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**ODISHA UNIVERSITY OF AGRICULTURE & TECHNOLOGY**  
**Mahisapat, Dhenkanal- 759013**



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Week No.-34

Bulletin No.68  
Dt. 26.08.2025  
(TUESDAY)

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

**Weather condition during last week (20.08.2025 to 26.08.2025)**

<b>Rainfall (mm)</b>	<b>39.3</b>
<b>Maximum Temperature (°C)</b>	<b>27.5-31.4</b>
<b>Minimum Temperature (°C)</b>	<b>25.0-26.4</b>

**Forecast (Up to 31.08.2025) 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)
27-08-2025	7	29	23	5	94	72	5	315
28-08-2025	7	29	23	5	94	71	8	308
29-08-2025	8	29	24	5	94	72	5	283
30-08-2025	8	29	24	5	93	70	5	250
31-08-2025	7	30	24	5	93	72	3	263

**Weather Summary:**

According to the IMD forecast, Dhenkanal district is likely to receive light rainfall for the next 5 days. The sky is expected to be generally cloudy. Wind speeds are anticipated to 03-08 km/h. Maximum and minimum temperatures will be between 29-30°C and 23-24°C respectively. Maximum relative humidity is predicted to be between 93% to 94% and minimum relative humidity ranging from 70% 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 27<sup>th</sup> -30<sup>th</sup> August.

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

**Week 1 (22nd August 2025 to 28th August 2025)**

Fairly widespread to widespread rain/thundershower is very likely over the 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 (29th August, 2025 to 04<sup>th</sup> September, 2025)**

Fairly widespread to widespread rain/thundershower is very likely over districts of Odisha with light to moderate rainfall with isolated heavy rainfall is very likely over the state of Odisha.

**Agromet Advisory**

**General Advisory:**

- ❖ Make provision for drain out excess water from Maize, Groundnut, Sesame and Vegetable field.
- ❖ Keeping in view of light to moderate rainfall forecast, postpone application of fertilizer and pesticide in different standing crops for time being.
- ❖ Top dressing of fertilizers in the rice field may be carried out as sufficient rainfall received in past week.
- ❖ Go for gap filling using seedling of same age or clonal tillers to have a uniform distribution.

Crop	Stage	Crop and Livestock specific Advisory
<b>PADDY</b>	Active Tillering stage	<ul style="list-style-type: none"> <li>• There is a chance of Rice Hispa infestation due to prevailing weather condition. To control this pest, withheld nitrogen fertilizer top dressing and spray Lambda cyhalothrin 2.5 EC @ 200 ml per acre or</li> </ul>

		Chlorpyrifos 20% EC @ 500 ml per acre or (Profenophos 40% + Cypermethrin 4% E.C.) @ 400 ml per acre by mixing it in 200-litre of water.
<b>MAIZE</b>	Knee high stage	<ul style="list-style-type: none"> <li>To manage Maydis Leaf Blight disease spray Mancozeb 75 % WP @ 400g/L or Zineb 75 % WP @ @ 400g/Lor Carbendazim 12 % + Mancozeb 63 % WP @ 400g/L.</li> </ul>
<b>SUGARCANE</b>	Vegetative stage	<ul style="list-style-type: none"> <li>Now the weather is congenial for Red Rot disease in Sugarcane, To manage this, spray Carbendazim 12%+ Mancozeb 63% WP @ 400-gram/acre or Metalaxyl 8% + Mancozeb 64% @ 400-gram/acre by mixing it in 200-litre of water.</li> </ul>
<b>GROUNDNUT</b>	Vegetative stage	<ul style="list-style-type: none"> <li>To manage Leaf Miner, Aphids and Thrips at early stage of infestation spray neem-based pesticide (Neem Oil 1500 PPM) @ 600ml/acre by mixing in 200litre of water. To manage these pests chemically spray Thiamethoxam 25 % WG @ 40-g /acre or Emamectin Benzoate 5 % SG @ 80- g/acre by mixing in 200 litre of water.</li> </ul>
<b>COWPEA</b>	Fruiting	<ul style="list-style-type: none"> <li>Present high humidity and cloudy weather situation may lead to <b>Aphid</b> infestation in Cowpea. At primary stage of infestation, spray <i>Verticillium lecani</i> @ 5 g/lit of water. Along with this broadcast 5000 no. of eggs of <i>Chrysoperlacarnea</i> per acre by mixing with saw dust. Try to conserve other parasitoids in field like ladybug (Coccinellid beetle) and syrphid fly.</li> <li>To manage Aphids chemically spray Thiamethoxam 25% W.G @ 60 gram/acre or Acetamiprid 20% S.P. @ 50 gram/acre by mixing in 200 litres of water.</li> </ul>
<b>OKRA</b>	Fruiting	<ul style="list-style-type: none"> <li>There are chances of <b>sucking pests</b> like Aphids, Jassids, Thrips and Whiteflies in Okra due to current weather condition. To manage these pests at early stage of infestation spray neem-based pesticide (Neem Oil) 1500 PPM @600-ml/acre by mixing it in 200-litre of water.</li> <li>To manage these sucking pests chemically spray Thiamethoxam 25 % WG @ 40-gram/acre or Acetamiprid 20 % SP @ 50-gram/acre or Tolfenpyrad 15 % EC @ 400-ml/acre by mixing it in 200-litre of water.</li> </ul>
<b>POULTRY</b>		<ul style="list-style-type: none"> <li>Rainy season favors poultry disease conditions a lot. It is a medium for the transportation of pathogens.</li> <li>Infectious Bursal Disease (Gumboro), Fowl Pox, Fowl Cholera, E-Coli, and Salmonella diseases are prevalent during the rainy season.</li> <li>To prevent these diseases, keep the pen dry always, do not serve caked feed, and give antibiotics routinely during the rainy season to boost the chickens' immune system.</li> </ul>
<b>GOAT</b>		<ul style="list-style-type: none"> <li>During rainy season maintain goat shed floor clean and dry as far as possible. After cleaning, spray lime powder on the floor to remove excess moisture and kill germs.</li> <li>Follow deworming and vaccination schedule as per the advice of local veterinarians.</li> </ul>
<b>FISHERY</b>		<ul style="list-style-type: none"> <li>As most of the fish species breed during monsoon, it is recommended not to fill the ponds with canal water during rainy season.</li> <li>In case cloudy conditions prevail for long hours during daytime and plankton crop crash occurs due to rainfall, it is suggested to maintain oxygen level through an effective aeration method and stop feeding till the next sunshine. It is advocated to periodically replenish 20-25% of pond water with fresh water to maintain optimum pH and oxygen levels during this season.</li> </ul>

Approved by ADR cum Nodal Officer  
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Mahisapat, Dhenkanal

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