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



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Week No.-36

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(THURSDAY)

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

**Weather condition during last week (29.08.2025 to 04.09.2025)**

<b>Rainfall (mm)</b>	<b>87.4</b>
<b>Maximum Temperature (°C)</b>	<b>27.6-33.6</b>
<b>Minimum Temperature (°C)</b>	<b>25.0-26.8</b>

**Forecast (Up to 09.09.2025) 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)
05-09-2025	20	30	25	6	95	68	3	360
06-09-2025	10	31	25	5	93	63	1	90
07-09-2025	7	31	25	5	91	65	2	297
08-09-2025	8	32	26	5	91	61	3	291
09-09-2025	8	32	26	5	91	62	3	286

**Weather Summary:**

According to the IMD forecast, Dhenkanal district is likely to receive moderate rainfall on tomorrow and light rainfall thereafter for the next 4 days. The sky is expected to be generally cloudy. Wind speeds are anticipated to 01-03 km/h. Maximum and minimum temperatures will be between 30-32°C and 25-26°C respectively. Maximum relative humidity is predicted to be between 91% to 95% and minimum relative humidity ranging from 61% to 68% during this period.

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

Heavy Rain and Thunderstorm with lightning accompanied with gusty surface wind speed reaching 30-40 kmph very likely to occur at one or two places over the district of Dhenkanal on 05<sup>th</sup> September. 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 06<sup>th</sup> to 09<sup>th</sup> September.

**Agromet Advisory**

**General Advisory:**

- ❖ Farmers are advised to drain excess water from different standing crops and vegetables as there was water logging condition due to past rainfall.
- ❖ Present high humidity and rainy day conditions may congenial for blight and rot disease in standing crops. Regular monitoring and appropriate plant protection measures should be taken up.
- ❖ Keeping in view of light to moderate rainfall forecast, postpone application of fertilizer and pesticide in different standing crops for time being.
- ❖ Carry out hand weeding in different standing crops to make the field weed-free.

Crop	Stage	Crop and Livestock specific Advisory
<b>PADDY</b>	Active Tillering stage	<ul style="list-style-type: none"> <li>There are chances of appearance of iron toxicity symptoms like lesser tiller, yellowing of leaves and stunted growth due to stagnant water. In such cases drain out stagnant water and apply 10-kg of MOP and 10-kg of Zinc Sulphate 21% per acre.</li> </ul>
<b>MAIZE</b>	Knee high to Tasselling	<ul style="list-style-type: none"> <li>Present high humidity (&gt;90%) and continuous rain the past week may aggravate downy mildew disease in Maize. To manage this disease spray Azoxystrobin + Mancozeb @ 300 g /ac with 200 liter of water.</li> </ul>

<b>SUGARCANCE</b>	Vegetative stage	<ul style="list-style-type: none"> <li>To control leaf hopper- pyrilla in sugarcane crop spray Imidacloprid 17.8 % SL @ 60- ml/acre or Thiamethoxam 25 % WG @ 40-gram/acre or Profenophos 50 % EC @ 400-ml/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>CUCURBITS</b>	Fruiting	<ul style="list-style-type: none"> <li>There are chances of infestation of Downy Mildew disease in cucurbit vegetables after heavy rainfall. For control Downy Mildew disease in cucurbits spray Copper Hydroxide 77 % WP @ 3-gram/litre or Fosetyl -AL 80 % WP @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.</li> </ul>
<b>BRINJAL &amp; CHILLI</b>	Fruiting	<ul style="list-style-type: none"> <li>After rainfall there may be a chance of wilting and root rot in vegetables like Brinjal and Chilli. To manage this disease, drench the root zone with a solution of 10g Plantomycin and 20g Metalaxyl 8% + Mancozeb 64 % WP mixed in 10 litres of water.</li> </ul>
<b>BANANA:</b>	Fruiting	<ul style="list-style-type: none"> <li>Provide drainage. Give staking to plants. For sigatoka disease, spray Mancozeb 75% WP (@ 400-g or Zineb 75% WP @ 400g or Carbendazim 12% + Mancozeb 63% WP @ 400g per acre with 200 liter of water.</li> </ul>
<b>LIVESTOCK</b>		<ul style="list-style-type: none"> <li>Keep animal shed and shelter house free from water logging by keeping it dry and free from weed.</li> <li>Fresh and immature leaves should not to be fed more amount as they may cause diarrhea. If grasses were cut in morning or evening time, it can be sun dried for about 30 minute before feeding.</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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