



**GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
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Week No.-48

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DISTRICT: DHENKANAL (Mid-central Table Land Zone)

Weather condition during last week (26.11.2025 to 02.12.2025)

Rainfall (mm)	0.2
Maximum Temperature (°C)	26.0-28.8
Minimum Temperature (°C)	12.6-19.0

Forecast (Up to 07 .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)
03-12-2025	0	29	16	4	83	36	6	328
04-12-2025	0	29	15	3	76	29	5	337
05-12-2025	0	30	14	2	63	27	5	337
06-12-2025	0	30	14	3	56	25	4	351
07-12-2025	0	30	13	3	56	26	5	326

Weather Summary:

According to the IMD forecast, Dhenkanal district is likely to dry for the next 5days. The sky is expected to be mainly clear to partly cloudy. Wind speeds are anticipated to 04-06 km/h. Maximum and minimum temperatures will be between 29-30°C and 13-16°C respectively. Maximum relative humidity is predicted to be between 56% to 83% and minimum relative humidity ranging from 25% to 36% during this period.

WARNING :- No Warning

Agromet Advisory

General Advisory:

- ❖ Carry out weeding, hoeing and other intercultural operations in rabi vegetables.
- ❖ 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.
- ❖ 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	• If 'Rodent/Rats' problem is noticed, locate the rodent burrow in the crop field and surrounding areas. Place Aluminium Phosphide 6% tablet @ One tablet (12 gm) per burrow and seal the burrow with mud which will kill the rodents.
SUGARCANE	Ripening stage	• Harvest the mature sugarcanes below one inch of ground level for a successful ratoon crop.
BLACK GRAM & GREEN GRAM	Vegetative stage	• Due to present low temperature condition there is a chance of powdery mildew disease in Black gram and Green gram. To control this disease, spray Sulphur 80% WP @800 g/acre or Hexaconazole 5% E.C @ 300 ml/acre.

GROUNDNUT	Vegetative stage	<ul style="list-style-type: none"> To control Tobacco caterpillar in Groundnut crop, collect and destroy egg mass and caterpillar of the pest. Monitor the emergence of adult moths by setting up Pheromone traps having Spodo lure @ 6-8 nos/acre. Check the migration of caterpillars by dusting with Chlorpyriphos 1.5 % D @ 10 kg around the field. Spray Novaluron 5.25 %+ Indoxacarb 4.25 % @ 400 ml/acre or Lambda Cyhalothrin 4.9 CS @ 300 ml or Flubendiamide 20 % WG @ 120 g. For spraying of insecticides 200 litre of water per acre is required.
MUSTARD	Vegetative stage	<ul style="list-style-type: none"> In low temperature condition there are chances of Aphid infestation in early sown mustard crop. To manage aphids at early stage, put 8 number of yellow sticky traps per acre and to manage Aphids chemically spray Thiamethoxam 25 % WG @ 40-gram/acre or Acetamiprid 20 % SP @ 50-gram/acre in 200-liter of water.
POINTED GOURD	Fruiting Stage	<ul style="list-style-type: none"> To control downy mildew in Pointed gourd, Spray Metalaxyl 8% + Mancozeb 64% W.P @ 400 g/acre or Fosetyl -AL 80 % WP @ 600 g/acre.
CHILLI	Vegetative stage	<ul style="list-style-type: none"> Present weather conditions are congenial for Aphids and Thrips infestation in Chilli. During primary stage of pest infestation spray neem-based pesticide 1500 PPM @ 600 ml/acre by mixing in 200-litre of water. To manage these pests chemically spray Thiamethoxam 25 % WG @ 40 g/acre Acetamiprid 20% S.P. @ 50 g/acre or Profenophos 40 % + Fenpyroximate 2.5 % EC @ 400 ml/acre.
CABBAGE & CAULIFLOWER	Vegetative stage	<ul style="list-style-type: none"> For early and maximum yield spray Gibberellic Acid 0.001% L @ 75 ml/acre at 45 DAT and 65 DAT by mixing in 200 litre of water. Irrigation should be done at 7-8 Days interval depending upon soil moisture and weather condition.
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 Chlorpyriphos 20% EC @ 400-ml/acre.
LIVESTOCK		<ul style="list-style-type: none"> In winter during cold hours farmers should keep doors, windows and open spaces in cow sheds covered with polythene or gunny bag curtains to prevent direct contact to cold air.
FISHERY		<ul style="list-style-type: none"> Farmers are advised to keep the water depth up to 6 feet in winter season. Feed intake of fish decreases with decrease in temperature. Hence, it is essential to reduce the feeding rate by 50-75% depending on the temperature. Stop adding organic manures such as cow dung, poultry droppings in the pond.
POULTRY		<ul style="list-style-type: none"> During winter season for maintaining the heat in the poultry shed, install heaters in the shed. Use 200W bulbs to generate heat in small scale operations. Carry out necessary vaccinations as and when required.

Approved by ADR cum Nodal Officer
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