



**GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
ODISHA UNIVERSITY OF AGRICULTURE & TECHNOLOGY
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DISTRICT: DHENKANAL (Mid-central Table Land Zone)

Weather condition during last week (18.10.2025 to 24.10.2025)

Rainfall (mm)	37.6
Maximum Temperature (°C)	31.4-33.5
Minimum Temperature (°C)	22.5-24.5

Forecast (Up to 29.10.2025) 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)
25-10-2025	2	32	22	2	89	51	3	90
26-10-2025	2	32	22	3	89	51	3	7
27-10-2025	7	32	21	5	90	55	4	11
28-10-2025	12	31	21	5	86	56	6	45
29-10-2025	30	31	21	6	89	72	13	56

Weather Summary:

According to the IMD forecast, Dhenkanal district is likely to receive very light rainfall on 25th & 26th then light rain on 27th & 28th and then moderate rainfall on 29th October. The sky is expected to be mainly clear to generally cloudy. Wind speeds are anticipated to 03-13 km/h. Maximum and minimum temperatures will be between 31-32°C and 21-22°C respectively. Maximum relative humidity is predicted to be between 86% to 90% and minimum relative humidity ranging from 51% to 72% during this period.

YELLOW WARNING (BE AWARE) :-

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 27th to 28th October.

Isolated heavy rainfall with 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 29th October.

Agromet Advisory

General Advisory:

- ❖ Keeping in view of moderate rainfall forecast pause sowing of Rabi crops, application of fertilizer and pesticide in standing crops.
- ❖ Go for harvesting of matured kharif crops and store them in safer place.
- ❖ Monitor for sucking insect pests such as white fly, leaf hopper and aphid in vegetables nursery.

Crop	Stage	Crop and Livestock specific Advisory
PADDY	Milking stage	<ul style="list-style-type: none"> • To control Neck Blast diseases remove the weeds and keep the field clean. Foliar spray of Trichoderma viridae should be done @ 4 g/lit. of water. To manage this disease spray Hexaconazole 5 % SC @ 400-ml/acre or Azoxystrobin 18.2% + Difenconazole 11.4 % S.C @ 200-ml/acre or Tebuconazole 50%+ Trifloxystrobin 25 % WG @ 80-gram/acre.
SUGARCANE	Grand growth stage	<ul style="list-style-type: none"> • Prevailing weather may increase infestation of Scale insect in sugarcane. To prevent this pre-soak the setts in Imidacloprid 17.8% SL solution. In case of pest infestation use Trichogramma chilonis card @ 1-2/acre (10000 eggs/ha) at weekly interval for 6 times by splitting each card into 12 pieces at the given perforations. 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.
SESAME	Capsule formation to Harvesting stage	<ul style="list-style-type: none"> Present weather condition may favorable for Powdery mildew disease in Sesame. For biological control spray Trichoderma viridae 5 % L @ 1 ml/lit of water. For chemical control spray Triadimefon 25% WP @ 200 g or Penconazole 10% EC @100ml by mixing with 200 liters of water for 1 acre area.
GROUNTNUT	Post Harvesting stage	<ul style="list-style-type: none"> Groundnut should be stored in polythene lined gunny bags with desiccant like fused Calcium Chloride @ 250-gram/30-kg of seeds. The desiccant should be tied with cotton cloth and kept inside perforated plastic box. The sealed bags should be kept vertically inside a well-ventilated room at room temperature. This technique is very effective in maintaining high germination rate even after 8-10 months of storage.
POTATO	Pre planting stage	<ul style="list-style-type: none"> Some high yielding Potato varieties are Kufri Jyoti, Kufri Badsah and Kufri Sundari, Kufri Khyaati, Kufri Suriya, Chipsona. The tuber seed should be disease free, well-sprouted and 20-25 gram each in weight. Depending upon the size of seeds for one acre of potato cultivation 6-8 quintals of tuber seeds required.
ONION	Pre sowing stage	<ul style="list-style-type: none"> Varieties like Agrifound light Red, Agrifound Dark Red, Bhima Shakti, Bhima Super etc are suitable for our Odisha condition during winter season. For one acre of Onion cultivation 4-Kg of seeds required to raise the nursery.
TOMATO	Seedling stage	<ul style="list-style-type: none"> For Tomato apply 20 kg Urea, 52 Kg DAP and 20Kg MOP as basal fertilizer and maintain row to row spacing of 60 cm and plant to plant spacing of 45 cm.
CHILLI	Seedling stage	<ul style="list-style-type: none"> Apply 43-kg of DAP, 20-kg of Urea, 25-kg of MOP as basal fertilizer before transplanting. Transplant 1-2 seedlings by maintaining row to row spacing of 60 cm and plant to plant spacing of 30-45 cm.
CABBAGE & CAULIFLOWER	Nursery stage	<ul style="list-style-type: none"> Maintain row to row spacing of 60 cm and plant to plant spacing of 30 cm for early maturing varieties whereas for medium and late duration varieties maintain row to row spacing of 60- 75 cm and plant to plant spacing of 40-45 cm. Seedling should be transplanted in afternoon hours.

**Approved by ADR cum Nodal Officer
GKMS-AMFU, RRTTS
Mahisapat, Dhenkanal**

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