



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



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Week No.-28

Bulletin No.56  
Dt. 15.07.2025  
(TUESDAY)

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

**Weather condition during last week (09.07.2025 to 15.07.2025)**

<b>Rainfall (mm)</b>	<b>68.1</b>
<b>Maximum Temperature (°C)</b>	<b>27.4-35.2</b>
<b>Minimum Temperature (°C)</b>	<b>24.9-26.1</b>

**Forecast (Up to 20.07.2025) 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)
16-07-2025	17	31	24	7	87	63	4	280
17-07-2025	10	32	24	6	84	62	4	246
18-07-2025	8	33	25	5	86	58	2	162
19-07-2025	6	33	25	5	87	54	4	158
20-07-2025	7	33	25	5	86	53	3	173

**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 partly to generally cloudy. Wind speeds are anticipated to 02-04 km/h. Maximum and minimum temperatures will be between 31-33°C and 24-25°C respectively. Maximum relative humidity is predicted to be between 84% to 87% and minimum relative humidity ranging from 53% to 63% during this period.

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

Heavy rain and 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 16<sup>th</sup> July. Then 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 17<sup>th</sup>-20<sup>th</sup> July

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

**Week 1** (11<sup>th</sup> July 2025 to 17<sup>th</sup> July 2025) - Light to moderate rainfall is very likely to occur over the state of Odisha.

**Week 2** (18<sup>th</sup> July 2025 to 24<sup>th</sup> July 2025) - Light to moderate rainfall is very likely to occur over the state of Odisha.

**Agromet Advisory**

**General Advisory:**

- ❖ Keeping in view to light to moderate rainfall forecast, farmers are advised to continue agriculture operation accordingly.
- ❖ Go for transplanting of Paddy without any delay as fair amount rainfall is received due to active monsoon.
- ❖ Prevailing cloudy weather and high relative humidity condition is favorable for pest attack in standing crops. So regular monitoring and appropriate plant protection measure should be taken up.

Crop	Stage	Crop and Livestock specific Advisory
<b>PADDY</b>	Nursery	<ul style="list-style-type: none"> <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> </ul>

		<ul style="list-style-type: none"> <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>	Formative 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>• Remove the borer affected tillers and late formed tillers, tie the cane shoot with two or three together with partially dried lower leaves.</li> </ul>
<b>FINGER MILLET</b>	Nursery	<ul style="list-style-type: none"> <li>• Before sowing of finger millet, apply 2 tonne of well decomposed FYM per acre during final land preparation.</li> <li>• For unirrigated land apply 17 kg DAP, 14 kg UREA, 13 kg MOP per acre and for irrigated land apply 26 kg DAP, 21 kg Urea, 15 kg MOP per acre at the time of sowing or transplanting.</li> </ul>
<b>SESAME</b>	Sowing	<ul style="list-style-type: none"> <li>• Now the weather is optimum for sowing of Sesame. Use 1 to 1.2 kg seeds /acre.</li> <li>• Before sowing treat the seeds with 3 g Ceresan/kg seeds.</li> <li>• Apply 6:8:8 kg NPK/acre during final land preparation. Sow the seeds in lines at 30 cm apart with 10 cm between plants.</li> </ul>
<b>GROUNDNU T</b>	Sowing	<ul style="list-style-type: none"> <li>• To prevent White grub pest apply Chlorpyriphos dust @12-10 kg/acre at last ploughing or apply this dust above seeds after sowing and then cover it by soil.</li> <li>• Instead of this farmers can also go for seed treatment with Chlorpyriphos @ 12 ml/kg of seed or Imidacloprid @ 2 ml/kg of seed.</li> <li>• Collect and kill the adults by inserting light trap @ 4-5/acre during evening 7 to 10. Adults can be collected from nearest host plant like ber,neem,jamun.</li> <li>• FYM pit should not be dug near the field.</li> </ul>
<b>PAPAYA</b>	Planting	<ul style="list-style-type: none"> <li>• Now the weather is optimum for planting of Papaya.</li> <li>• HYV for papaya are Honeydew, Coorg honey dew, CO-1, CO-2, Pusa delicious, Pusa majesty and Pusa giant.</li> <li>• Plant the seedling at 2.5 x 2.5 meter distance and 0.5 x 0.5 x 0.5 meter pit. Disease resistance and Tissue culture seedling should be use.</li> </ul>
<b>MANGO</b>	Planting	<ul style="list-style-type: none"> <li>• July and August is the optimum for mango planting.</li> <li>• Grow Baiganpalli, Totapuri, Bombay green, Suvarnarekha, Neelam, Himsagar,, Langra, Dusheri, Amrapalli, Mallika, Ratna, Ramkella, Rummani, Sindhu, Alphanso and Keshar, etc. Use healthy unbranched grafted seedlings.</li> <li>• Plant the seedlings in 1x1x1 m pit at 10x10 m distance. Before planting apply 80:100:60 g of NPK and two baskets of compost/pit.</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 gmMetalaxyl 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</li> </ul>

	waterlogging and mosquito breeding. <ul style="list-style-type: none"><li>• Regular monitor poultry birds for signs of illness and common rainy season diseases like coccidiosis.</li></ul>
<b>FISHERY</b>	<ul style="list-style-type: none"><li>• Heavy rainfall can affect the water quality of fish pond. Farmers are advised to monitor water parameters and take necessary precaution like ensuring proper drainage and aeration.</li></ul>

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

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