



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



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Week No.-31

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DISTRICT: DHENKANAL (Mid-central Table Land Zone)

Weather condition during last week (30.07.2025 to 05.08.2025)

Rainfall (mm)	30.8
Maximum Temperature (°C)	29.0-34.8
Minimum Temperature (°C)	25.5-27.4

Forecast (Up to 10.08.2025) 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)
06-08-2025	3	35	26	4	89	57	3	186
07-08-2025	7	35	25	5	90	59	4	190
08-08-2025	8	34	25	5	90	66	3	214
09-08-2025	8	34	25	5	89	74	3	207
10-08-2025	6	35	26	4	90	67	3	187

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 03-04 km/h. Maximum and minimum temperatures will be between 34-35°C and 25-26°C respectively. Maximum relative humidity is predicted to be between 89% to 90% and minimum relative humidity ranging from 57% to 74% 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 06th-10th August.

EXTENDED RANGE FORECAST FOR THE NEXT 2 WEEKS:

Week 1 (01st August to 07th August 2025) Scattered to isolated rain/thundershower is very likely over the districts of Odisha.

Week 2 (08th August to 14th August 2025) Scattered to isolated rain/thundershower is very likely over the districts of Odisha. Also overall rainfall activity likely to be slightly below normal over the districts 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.
- ❖ Do not spray herbicides in rice field to control weeds when there is no sufficient soil moisture.

Crop	Stage	Crop and Livestock specific Advisory
PADDY	Tillering stage	<ul style="list-style-type: none"> • Farmers who have transplanted or broadcasted, to control weed spray post-emergence herbicide like Bispyribac Sodium @ 80ml/ acre or tank mix of Fenoxaprop-p-ethyl 9.3 %EC@ 250 ml + Ethoxysulfuron 15 % WDG @ 50g/acre at 15-20 DAS in moist soil (When the weeds are at 3-4 leaf stage) by mixing in 200litre of water.

		<ul style="list-style-type: none"> • Drain out water from paddy field before spraying of herbicide and irrigate the field after 2-3 days.
MAIZE	Vegetative stage	<ul style="list-style-type: none"> • Go for hand weeding and earthing up in Maize 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 stage	<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.
RED GRAM	Vegetative stage	<ul style="list-style-type: none"> • To manage leaf Webber in Red gram spray Chlorpyrifos 50 % + Cypermethrin 5 % EC @ 400-ml/acre or Profenophos 50 % EC @ 400-ml/acre.
GROUNDNUT	Vegetative stage	<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 stage	<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.
INDIAN BEAN	Sowing stage	<ul style="list-style-type: none"> • Some bush type varieties Indian Bean are CO-1, C0-2, CO-10, IIHR selection 1, IIHR selection-2, Arka Vijaya, Konkan Bhusan. Similarly some tall type varieties are Pusa Simba-1, Pusa Simba-3, Pusa Early Prolific. • Before 7 days of sowing treat it with 1.5 g (Carboxyn 37.5% + Thiram 37.5%). One hour before sowing mix 20 gram of rhizobium culture with 50 grams of jaggery in 40 ml of water per kg of seeds and dry in shade. • 28 kg seeds required for bush type and 10-12 kg seed seed required for tall type per acre of land.
OKRA	Nursery stage	<ul style="list-style-type: none"> • There are chances of sucking pest like Aphids, Jassids, Thrips and Whiteflies in Okra due to present weather condition. To manage these pests at early stage of infestation spray neem-based pesticide (Neem Oil(1500 PPM @600-ml/acre by mixing it in 200-litre of water. • To manage these sucking pests chemically spray Thiamethoxam 25 % WG) @ 40-gram/acre or Acetamiprid 20 % SP @ 50-gram/acre or Tolfenpyrad 15 % EC @ 400-ml/acre by mixing it in 200-litre of water.
CATTLES		<ul style="list-style-type: none"> • Mastitis is common in rainy season in milch cattle. • Wet, unclean or dirty sheds during rainy season causes severe mastitis which in turn induces fibrosis of udder and milk production is reduced or stopped or presence of flakes in the milk. • Vaccination is to be done against Mastitis.

Approved by ADR cum Nodal Officer
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