



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



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Week No.-46

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(TUESDAY)

DISTRICT: DHENKANAL (Mid-central Table Land Zone)

Weather condition during last week (12.11.2025 to 18.11.2025)

Rainfall (mm)	0.0
Maximum Temperature (°C)	27.6-29.0
Minimum Temperature (°C)	12.9-14.6

Forecast (Up to 23.11.2025) 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)
19-11-2025	0	31	14	0	79	36	6	318
20-11-2025	0	31	15	0	82	38	5	326
21-11-2025	0	32	15	0	86	45	5	326
22-11-2025	0	32	16	1	88	47	4	338
23-11-2025	0	32	16	2	86	42	3	342

Weather Summary:

According to the IMD forecast, Dhenkanal district is likely to dry for the next 5 days. The sky is expected to be clear to mainly clear. Wind speeds are anticipated to 03-06 km/h. Maximum and minimum temperatures will be between 31-32°C and 14-16°C respectively. Maximum relative humidity is predicted to be between 79% to 88% and minimum relative humidity ranging from 36% to 47% during this period.

WARNING :- Nil

Agromet Advisory

General Advisory:

- ❖ Now it is right time to take up Paira crop which can be sown 15 days before harvesting of paddy.
- ❖ Store the harvested Paddy, Groundnut, Sesame after sun drying for 2 to 3 days in HDPE bags.
- ❖ Carry out sowing of Sunflower, Chickpea and Field pea in rice fallow.
- ❖ To control leaf eating caterpillar and fruit borer in winter vegetables like Brinjal, Cauliflower, Cabbage, Chilly & tomato spray 0.5 g Emamectin benzoate or 0.4 ml Spinosad per liter of water.
- ❖ Cover the winter vegetable nursery with low cost polythene to avoid high evaporation and to maintain soil temperature.

Crop	Stage	Crop and Livestock specific Advisory
PADDY	Harvesting stage	<ul style="list-style-type: none"> • Continue the harvest of medium duration paddy. Harvest the rice crop at physiological maturity (85% grains matured in a panicle) and looks pale yellow in colour. • Store the harvested grains after sun drying for 2 to 3 days in HDPE bags.
SUGARCANE	Ripening stage	<ul style="list-style-type: none"> • To prevent Scale insect infestation use <i>Trichogramma chilonis</i> card @ 1-2/acre (10000 eggs/ha) at weekly interval for 6 times by splitting each card into 12 pieces at the given perforations. • Spray <i>Metarhizium anisopilae</i> @ 1 Kg/acre by mixing with 200 litres of water. • For chemical control, apply Thiamethoxam 25% WG @ 60 g/acre or Imidacloprid 17.8% SL @ 60 ml/acre or Acetamiprid 20% SP @60 g/acre by mixing with 200 litres of water.

BLACK GRAM & GREEN GRAM	Vegetative stage	<ul style="list-style-type: none"> Apply pre-emergence herbicide Pendimethalin 30 % E.C @ 1 litre /acre at 1-2 DAS in Green gram and Black gram.
MUSTARD	Vegetative stage	<ul style="list-style-type: none"> In cloudy 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.
GROUNDNUT	Pre sowing stage	<ul style="list-style-type: none"> Apply 35 kg DAP and 4 kg Urea and 26 kg MOP per acre in the furrows before sowing. Apply well powdered Gypsum @ 100 kg/acre and incorporate into the soil along with the basal fertilisers, this will improve number of pods and pod filling. Keep line to line spacing of 25 cm and plant to plant spacing of 10cm and put the seed in 3cm depth.
BRINJAL	Vegetative to Fruiting stage	<ul style="list-style-type: none"> To manage Shoot and Fruit Borer insect, install 20 nos. of pheromone trap having Leucin Lure per acre. Spray Neem based pesticide 1500ppm @600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45 % SC @ 75 ml/acre or Emamectin Benzoate 5% SG @ 80 g/ acre at 15 days interval.
TOMATO	Vegetative stage	<ul style="list-style-type: none"> Use yellow sticky traps @ 8-10/acre to attract and kill the whitefly. During primary stage of pest infestation spray neem-based pesticide (Azadirachtin) 1500 PPM @ 600 ml/acre by mixing in 200 litre of water. Spray Thiamethoxam 25 % WG @ 40 g/acre or Pyriproxifen 10% EC @ 200 ml/acre or Spiromesifen 22.9% SC @ 250 ml/acre by mixing in 200 litre of water.
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.
BANANA	Planting stage	<ul style="list-style-type: none"> November is the optimum time for planting of dwarf variety of banana. Plant Dwarf Cavendish and Robusta variety in 2X2 meter distance and 0.5X0.5X0.5 meter pit size. 300 to 400g disease free suckers or tissue culture suckers should be use.
LIVESTOCK		<ul style="list-style-type: none"> In winter season animal required high amount of food as temperature drops. Roughage should be given high amount to maintain the milk production. Maize, wheat and concentrate oil cakes @ 3 kg to the large animals such as Buffalo and cattle feeding helps in maintaining the body heat of the animals. Provide proper shelter to the animals with proper ventilation facilities. Floor should be clean, dry and bedding with straw which act as insulation and prevention of heat loss.

Approved by ADR cum Nodal Officer
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