



**GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
ODISHA UNIVERSITY OF AGRICULTURE & TECHNOLOGY
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Week No.-30

Bulletin No.60
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(TUESDAY)

DISTRICT: DHENKANAL (Mid-central Table Land Zone)

Weather condition during last week (23.07.2025 to 29.07.2025)

Rainfall (mm)	38.9
Maximum Temperature (°C)	28.4-35.4
Minimum Temperature (°C)	25.7-27.0

Forecast (Up to 04.08.2025) 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)
30-07-2025	8	31	25	5	92	73	8	263
01-08-2025	6	32	25	5	91	68	6	253
02-08-2025	5	33	25	5	89	59	7	276
03-08-2025	4	33	26	5	83	60	10	279
04-08-2025	4	33	26	5	80	53	10	281

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. 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 80% to 92% and minimum relative humidity ranging from 53% to 73% 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 30th -31st July.

EXTENDED RANGE FORECAST FOR THE NEXT 2 WEEKS:

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 light rainfall forecast, proper care should be taken up during fertilizer and pesticide application in different standing crops.
- ❖ Complete transplanting of rice by first fortnight of August. Keep 5 cm of water at the time of transplanting.
- ❖ Regular monitoring of the crop for incidence of pest and diseases should be done.

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

		<p>80%W. P @ 50g/acre or Pyrazosulfuron Ethyl 10% W.P @ 80g/acre at 1-3 DAT.</p> <ul style="list-style-type: none"> • 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.
MAIZE:	Vegetative stage	<ul style="list-style-type: none"> • Hand weeding and earthing up should be done at 20-25 DAS. Apply 55-kg of urea per acre at this stage as first top dressing. • Again at 40-45 DAS or before tasselling apply 55-kg of Urea and 20-kg of MOP as second top dressing.
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.
CUCURBITS	Flowering and Fruiting	<ul style="list-style-type: none"> • During rainy season, there are chances of infestation of Downy Mildew disease in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP @ 3-gram/litre or Fosetyl -AL 80 % WP @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.
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.

Approved by ADR cum Nodal Officer
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