Weather condition during last week (02.07.2025 to 08.07.2025)

Rainfall (mm)	43.0
Maximum Temperature (°C)	28.2-31.6
Minimum Temperature (°C)	25.4-26.0

Forecast (Up to 13.07.2025) 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)
09-07-2025	10	32	24	6	92	74	7	229
10-07-2025	7	33	25	5	87	70	8	205
11-07-2025	5	33	25	5	89	71	4	233
12-07-2025	4	33	25	5	89	64	3	284
13-07-2025	5	33	25	5	84	54	5	295

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 generally cloudy for the next five days. Wind speeds are anticipated to 03-07 km/h. Maximum and minimum temperatures will be between 32-33°C and 24-25°C respectively. Maximum relative humidity is predicted to be between 84% to 92% and minimum relative humidity ranging from 54% to 74% during this period.

YELLOW WARNING:- (BE AWARE)

Heavy rain and 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 9th AND 10th 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:

- ❖ Go for transplanting of Paddy without any delay as fair amount rainfall is received due to active monsoon and it is likely to receive a good amount of rainfall in next five days.
- ❖ Drain out excess water from Paddy nursery, Kharif maize, pulses and standing vegetable crops to prevent water logging condition due to past 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 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. • Main field land preparation should be done by puddling the field twice at 7-10 days intervals and land leveling for uniform crop stand.
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.
INGER 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.
PAPAYA	Planting	<ul style="list-style-type: none"> • Now the weather is optimum for planting of Papaya. • HYV for papaya are Honeydew, Coorg honey dew, CO-1, CO-2, Pusa delicious, Pusa majesty and Pusa giant. • Plant the seedling at 2.5 x 2.5 meter distance and 0.5 x 0.5 x 0.5 meter pit. Disease resistance and Tissue culture seedling should be use.
MANGO	Planting	<ul style="list-style-type: none"> • July and August is the optimum for mango planting. • Grow Baiganpalli, Totapuri, Bombay green, Suvarnarekha, Neelam, Himsagar,, Langra, Dusheri, Amrapalli, Mallika, Ratna, Ramkella, Rummani, Sindhu, Alphanso and Keshar, etc. Use healthy unbranched grafted seedlings. • Plant the seedlings in 1x1x1 m pit at 10x10 m distance. Before planting apply 80:100:60 g of NPK and two baskets of compost/pit.
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.
SWEET POTATO	Planting	<ul style="list-style-type: none"> • Now it is best time for planting of Sweet potato. For Odisha condition, some improved varieties are Gouri, Bhuban Sankha, Pusa safed, Samrat. • Plant 100-150 gram healthy seed at 60cm x 25cm distance.
LIVESTOCK		<ul style="list-style-type: none"> • Keep the cattle shed clean during rainy season to prevent ectoparasites like ticks and lice. • Provide adequate drainage to prevent waterlogging and spread of diseases. • Regular monitor for signs of common rainy season diseases like foot rot, diarrhea and respiratory problems.
POULTRY		<ul style="list-style-type: none"> • During rainy season provide proper drainage around the poultry house to prevent waterlogging and mosquito breeding. • Regular monitor poultry birds for signs of illness and common rainy season diseases like coccidiosis.
FISHERY		<ul style="list-style-type: none"> • Heavy rainfall can affect the water quality of fish pond. Farmers are advised to monitor water parameters and take necessary precaution like ensuring proper drainage and aeration.

Approved by ADR cum Nodal Officer
GKMS-AMFU, RRTTS
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