



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



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Week No.-52

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(TUESDAY)

DISTRICT: DHENKANAL (Mid-central Table Land Zone)

Weather condition during last week (24.12.2025 to 30.12.2025)

Rainfall (mm)	0.0
Maximum Temperature (°C)	25.2-27.0
Minimum Temperature (°C)	12.4-14.3

Forecast (Up to 04.01.2026) given by Met. Centre, IMD, Bhubaneswar

Date	Rainfall (mm)	T-MAX (°C)	T-MIN (°C)	Cloud Cover	RH Max (%)	RHMin(%)	Wind Speed (kmph)	Wind Direction (deg)
31-12-2025	0	28	11	3	88	27	4	318
01-01-2026	0	28	11	3	92	30	4	315
02-01-2026	0	29	12	4	93	32	2	27
03-01-2026	0	29	12	3	93	32	1	90
04-01-2026	0	29	13	2	90	32	2	349

Weather Summary:

According to the IMD forecast, Dhenkanal district is likely to dry for the next 5days. The sky will remain mainly clear to partly cloudy. Wind will blow at a speed of 01-04 km/h. Maximum and minimum temperatures will be gradually increase from 28°C to 29°C and 11°C to 13°C respectively. Maximum relative humidity is predicted to be between 88% to 93% and minimum relative humidity remains between 27% to 32% during this period.

WARNING:-No Warning

Agromet Advisory

General Advisory:

- ❖ Carry out hoeing and weeding in Sunflower, Mustard and Potato, if the crop is at 3weeks stage.
- ❖ Present foggy weather condition may aggravate Aphid, powdery mildew and early blight in winter vegetables. If symptoms noticed, undertake appropriate plant protection measures.
- ❖ Cover the recently planted Cole crops with paper pockets during night time to avoid low temperature.

Crop	Stage	Crop and Livestock specific Advisory
PADDY (SUMMER)	Nurserystage	<ul style="list-style-type: none"> • Prepare the wet nursery seed beds for paddy. Divide nursery area into smaller plots of convenient length. Irrigation channels of size 30 cm in width should be made along the beds for irrigation/drainage purpose. Sprouted Seeds should be sown @ 40-50 g / m² area of seed bed by line sowing with 5 cm gap between each line.
GROUNDNUT	Vegetative stage	<ul style="list-style-type: none"> • The early sown Rabi groundnut crop is at 3 week stage. • To manage leaf miner spray Neem Based Pesticide (Azadirachtin) 300 PPM @ 1-litre /acre during primary stage of infestation. To manage chemically spray Profenophos 50% EC @ 400 ml/acre or Chlorpyriphos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 -litre of water.
SESAME	Vegetative stage	<ul style="list-style-type: none"> • To manage leaf spot disease in Sesame crop spray Copper oxychloride 50% WP @ 400-gram/acre or Mancozeb @ 600 gm/acre or Hexaconazole @ 200 gram/acre. To spray the fungicide 200-litre of water per acre is required.

MUSTARD	Vegetative stage	<ul style="list-style-type: none"> Carry out hoeing and weeding in mustard crop. If the crop is at 15-21 days stage, thin out the plants and maintain optimum plant population. There may be chances of white rust disease in Mustard due to decrease in temperature, to control this disease, spray Metalaxyl 2g/liter of water.
BLACK GRAM & GREEN GRAM	Vegetative stage	<ul style="list-style-type: none"> Present foggy and cool weather may aggravate the infestation of aphid in Black gram and Green gram. To manage this pest spray Dimethoate @400ml or Metacystox @400ml with 200 litre water per acre.
GARLIC	Planting stage	<ul style="list-style-type: none"> Currently it is the perfect time for planting garlic. Some varieties of Garlic include Agrifound white, Jamuna Safed (G-1), G-282, Agrifound Parvati (G-323) etc. In Garlic, 200-300 Kg cloves per acre is required for Cultivation. Garlic cloves should be treated with Carbendazim @ 2 g per kg of seeds. A spacing of 15 cm between the rows and 8 cm within the rows is optimum for Garlic.
CABBAGE	Vegetative stage	<ul style="list-style-type: none"> Present weather is favorable for Cabbage webber and tobacco caterpillar in Cabbage. To control these insects, go for alternate spray of Neem based formulation 1500ppm @ 600ml/acre and Emamectin benzoate @ 70g/acre in 200 lit water.
POTATO	Vegetative stage	<ul style="list-style-type: none"> There are chances of Early leaf Blight disease incidence in potato crop. To control early leaf blight in potato, spray Mancozeb 75% WP @ 600 g/acre or Carbendazim 12% + Mancozeb 63% W.P @ 400 g/acre.
ANIMAL HUSBANDRY		<ul style="list-style-type: none"> Animal's shed and its floor should not remain wet and cool for longer periods of time. This may expose the animals, especially younger ones, to various ailments like pneumonia, fever, coccidiosis, diarrhoea and even death in severe case. Good ventilation must be ensured during winter.
POULTRY		<ul style="list-style-type: none"> Insulate the poultry house by using gunny bag and at the same time take care of ventilation to avoid ammonia build up. During brooding in winter, brooder temperature should be maintained at 35°C in first week, there after decrease by 3°C of the previous week.

Approved by ADR cum Nodal Officer
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