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Week No.-37

Bulletin No.74
Dt. 16.09.2025
(TUESDAY)

DISTRICT: DHENKANAL (Mid-central Table Land Zone)

Weather condition during last week (10.09.2025 to 16.09.2025)

Rainfall (mm)	19.3
Maximum Temperature (°C)	30.9-35.4
Minimum Temperature (°C)	25.4-26.9

Forecast (Up to 21.09.2025) 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)
17-09-2025	15	31	25	5	93	66	2	194
18-09-2025	10	32	25	5	93	65	3	90
19-09-2025	8	33	26	5	93	62	3	174
20-09-2025	7	33	26	4	92	58	2	169
21-09-2025	7	33	26	4	92	60	0	90

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 partly to generally cloudy. Wind speeds are anticipated to 02-03 km/h. Maximum and minimum temperatures will be between 31-33°C and 25-26°C respectively. Maximum relative humidity is predicted to be between 92% to 93% and minimum relative humidity ranging from 58% to 66% 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 17th to 20th September.

Agromet Advisory

General Advisory:

- ❖ Do proper field surveillance for pests and diseases regularly and take appropriate plant protection measures accordingly.
- ❖ In uplands prepare seedlings for tomato and early variety cauliflower.
- ❖ The present condition (cloudy sky, high humidity, intermittent rainfall with high day temperature) is highly favourable for incidence of many diseases like Bacterial Blight, Bacterial Leaf Streak and Leaf Blast etc. So, keep vigil on your field.

Crop	Stage	Crop and Livestock specific Advisory
PADDY	Maximum Tillering stage	<ul style="list-style-type: none"> • Present warm, humid weather condition and intermittent rainfall may increase infestation of BPH and WBPH in Paddy. To manage these pests avoid excess use of nitrogenous fertilizer. Do not keeping standing water in the field for longer period. Alter the micro-climate of the rice field by alternate wetting and drying technique. Make alleys at 6 feet spacing for sunlight entry and proper aeration below the crop zone. • If problem persists, spray Pymetrozine 50% WG @ 120 g/acre or Dinotefuran 20 % SG @ 80 g/acre or Flonicamid 50 % WG @ 60-g/acre or Triflumezopyrim 10% SC @ 100 ml / acre at the base of the plant. Use only pesticides recommended for brown plant hopper at recommended dose only.

MILLETS	Tillering stage	<ul style="list-style-type: none"> • There is a chance aphid infestation in Millets due to present weather. For its management yellow coloured flower plant should be planted in field. Use yellow sticky traps @ 8 nos/ acre. • During primary stage of pest infestation spray Neem Based Pesticide (Azadirachtin) 3000 PPM @ 600 ml/acre. Spray 30 ml neem oil mixed in 10 liter of water along with shampoo (small packet) in field.
MAIZE	Tasselling stage	<ul style="list-style-type: none"> • Rainfall after a dry spell may aggravate infestation of fall army worm in maize, to control fall armyworm in maize use 4 pheromone traps /acre and spray 5 ml of 1500ppm neem oil /lit water. If more severe incidence observed spray Emamectin benzoate @ 0.5 g / lit of water.
SUGARCANE	Grand growth stage	<ul style="list-style-type: none"> • There are chances of Red Rot disease infection in sugarcane crop. To manage Red Rot disease in Sugarcane drain out excess water from field then spray Carbendazim 12%+ Mancozeb 63 % WP @ 400-gram/acre or Metalaxyl 8 % + Mancozeb 64 % WP @ 400-gram/acre by mixing it in 200 litre of water.
GROUNDNUT	Vegetative stage	<ul style="list-style-type: none"> • There may be chances of incidence of Tikka disease in groundnut. To manage Tikka disease spray Chlorothalonil 75% WP @ 400-gram/acre or Hexaconazole 5% E.C @ 300 ml/acre.
VEGETABLES	Vegetative to fruiting	<ul style="list-style-type: none"> • There are chances of sucking pest like Aphids, Jassids, Thrips and Whiteflies in vegetables due to present weather condition. To manage these pests at early stage of infestation spray neem-based pesticide (Neem Oil 3000 PPM @600-ml/acre by mixing it in 200-litre of water. Install 8-10 Nos of Yellow sticky traps per acre to control the pest. • To manage these sucking pests chemically spray Thiamethoxam 25 % WG @ 50-gram/acre or Acetamiprid 20 % SP @ 50-gram/acre or Fenobucarb @ 400-ml/acre or Tolfenpyrad 15 % EC @ 400-ml/acre by mixing it in 200-litre of water. Harvesting should be done minimum 1 week after insecticide spraying.
OKRA	Fruiting	<ul style="list-style-type: none"> • For controlling Fruit and Shoot borer in Okra, apply Emamectin benzoate @ 60 gm or spinosad @70 ml per acre.
CUCURBITS	Flowering to Fruiting	<ul style="list-style-type: none"> • To control Red Pumpkin Beetle in Cucurbit crops spray Cyantraniliprole 10.26% OD @ 400-ml/acre or Imidacloprid 17.8% SL @ 60-ml/ acre or Chlorpyrifos 20% EC @ 400-ml/acre.
COLE CROPS:	Pre-Sowing	<p>Nursery management-</p> <ul style="list-style-type: none"> • The seed rate for Cauliflower, cabbage and Broccoli is 200g for improved varieties and 50g for hybrid seeds. For one-acre cultivation, prepare 10-12 nursery bed of 3m length, 1m breadth and 10-15 cm height. Apply 20 kg of completely decomposed FYM to each nursery bed ten days before sowing.
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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