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DISTRICT: DHENKANAL (Mid-central Table Land Zone)

Weather condition during last week (27.09.2025 to 03.10.2025)

Rainfall (mm)	112.8
Maximum Temperature (°C)	27.8-34.0
Minimum Temperature (°C)	24.2-26.0

Forecast (Up to 08.10.2025) 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)
04-10-2025	6	32	23	7	95	76	8	137
05-10-2025	7	32	23	6	94	72	4	90
06-10-2025	9	33	24	5	94	67	4	191
07-10-2025	9	33	24	5	95	70	3	360
08-10-2025	8	33	24	5	95	74	4	304

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 32-33°C and 23-24°C respectively. Maximum relative humidity is predicted to be between 94% to 95% and minimum relative humidity ranging from 67% 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 at one or two places over the district of Dhenkanal on 04th to 06th October.

Agromet Advisory

General Advisory:

- ❖ Keeping in view of light rainfall forecast, postpone application of fertilizer and pesticide in different standing crops for time being.
- ❖ Make provision for drain out excess water from crop field to prevent water logging due to past rain.

Crop	Stage	Crop and Livestock specific Advisory
PADDY	Panicle Initiation stage	• 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.
MAIZE	Cob development stage	• 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.
SUGARCANCE	Grand growth stage	• 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.

GROUNDNUT	Vegetative stage	<ul style="list-style-type: none"> • There is a chance of Leaf Miner, Aphids and Thrips infestation due to present weather conditions. To manage these pest 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.
COWPEA	Fruiting	<ul style="list-style-type: none"> • Present high humidity and cloudy weather situation may lead to Aphid 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. • 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.
OKRA	Fruiting	<ul style="list-style-type: none"> • There are chances of sucking pests 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. • 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.
COLE CROPS:	Nursery stage	<ul style="list-style-type: none"> • 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.
TOMATO, BRINJAL & CHILLI	Nursery stage	<ul style="list-style-type: none"> • Due to heavy rainfall, there are chances of Damping off disease 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 Oxchloride/litre of water.
CUCURBITS	Flowering to Fruiting	<ul style="list-style-type: none"> • There are chances of infestation of Downy Mildew 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.
FISHERY		<ul style="list-style-type: none"> • 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.
LIVESTOCK		<ul style="list-style-type: none"> • During rainy season conduct regular health checks on livestock to identify any signs of stress or illness early. • Ensure a clean and adequate water supply, avoiding stagnant water which can be a breeding ground for pathogens. • Regularly check water sources for contamination and maintain proper hygiene.

Approved by ADR cum Nodal Officer
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