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DISTRICT: DHENKANAL (Mid-central Table Land Zone)

Weather condition during last week (29.11.2023 to 05.12.2023)

Rainfall (mm)	0.0
Maximum Temperature (°C)	28.6-32.2
Minimum Temperature (°C)	18.2-22.3

Forecast (Up to 10.12.2023) 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)
06-12-2023	5	29	20	6	94	68	8	58
07-12-2023	6	29	20	6	92	73	10	68
08-12-2023	2	29	19	5	93	78	7	70
09-12-2023	0	30	17	3	93	64	5	77
10-12-2023	0	30	17	3	82	59	4	135

As per IMD forecast, the Dhenkanal district is likely to receive very light to light rainfall for the next three days and then dry weather for the next two days with partly to generally cloudy sky. The wind speed is likely to remain 04-10 km/h. The maximum temperature is likely to remain between 29-30°C and minimum temperature between 17-20°C. The maximum RH will remain between 82% to 94% and minimum RH between 59% to 78% for the next five days.

Agromet Advisory

- ❖ In view of light rainfall forecast, harvest the matured crops and store them in safer place.
 - ❖ Use low cost polythene cover above the vegetables nursery to avoid poor germination due to low temperature.
 - ❖ To control leaf eating caterpillar and fruit borer in winter vegetables like Brinjal, Cauliflower, Cabbage, Chilly & tomato spray 0.5 g Emamectin benzoate or 0.4 ml Spinosad per liter of water.
- PADDY:** If 'Rodent/Rats' problem is noticed, locate the rodent burrow in the crop field and surrounding areas. Place Aluminium Phosphide 6% tablet @ One tablet (12 gm) per burrow and seal the burrow with mud which will kill the rodents.
- BLACKGRAM AND GREENGRAM:** There is a chance of powdery mildew disease in Black gram and Green gram. To control this disease, spray Sulphur 80% WP @800 g/acre or Hexaconazole 5% E.C @ 300 ml/acre.
- GROUNDNUT:** To control Tobacco Caterpillar, Collect and destroy egg mass and caterpillar of the pest. Monitor the emergence of adult moths by setting up Pheromone traps having Spodo lure @ 6-8 nos/acre. Check the migration of caterpillars by dusting with Chlorpyrifos 1.5 % D @ 10 kg around the field. Spray Novaluron 5.25 %+ Indoxacarb 4.25 % @ 400 ml/acre or Lambda Cyhalothrin 4.9 CS @ 300 ml or Flubendiamide 20 % WG @ 120 g. For spraying of insecticides 200 litre of water per acre is required.
- ONION:** To prevent Damping off disease in nursery, drench the nursery bed with Carbendazim @ 2 g/litre of water at 15 days interval. Seedlings of 8-weeks old are planted in the main field.
- CABBAGE & CAULIFLOWER:** To manage Diamond Back Moth pest install 6-8 no.s of light traps per acre. During primary stage of pest infestation spray neem-based pesticide (Azadirachtin) 300 PPM @ 1-litre/acre by mixing in 200-litre of water. Spray Tolfenpyrad 15 % EC @ 400-ml/acre or Flubendiamide 20 % WG @ 20-gram/acre or Emamectin Benzoate 5 % SG @ @80-gram/acre by mixing in 200-litre of water.
- TOMATO:** Use yellow sticky traps @ 8-10/acre to attract and kill the whitefly. During primary stage of pest infestation spray neem-based pesticide (Azadirachtin) 1500 PPM @ 600 ml/acre by mixing in 200 litre of water. Spray Thiamethoxam 25 % WG @ 40 g/acre or Pyriproxifen 10% EC @ 200 ml/acre or Spiromesifen 22.9% SC @ 250 ml/acre by mixing in 200 litre of water.
- CHILLI:** For controlling aphids and thrips in chilli during primary stage of pest infestation spray neem-based pesticide 1500 PPM @ 600 ml/acre by mixing in 200-litre of water. To manage these pests chemically spray Thiamethoxam 25 % WG @ 40 g/acre Acetamiprid 20% S.P. @ 50 g/acre or Profenophos 40 % + Fenpyroximate 2.5 % EC @ 400 ml/acre.
- POINTED GOURD:** To control downy mildew in Pointed gourd, Spray Metalaxyl 8% + Mancozeb 64% W.P @ 400 g/acre or Fosetyl -AL 80 % WP @ 600 g/acre.
- ANIMAL HUSBANDRY:** In winter during cold hours farmers should keep doors, windows and open spaces in cow sheds covered with polythene or gunny bag curtains to prevent direct contact to cold air.

Approved by Associate Director of Research
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For better agricultural benefits use, OUAT KALINGA products (Seedlings, Saplings & QPM, Tissue Culture Plants, Fruits & Vegetables, Value Added Products, Fingerlings/ Yearlings, Poultry chicks, Breeds, Mushroom & Spawn, Bio-Fertilizer, Bio-Pesticides, Vermi & VermiCompost and Farm Implements).

IMD Weather forecast and Agro-meteorological advisory of Odisha location is now available on Meghdoot mobile app in English and Odia language