



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



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Week No.-33

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(THURSDAY)

DISTRICT: DHENKANAL (Mid-central Table Land Zone)

Weather condition during last week (08.08.2025 to 14.08.2025)

Rainfall (mm)	113.6
Maximum Temperature (°C)	29.8-35.9
Minimum Temperature (°C)	25.1-26.4

Forecast (Up to 19.08.2025) 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)
15-08-2025	15	30	23	6	91	69	8	360
16-08-2025	8	31	24	5	91	68	4	85
17-08-2025	7	32	24	5	91	64	7	71
18-08-2025	7	32	25	5	91	66	9	69
19-08-2025	6	33	25	4	94	67	10	68

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 04-10 km/h. Maximum and minimum temperatures will be between 30-33°C and 23-25°C respectively. Maximum relative humidity is predicted to be between 91% to 94% and minimum relative humidity ranging from 64% to 69% 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 15th August. 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 16th -19th August.

EXTENDED RANGE FORECAST FOR THE NEXT WEEK:

Week 2 (15th August 2025 to 21st August 2025)

Scattered to fairly widespread rain/thundershower is very likely over districts of Odisha with Light to moderate rainfall with isolated heavy rainfall is very likely over the state of Odisha.

There is low to moderate probability of cyclogenesis likely in land regions over East India.

Agromet Advisory

General Advisory:

- ❖ Keeping in view of light rainfall forecast, postpone sowing, application of fertilizer and pesticide in different standing crops for time being.
- ❖ Complete transplanting of rice by first fortnight of August. Keep 5 cm of water at the time of transplanting.
- ❖ There are chances of incidence of both fungal and bacterial diseases like leaf blight, wilt, and rot in different vegetable crops. To manage these diseases, spray (Metalaxyl+ Mancozeb) @ 2 g/L of water or (Carbendazim+ Mancozeb) @ 2 g/L of water along with Plantomycin @ 1 g/L of water.

Crop	Stage	Crop and Livestock specific Advisory
PADDY	Tillering stage	<ul style="list-style-type: none"> At early stage of crop to manage stem borer in paddy, apply Cartap Hydrochloride 4% G 8 kg/acre or Chlorantraniliprole 0.4 % GR @ 4kg/acre or Imidacloprid 0.3% GR @ 6kg/acre by mixing it with sand at 1:1 ratio. To control Bacterial leaf blight in paddy dip the roots of seedlings in Plantomycin solution by mixing 10 g in 10 litre of water for 20 minutes before transplanting.
MAIZE	Knee high stage	<ul style="list-style-type: none"> If there is infestation of Fall Army Worm, spray biopesticide Beauveria bassiana @ 1200 g/acre by mixing in 200 litres of water. Use 10-12 bird perches per acre and remove them before tasseling stage. Dust mixture of sand, soil and wooden ashes inside the leaf whorl so that the caterpillars cannot feed on the leaves. For chemical control, spray Emamectin Benzoate 5 % S.G @80 g / acre or Spinetoram 11.7% S.C @ 100 ml/ acre or Chlorantraniliprole 18.5% S.C @ 80 ml/ acre after mixing in 200 litres of water.
SUGARCANE	Vegetative stage	<ul style="list-style-type: none"> Now the weather is congenial for Red Rot disease in Sugarcane, To manage this, spray Carbendazim 12%+ Mancozeb 63% WP @ 400-gram/acre or Metalaxyl 8% + Mancozeb 64% @ 400-gram/acre by mixing it in 200-litre of water.
RED GRAM	Vegetative stage	<ul style="list-style-type: none"> To manage leaf Webber in Red gram spray Chlorpyriphos 50 % + Cypermethrin 5 % EC @ 400-ml/acre or Profenophos 50 % EC @ 400-ml/acre.
GROUNDNUT	Vegetative stage	<ul style="list-style-type: none"> Hoing should be done at 20-25 DAS in groundnut crop. To manage Tikka disease, spray Chlorothalonil 75% WP @ 400g/ acre or Mancozeb 75% WP @ 600 g/acre or Hexaconazole 5% E.C @ 300ml/acre.
SESAME	Vegetative	<ul style="list-style-type: none"> Go for thinning and hand weeding if the crop is 15 days old then apply 6 to 8 kg of nitrogen per acre. In early sown Sesame crop, for control of Leaf Weber apply Profenophos 50% EC @ 400ml/acre by mixing it in 200 litre of water.
CUCURBITS (Pumpkin, Cucumber, Bitter melon and Ridge gurd)	Flowering and Fruiting	<ul style="list-style-type: none"> To manage Fruit fly in cucurbits, prepare a poison bait by mixing 200-gram Jaggery, 4 ripen banana and 2ml Imidachloprid in 4-litre of water. Keep this mixture in Plastic cups or clay pots @ 8-nos/acre. The fruit flies will be attracted to this and eventually get killed by falling into the poison baits. In extreme case, for chemical control spray Spinosad @ 2.5ml/10 lit.
MARIGOLD	Planting	<ul style="list-style-type: none"> African marigold can be grown from the month of August till January. Suitable varieties are Giant ball, African yellow, Early yellow, Early orange, Giant ball African orange, Crown of gold etc. Before planting apply 20 tons of FYM, 40 kg Nitrogen, 80 kg phosphorus and 80 kg Potash. 25 to 30 days old seedlings should be planted on the main field.

Approved by ADR cum Nodal Officer
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