



**GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
ODISHA UNIVERSITY OF AGRICULTURE & TECHNOLOGY
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Week No.-49

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(FRIDAY)

DISTRICT: DHENKANAL (Mid-central Table Land Zone)

Weather condition during last week (29.11.2025 to 05.12.2025)

Rainfall (mm)	0.2
Maximum Temperature (°C)	26.0-28.8
Minimum Temperature (°C)	13.4-19.0

Forecast (Up to 10.12.2025) 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)
06-12-2025	0	28	12	3	71	30	6	24
07-12-2025	0	28	11	4	67	25	5	351
08-12-2025	0	28	11	3	63	26	4	343
09-12-2025	0	29	11	3	63	26	4	331
10-12-2025	0	29	11	4	62	26	4	343

Weather Summary:

According to the IMD forecast, Dhenkanal district is likely to dry for the next 5 days. The sky is expected to be partly cloudy. Wind speeds are anticipated to 04-06 km/h. Maximum and minimum temperatures will be between 28-29°C and 11-12°C respectively. Maximum relative humidity is predicted to be between 62% to 71% and minimum relative humidity ranging from 25% to 30% during this period.

WARNING :- No Warning

Agromet Advisory

General Advisory:

- ❖ Due to forecasted low night temperature coupled with fog during upcoming days, there will be chance of infestation of sucking pests, leaf blight, powdery mildew in the Rabi crops and vegetables, monitor the crops and vegetables, if symptoms are noticed, undertake plant protection measures.
- ❖ Provide light irrigation to standing vegetables and crops during morning hours to prevent damage from fog, low temperature and moisture stress.
- ❖ Carry out weeding, hoeing and other intercultural operations in Rabi vegetables.
- ❖ Use low cost polythene cover above the vegetables nursery to avoid poor germination due to low temperature.

Crop	Stage	Crop and Livestock specific Advisory
PADDY	Post harvesting stage	<ul style="list-style-type: none"> • Soon after noticing the infestation of the stored grain insect pest, take up fumigation by using Aluminium phosphide (do not use in dwelling houses) tablets @ of 3 tablets/ ton grain (total 9 g of tablets) in fairly air tight containers or by covering with thick tarpaulin leaving no gaps. • The tablets should be wrapped in cotton pouches before placing them in the stacks. All the corners of plastic cover should be plastered with 6- inch thick layer of mud/ adhesive tapes to prevent leakage of gas. Minimum exposure period is for about 7-10 days.
BLACK GRAM & GREEN	Vegetative stage	<ul style="list-style-type: none"> • Present weather conditions may increase infestation of aphids in Black gram and green gram crop. To manage aphids during primary stage of pest infestation spray Neem Based Pesticide 1500 PPM @ 600 ml/acre.

GRAM		<ul style="list-style-type: none"> • Then spray Thiamethoxam 25% W.G @ 40 gram/acre or Acetamiprid 20% S.P. @ 50 gram/acre by mixing in 200 litres of water.
GROUNDNUT	Vegetative stage	<ul style="list-style-type: none"> • There are chances Leaf Miner infestation in groundnut crop. To control this spray Profenophos 50% EC @ 400 ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 litre of water.
MUSTARD	Vegetative stage	<ul style="list-style-type: none"> • Downy mildew disease in mustard can be controlled by spraying (Metalaxyl 8% + Mancozeb 64% WP) @ 400gm Fosetyl -AL 80 % WP @ 600gm per acre in 200 litres of water.
SUGARCANE	Ripening stage	<ul style="list-style-type: none"> • Harvest the mature cane when the brix reading reaches 18 or above. Use hand refractometers for testing of the juice. Harvesting of canes should be done below one inch of ground level for a successful ratoon crop. • Transport the cane immediately after harvest to the factory for crushing. Maximum recovery takes place when the cane is crushed within 24 hours after harvesting.
POTATO	Vegetative stage	<ul style="list-style-type: none"> • For better tuber growth in potato, soil temperature below 30°C should be maintained. Therefore farmers are advised to irrigate the field.
CAULIFLOWER & CABBAGE	Vegetative stage	<ul style="list-style-type: none"> • To manage Bacterial black rot disease in cauliflower and cabbage, spray Copper Oxychloride 50% WP @ 600 gm + Plantomycin @ 200 gm in 200 liters of water per acre of land.
CUCURBITS	Fruiting Stage	<ul style="list-style-type: none"> • To manage Red Pumpkin Beetle in Cucurbit crops spray Cyantraniliprole 10.26% OD @ 400-ml/acre or Imidacloprid 17.8% SL @ 60-ml/ acre or Chlorpyrifos 20% EC @ 400-ml/acre.
FISHERY		<ul style="list-style-type: none"> • During winters, there is a possibility of “EUS” disease in fish. Farmers are advised to apply Cifax @ 400 ml mixed with 40 litre of water in one acre pond area as a preventive measure. • The fishes should be fed daily with oil cake bran mixture at the rate of 2-3 % of their total biomass.
POULTRY		<ul style="list-style-type: none"> • Cleaning and spreading of bleaching powder at every alternate day is highly essential for a poultry unit during winter season. • If any symptom like drowsiness, cough and distorted feet appears in the poultry birds then immediately contact the nearest veterinarian.
ANIMAL HUSBANDY		<ul style="list-style-type: none"> • During winter supply extra heat for newborn for preventing Pneumonia and Diarrhoea. • Maintaining proper cleaning and ventilation under the shade. Dry cleaning should be followed in winter season.

Approved by ADR cum Nodal Officer
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