



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



Deepanjali Dugal,
Jr. Agrometeorologist

Week No.-28

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(FRIDAY)

DISTRICT: DHENKANAL (Mid-central Table Land Zone)

Weather condition during last week (05.07.2025 to 11.07.2025)

Rainfall (mm)	22.5
Maximum Temperature (°C)	28.4-30.0
Minimum Temperature (°C)	25.2-26.0

Forecast (Up to 16.07.2025) 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)
12-07-2025	3	32	24	4	90	62	5	282
13-07-2025	3	32	25	4	88	62	3	284
14-07-2025	8	32	25	5	90	63	2	307
15-07-2025	8	33	25	5	88	63	1	315
16-07-2025	5	33	26	4	86	58	3	284

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. Wind speeds are anticipated to 01-05 km/h. Maximum and minimum temperatures will be between 32-33°C and 24-26°C respectively. Maximum relative humidity is predicted to be between 86% to 90% and minimum relative humidity ranging from 58% to 63% 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 14th and 15th July.

EXTENDED RANGE FORECAST FOR THE NEXT 2 WEEKS:

Week 1 (11th July 2025 to 17th July 2025) - Light to moderate rainfall is very likely to occur over the state of Odisha.

Week 2 (18th July 2025 to 24th July 2025) - Light to moderate rainfall is very likely to occur over the state of Odisha.

Agromet Advisory

General Advisory:

- ❖ Now the weather is ideal for sowing of Maize, Finger millet, Sesame and Groundnut.
- ❖ Go for transplanting of Paddy without any delay as fair amount rainfall is received due to active monsoon.
- ❖ Prevailing cloudy weather and high relative humidity condition is favorable for pest attack in standing crops. So regular monitoring and appropriate plant protection measure should be taken up.

Crop	Stage	Crop and Livestock specific Advisory
PADDY	Nursery	<ul style="list-style-type: none"> • Apply Chlorantraniliprole 0.4 % G @ 400g or Cartap Hydrochloride 4% GR @ 800g or Fipronil 0.3% GR @ 1kg in the 10 decimal nursery area 7-days before transplanting to manage gall midge, stem borer, caseworm, leaf folder and root knot nematode up to 3 weeks after transplanting. • 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.
SESAME	Sowing	<ul style="list-style-type: none"> • Now the weather is optimum 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"> • To prevent White grub pest apply Chlorpyrifos dust @ 12-10 kg/acre at last ploughing or apply this dust above seeds after sowing and then cover it by soil. • Instead of this farmers can also go for seed treatment with Chlorpyrifos @ 12 ml/kg of seed or Imidacloprid @ 2 ml/kg of seed. • Collect and kill the adults by inserting light trap @ 4-5/acre during evening 7 to 10. Adults can be collected from nearest host plant like ber,neem,jamun. • FYM pit should not be dug near the field.
FINGER MILLET	Nursery	<ul style="list-style-type: none"> • 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.
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

- 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

Mahisapat, Dhenkanal

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