



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



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Week No.-29

Bulletin No.58  
Dt. 22.07.2025  
(TUESDAY)

**DISTRICT: DHENKANAL (Mid-central Table Land Zone)**

**Weather condition during last week (16.07.2025 to 22.07.2025)**

<b>Rainfall (mm)</b>	<b>16.3</b>
<b>Maximum Temperature (°C)</b>	<b>32.6-35.6</b>
<b>Minimum Temperature (°C)</b>	<b>25.2-27.7</b>

**Forecast (Up to 27.07.2025) 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)
23-07-2025	3	34	25	5	87	50	1	146
24-07-2025	7	35	26	5	88	56	4	294
25-07-2025	18	34	26	6	89	68	11	290
26-07-2025	27	33	26	7	91	76	12	277
27-07-2025	8	33	25	5	92	76	10	250

**Weather Summary:**

According to the IMD forecast, Dhenkanal district is likely to receive light to moderate rainfall for the next 5 days. The sky is expected to be generally cloudy. Wind speeds are anticipated to 01-12 km/h. Maximum and minimum temperatures will be between 33-35°C and 25-26°C respectively. Maximum relative humidity is predicted to be between 87% to 92% and minimum relative humidity ranging from 50% to 76% during this period.

**YELLOW WARNING:- (BE AWARE)**

Thunderstorm with lightning with gusty surface wind speed reaching 30-40 kmph very likely to occur on 23<sup>th</sup>, 24<sup>th</sup> July and heavy rain with thunderstorm with lightning with gusty surface wind speed reaching 30-40 kmph on 25<sup>th</sup>, 26<sup>th</sup> July very likely to occur at one or two places over the district of Dhenkanal.

**EXTENDED RANGE FORECAST FOR THE NEXT 2 WEEKS:**

**Week 1** (18<sup>th</sup> July 2025 to 24<sup>th</sup> July 2025) - Widespread to fairly widespread rain/thundershower is very likely over districts of Odisha with Light to moderate rainfall with isolated heavy to very heavy rainfall is very likely over the state of Odisha.

**Week 2** (25<sup>th</sup> July 2025 to 31<sup>st</sup> July 2025) - Widespread to fairly widespread rain/thundershower is very likely over districts of Odisha with Light to moderate rainfall with isolated heavy to very heavy rainfall is very likely over the state of Odisha. Also overall rainfall activity likely to be slightly above normal over the districts of Odisha.

**Agromet Advisory**

**General Advisory:**

- ❖ Keeping in view of moderate rainfall forecast after 2 days, farmers are advised to withhold sowing of finger millet, Sesame, groundnut, top dressing of fertilizer and pesticide application in standing crops.
- ❖ Go for transplanting of Paddy, finger millet without any delay.
- ❖ Make provisions for drainage, where kharif maize or pulses etc. have been sown.
- ❖ Cover the vegetable nursery with polythene to protect it from heavy rain and make drainage arrangement.

Crop	Stage	Crop and Livestock specific Advisory
<b>PADDY</b>	Transplanting	<ul style="list-style-type: none"> <li>• Go for transplanting of 21-25days old seedlings should be done at a spacing of 20x15 cm, plant 2-3 seedlings per hill for high yielding varieties.</li> <li>• To control weed infestation in Paddy field use pre-emergence herbicide Pretilachlor 37 % EW @ 600ml/acre or Oxadiargyl 80%W.P @ 50g/acre or Pyrazosulfuron Ethyl 10% W.P @ 80g/acre at 1-3 DAT.</li> <li>• Spray the herbicide by mixing it in 200 litres of water per acre or mix the herbicide with 20 kg of sand and broadcast it uniformly.</li> </ul>
<b>SUGARCA NE</b>	Vegetative stage	<ul style="list-style-type: none"> <li>• In medium and long duration sugarcane varieties, wrapping and propping should be done in 4-5 months old crop to keep the cane erect.</li> <li>• To manage Internode Borer pest biologically, use Trichogramma chilonis card @ 1/acre at weekly interval for 6 times by splitting each card into 12 pieces at the given perforations.</li> </ul>
<b>FINGER MILLET</b>	Nursery	<ul style="list-style-type: none"> <li>• To control weed in finger millet crop, in both broadcasted and transplanted crop apply Pretilachlor 50% EC @ 500 ml per acre or Pendimethaline 30% EC @ 1000 ml per acre in 200 litres of water or 10 kg of sand as pre emergence herbicide.</li> </ul>
<b>GROUNDN UT</b>	Sowing to Vegetative	<ul style="list-style-type: none"> <li>• If pre-emergence herbicide is not applied during sowing than to manage weeds in Groundnut crop post emergence application of herbicide like Imazethapyr 10 % SL @ 300-ml/acre or Quizalofop-Ethyl 5 % EC @ 400-ml/acre should be applied at 15-DAS by mixing it in 200 litre of water.</li> </ul>
<b>BANANA</b>	Planting to Vegetative	<ul style="list-style-type: none"> <li>• Provide staking and make provision for drainage.</li> <li>• To manage panama wilt, select disease free planting material and resistant cultivar like Bantal, Robusta, Champa, Kabuli etc.</li> <li>• Banana suckers should be dipped with solution of Carbendazim @ 10-gram/10- litre of water before planting followed by bimonthly drenching of soil around the pseudostem starting from 5 months after planting.</li> </ul>
<b>FRENCH BEAN</b>	Sowing stage	<ul style="list-style-type: none"> <li>• Some Bush varieties of French bean for Odisha condition are Phalguni, Arka Komal, Contender, Pusa Parvati. Some pole varieties are Kentucky Wonder, Pusa Himlata etc.</li> <li>• For cultivation of French bean 20-30 kg seed for bush varieties and 10-12 kg seed for tall varieties is required per acre.</li> </ul>
<b>BRINJAL</b>	Nursery stage	<ul style="list-style-type: none"> <li>• After cessation of rain, to control damping off disease of Brinjal seedlings in the nursery, there should be proper drainage system.</li> <li>• Seed treatment should be done with Trichodermaasperellum @ 4 gm per kg of seeds or Pseudomonas fluorescens @ 10 gm / kg of seed 24 hours before sowing of seeds.</li> <li>• Drench the bed soil with solution of 20 gm Metalaxyl and Mancozeb in 10-litre water.</li> </ul>
<b>SWEET POTATO</b>	Planting	<ul style="list-style-type: none"> <li>• Now it is best time for planting of Sweet potato. For Odisha condition, some improved varieties are Gouri, Bhuban Sankha, Pusa safed, Samrat.</li> <li>• Plant 100-150 gram healthy seed at 60cm x 25cm distance.</li> </ul>
<b>LIVESTOC K</b>		<ul style="list-style-type: none"> <li>• Keep the cattle shed clean during rainy season to prevent ectoparasites like ticks and lice.</li> <li>• Provide adequate drainage to prevent waterlogging and spread of diseases.</li> <li>• Regular monitor for signs of common rainy season diseases like foot rot, diarrhea and respiratory problems.</li> </ul>

<b>POULTRY</b>	<ul style="list-style-type: none"> <li>• During rainy season provide proper drainage around the poultry house to prevent waterlogging and mosquito breeding.</li> <li>• Regular monitor poultry birds for signs of illness and common rainy season diseases like coccidiosis.</li> </ul>
<b>GOAT</b>	<ul style="list-style-type: none"> <li>• Deworming is to be done after onset, in middle and at the end of rainy season.</li> <li>• Vaccinate the goat against Pestidespetits Ruminants (PPR) disease and after 1 month, vaccinate against Enterotoxaemia (ET) disease.</li> <li>• Goats are suffered hoof problem during rainy season. Cleaning the hooves with lime twice a week can reduce the problem of hoof ulcers.</li> </ul>

Approved by ADR cum Nodal Officer  
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