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Week No.16

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(FRIDAY)

DISTRICT: DHENKANAL (Mid-central Table Land Zone)

Weather condition during last week (13.04.2024 to 19.04.2024)

Rainfall (mm)	0.0
Maximum Temperature (°C)	31.4-42.4
Minimum Temperature (°C)	20.9-26.3

Forecast (Up to 24.04.2024) given by Met. Centre, IMD, Bhubaneswar

Date	Rainfall (mm)	T-MAX (oC)	T-MIN (oC)	Cloud Cover	Rh Max (%)	Rh Min (%)	Wind speed (kmph)	Wind Direction (deg)
20-04-2024	0	43	25	0	77	10	10	158
21-04-2024	0	43	26	1	79	15	11	162
22-04-2024	2	41	25	6	74	14	11	162
23-04-2024	0	39	24	7	31	11	12	326
24-04-2024	5	38	24	6	51	16	11	202

As per IMD forecast, the Dhenkanal district is likely received very light to light rainfall on Monday and Wednesday and dry weather on other 3days. The sky will remain clear to generally cloudy. The wind speed is likely to remain 10-12 km/h. The maximum and minimum temperature will likely to decrease during next five days. The maximum RH will remain between 31% to 79% and minimum RH between 10% to 16% during next five days.

Agromet Advisory

General Advisory:

- ❖ Farmers are advised to frequently irrigate the crops like sugarcane, summer maize, pulses and vegetables to avoid high temperature stress.
- ❖ Resort to drip and sprinkler irrigation practices wherever possible in the event of limited water availability particularly for commercial crops including fruit orchards and widely spaced vegetables. Sprinkler irrigation brings down the heat effect. For row crops alternate rows may be irrigated.
- ❖ Apply mulches to maintain high moisture status in the soil. Use straw, dry leaves and saw dust for mulching.

Crop	Stage	Agromet Advisory
PADDY (Summer)	Soft Dough/ Hard Dough	<ul style="list-style-type: none"> • In view of prevailing heat wave condition, provide irrigation during critical growth stages of Paddy. • High variation of temperature between day and night leads to infestation of Neck Blast disease. For managing neck blast disease in paddy spray Hexaconazole 5% E.C. @ 200-ml/acre or Azoxystrobin 18.2% w/w + Difenconazole 11.4 % w/w SC @ 200-ml/acre or Tebuconazole 50% + Trifloxystrobin 25% WG 80-gram/acre.
SUGARCANE	Vegetative	Irrigate the crop at 7-10 days interval in the hot summer depending on the soil texture. The critical period for irrigation is between 45-75 days of planting. Irrigate the crop till the onset of monsoon.

MANGO	fruiting	To protect the mango plant from heat wave, Increase the frequency of irrigation. Mulch the plant basin with dried leaves.
BANANA	Vegetative to fruiting	To protect the Banana plant from heatwave, Mulch the plant basin with dried leaves. Increase the frequency of irrigation. Cover the developing bunches with banana leaves. Harvest the bunches either in the morning or in the evening.
VEGETABLES (Brinjal, Tomato, Chilli and cucurbits)	Flowering to Fruiting	To protect the vegetables from heat wave, Increase the frequency of irrigation. Make arrangement for covering with shade net. Cover the freshly prepared vegetable nursery with polythene or with straw to avoid high temperature.
ANIMAL HUSBANDRY:		<ul style="list-style-type: none"> • For protection against scorching heat, Provide clean and sufficient water to the cattle. • Allow them for grazing either in morning or in afternoon hour. • Do bathing twice a day. • Place wet gunny bags on the windows and doors during day time. Use fans for well ventilation. • Feed less in the morning and more in the evening.
POULTRY:		<ul style="list-style-type: none"> • For protection against scorching heat, provides shade by covering the mat on the poultry house. • Sprinkle water to the shed at regular intervals to control high temperature. <p>Provide clean and adequate water to the poultry.</p>

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

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