



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



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Week No.-30

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(FRIDAY)

DISTRICT: DHENKANAL (Mid-central Table Land Zone)

Weather condition during last week (19.07.2025 to 25.07.2025)

Rainfall (mm)	43.5
Maximum Temperature (°C)	31.2-35.6
Minimum Temperature (°C)	25.2-27.7

Forecast (Up to 30.07.2025) 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)
26-07-2025	65	33	25	7	94	81	7	249
27-07-2025	15	32	24	6	91	76	8	204
28-07-2025	6	32	24	5	86	65	7	236
29-07-2025	6	32	25	5	89	71	9	265
30-07-2025	7	33	25	5	91	70	10	274

Weather Summary:

According to the IMD forecast, Dhenkanal district is likely to receive heavy rain on Tomorrow and then light rainfall for the next 4days. The sky is expected to be generally cloudy. Wind speeds are anticipated to 07-10 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 86% to 94% and minimum relative humidity ranging from 65% to 81% during this period.

ORANGE WARNING (BE PREPARED TO TAKE ACTION):-

Heavy rain with thunderstorm with lightning with gusty surface wind speed reaching 40-50 kmph very likely to occur at one or two places over the district of Dhenkanal on 26th July.

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 27th -30th July.

EXTENDED RANGE FORECAST FOR THE NEXT 2WEEKS:

Week 1 (25th July 2025 to 31th July 2025) - Widespread to fairly widespread rain/thundershower is very likely over districts of Odisha with Light to moderate rainfall with isolated heavy to very heavy rainfall is very likely over the state of Odisha.

Week 2 (01th Aug 2025 to 07st Aug 2025) - Widespread to fairly widespread rain/thundershower is very likely over districts of Odisha with Light to moderate rainfall with isolated heavy to very heavy rainfall is very likely over the state of Odisha.

Agromet Advisory

General Advisory:

- ❖ Keeping in view of heavy rainfall forecast, farmers are advised to withhold sowing of finger millet, Sesame, groundnut, top dressing of fertilizer and pesticide application in standing crops.
- ❖ Make provisions for drainage, where maize, pulses and oil seed crops have been sown.
- ❖ Cover the vegetable nursery with polythene to protect it from heavy rain and make drainage arrangement.
- ❖ Go for transplanting of Paddy, finger millet without any delay.
- ❖ Keep the farm animals indoor during heavy rain and thunderstorm activity.

Crop	Stage	Crop and Livestock specific Advisory
PADDY	Transplanting	<ul style="list-style-type: none"> • Go for transplanting of 21-25days old seedlings at a spacing of 20x15 cm, plant 2-3 seedlings per hill for high yielding varieties. • To control weed infestation in Paddy field use pre-emergence herbicide Pretilachlor 37 % EW @ 600ml/acre or Oxadiargyl 80%W. P @ 50g/acre or Pyrazosulfuron Ethyl 10% W.P @ 80g/acre at 1-3 DAT. • Spray the herbicide by mixing it in 200 litres of water per acre or mix the herbicide with 20 kg of sand and broadcast it uniformly.
SUGARCANE	Vegetative stage	<ul style="list-style-type: none"> • In medium and long duration sugarcane varieties, wrapping and propping should be done in 4-5 months old crop to keep the cane erect. • To manage Internode Borer pest biologically, use Trichogramma chilonis card @ 1/acre at weekly interval for 6 times by splitting each card into 12 pieces at the given perforations.
FINGER MILLET	Nursery	<ul style="list-style-type: none"> • To control weed in finger millet crop, in both broadcasted and transplanted crop apply Pretilachlor 50% EC @ 500 ml per acre or Pendimethaline 30% EC @ 1000 ml per acre in 200 litres of water or 10 kg of sand as pre emergence herbicide.
GROUNDNUT	Sowing to Vegetative	<ul style="list-style-type: none"> • If pre-emergence herbicide is not applied during sowing than to manage weeds in Groundnut crop post emergence application of herbicide like Imazethapyr 10 % SL @ 300-ml/acre or Quizalofop-Ethyl 5 % EC @ 400-ml/acre should be applied at 15-DAS by mixing it in 200 litre of water.
BANANA	Planting to Vegetative	<ul style="list-style-type: none"> • Provide staking and make provision for drainage. • To manage panama wilt, select disease free planting material and resistant cultivar like Bantal, Robusta, Champa, Kabuli etc. • Banana suckers should be dipped with solution of Carbendazim @ 10-gram/10- litre of water before planting followed by bimonthly drenching of soil around the pseudostem starting from 5 months after planting.
FRENCH BEAN	Sowing stage	<ul style="list-style-type: none"> • Some Bush varieties of French bean for Odisha condition are Phalguni, Arka Komal, Contender, Pusa Parvati. Some pole varieties are Kentucky Wonder, Pusa Himlata etc. • For cultivation of French bean 20-30 kg seed for bush varieties and 10-12 kg seed for tall varieties is required per acre.
BRINJAL	Nursery stage	<ul style="list-style-type: none"> • After cessation of rain, to control damping off disease of Brinjal seedlings in the nursery, there should be proper drainage system. • Seed treatment should be done with Trichodermaasperellum @ 4 gm per kg of seeds or Pseudomonas fluorescens @ 10 gm / kg of seed 24 hours before sowing of seeds. • Drench the bed soil with solution of 20 gm Metalaxyl and Mancozeb in 10-litre water.
LIVESTOCK		<ul style="list-style-type: none"> • Keep the farm animals indoor during heavy rain and thunderstorm activity. • Good quality and quantity green, dry fodder and concentrate feed are fed to the animal during Rainy period. • Feeds and feed ingredients are to be stored in dry place with proper platform and free from rain and moisture.
POULTRY		<ul style="list-style-type: none"> • 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 may decrease the salinity of water in the pond. Farmers are advised

	<p>to apply alky-dimethyl-benzyl ammonium chloride (3ppm) as a disinfectant after cessation of rain.</p> <ul style="list-style-type: none">• 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.
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Approved by ADR cum Nodal Officer

GKMS-AMFU, RRTTS

Mahisapat, Dhenkanal

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