



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



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Week No.-39

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(TUESDAY)

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

**Weather condition during last week (24.09.2025 to 30.09.2025)**

<b>Rainfall (mm)</b>	<b>52.6</b>
<b>Maximum Temperature (°C)</b>	<b>27.8-33.5</b>
<b>Minimum Temperature (°C)</b>	<b>24.9-26.0</b>

**Forecast (Up to 05.10.2025) 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)
01-10-2025	7	32	24	5	93	60	3	328
02-10-2025	15	31	24	6	94	63	4	9
03-10-2025	20	31	24	7	94	76	9	53
04-10-2025	18	32	25	6	94	80	6	108
05-10-2025	10	33	25	5	93	76	7	166

**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 03-07 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 93% to 94% and minimum relative humidity ranging from 60% to 80% 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 01<sup>st</sup> to 05<sup>th</sup> October.

**Agromet Advisory**

**General Advisory:**

- ❖ Spraying or dusting of plant protection chemicals should be done in a clear weather condition and rainy days should be avoided.
- ❖ Farmers are advised to grow short duration pre rabi crops like Amaranthus, Ragi, Horse gram, Green gram, Black gram, Cowpea, Sweet potato and Sesame in upland/medium lands utilizing the available soil moisture in the field.

Crop	Stage	Crop and Livestock specific Advisory
<b>PADDY</b>	Panicle Initiation stage	<ul style="list-style-type: none"> <li>• For HYVs of rice apply 17 kg of Urea per acre at PI stage. In case of Light sandy soil, apply 17 kg Urea and 15 Kg of MOP per acre. For Hybrids apply 20 kg of Urea along with 20-kg of MOP at PI stage.</li> <li>• The present high humid weather condition is favourable for Brown Plant Hopper (BPH) and White Backed Plant Hopper (WBPH) infestation in paddy. Spray Pymetrozine 50% WG @ 120 g/acre or Dinotefuran 20 % SG @ 80 g/acre or Flonicamid 50 % WG @ 60-gram/acre or Triflumezopyrim 10% SC @ 100 ml / acre at the base of the plant for control of above pests.</li> </ul>
<b>MAIZE</b>	Cob development stage	<ul style="list-style-type: none"> <li>• Rainfall after a dry spell may aggravate infestation of <b>Fall army worm</b> in maize. For control the pest spray biopesticide <i>Beauveria bassiana</i> @ 1200-gram/acre by mixing in 200- litre of water. Dust</li> </ul>

		mixture of sand, soil and wooden ash inside the leaf whorl so that the caterpillars cannot feed on the leaves. To manage the pest chemically, spray Emamectin Benzoate 5 % S.G@ 80 g/acre or Spinetoram 11.7% S.C @ 100ml/acre or Chlorantraniliprole 18.5% S.C @ 80-ml/acre. 200 litre of water per acre is required to spray the insecticide.
<b>SUGARCANE</b>	Grand growth stage	<ul style="list-style-type: none"> <li>To prevent Red Rot disease in Sugarcane 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>SESAME</b>	Flowering to Capsule formation	<ul style="list-style-type: none"> <li>Provide adequate drainage channels to avoid water logging in the Sesame field. There are chances of Leaf webber infestation in Sesame crop. To manage leaf webber spray Chlorpyrifos 50 % + Cypermethrin 5 % EC @ 400-ml/acre or Profenophos 50 % EC @ 400-ml/acre.</li> </ul>
<b>COLE CROPS:</b>	Nursery stage	<ul style="list-style-type: none"> <li>To prevent damping off disease in nursery, treat 1-kg of seeds with 2-gram Carbendazim 50% WP or 3-gram Carboxin 37.5%+ Thiram 37.5% D.S before sowing. After sowing drench, the bed soil with 2-gram Carbendazim mixed in 1- litre of water.</li> </ul>
<b>TOMATO, BRINJAL &amp; CHILLI</b>	Nursery stage	<ul style="list-style-type: none"> <li>Due to heavy rainfall there are chances of <b>Damping off disease</b> in vegetable nursery like Tomato, Brinjal, Chilli. For control it drench nursery bed with 2- gram Captan/litre of water or 2.5-gram Copper Oxychloride/litre of water.</li> </ul>
<b>CUCURBITS</b>	Flowering to Fruiting	<ul style="list-style-type: none"> <li>There are chances of infestation of <b>Downy Mildew</b> disease in cucurbit vegetables after the 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>PAPAYA</b>	Fruiting	<ul style="list-style-type: none"> <li>To control papaya Crown rot after heavy rain Provide drainage and spray Copper Oxychloride @3 g/litre of water or Carbendazim @1 g/lit or Thiophanate Methyl @1 g/lit at 15 days interval.</li> </ul>
<b>FISHERY</b>	<ul style="list-style-type: none"> <li>Heavy rainfall may decrease the salinity of water in the pond. Farmers are advised to apply alky-dimethyl-benzyl ammonium chloride (3ppm) as a disinfectant after cessation of rain.</li> </ul>	
<b>LIVESTOCK</b>	<ul style="list-style-type: none"> <li>During rainy season conduct regular health checks on livestock to identify any signs of stress or illness early.</li> <li>Ensure a clean and adequate water supply, avoiding stagnant water which can be a breeding ground for pathogens.</li> <li>Regularly check water sources for contamination and maintain proper hygiene.</li> </ul>	

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

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