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Week No.17

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(TUESDAY)

DISTRICT: DHENKANAL (Mid-central Table Land Zone)

Weather condition during last week (17.04.2024 to 23.04.2024)

Rainfall (mm)	0.0
Maximum Temperature (°C)	40.5-43.7
Minimum Temperature (°C)	24.0-28.1

Forecast (Up to 28.04.2024) 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)
24-04-2024	2	39	26	6	44	15	10	180
25-04-2024	0	40	27	2	33	15	11	257
26-04-2024	0	41	26	1	65	11	11	180
27-04-2024	0	42	26	1	56	10	11	292
28-04-2024	0	42	26	2	42	11	12	290

As per IMD forecast, the Dhenkanal district is likely received very light rainfall on Wednesday and dry weather thereafter. The sky will remain mainly cloudy to generally cloudy. The wind speed is likely to remain 10-12 km/h. The maximum temperature will likely to increase gradually 39 to 42 °C and minimum temperature will likely to remain as 26 °C from next five days except 27 °C on Thursday. The maximum RH will remain between 33% to 65% and minimum RH between 10% to 15% during next five days.

Agromet Advisory

General Advisory:

- ❖ Initiate summer ploughing in the paddy fields with the availability of soil moisture.
- ❖ Harvest the rice crop at physiological maturity (85% grains matured in a panicle) and looks pale yellow in colour. It will minimize loss due to shattering of grains in summer paddy.
- ❖ After harvesting of Pulses and Oilseeds crop dry the seeds until the optimum moisture content is attained. Clean the entire surface where the storage is to be done.

Crop	Stage	Agromet Advisory
PADDY (Summer)	Soft Dough/ Hard Dough	<ul style="list-style-type: none"> • To control panicle mite in paddy spray Diafenthiuran @ 400 g/acre or Spiromesifen @ 200 ml/ac or Fenpyroximate @ 400 ml/ac with 200 litres of water. • In case of ear cutting caterpillar incidence in paddy, spray Quinalphos 25EC @ 400 ml/acre or Chlorpyriphos 20EC @ 500ml/acre in 200 litres of water. It should be applied in the morning hour to the base of the crop.
SUGARCANE	Vegetative	To prevent Whip smut disease the setts should be treated

		Initially the smutted whips should be collected and burnt at a distance. To control this disease spray 200 g of Triadimefon or 600g of combined fungicide of Carboxin and Thiram per acre.
OKRA	Fructing	To manage Shoot and fruit borer pest , remove the affected terminal shoot showing bore holes and the affected fruits. To manage the pest biologically spray Bacillus thuringiensis var. Kurstaki 5 % WP @ 400 g/acre. To manage the pest chemically spray Emamectin Benzoate 5% SG @ 80 g/ acre or Chlorantraniliprole 18.5 % SC @80 ml/acre or Pyridalyl 10% EC @ 300 ml/acre by mixing in 200 litre of water.
CUCURBITS:	Flowering to Fructing	To manage Fruit fly in cucurbits, prepare a poison bait by mixing 400 g of Jaggery and 8 ml Malathion or DDVP in 4 litre of water. Keep this mixture in Plastic cups or clay pots @80 nos/acre. The fruit flies will be attracted to this and eventually get killed by falling into the poison baits.
BRINJAL	Flowering to Fructing	To prevent Brinjal shoot and fruit borer pest, remove the affected terminal shoot showing bore holes and the affected fruit and install 20 nos. of pheromone trap having Leucin Lure per acre. During primary stage of pest infestation spray neem-based pesticide (Azadirachtin) 1500 PPM @ 600 ml/acre by mixing in 200 litre of water. If there is 4% withering of terminal shoot or 14% fruits infested with borers, spray Spinosad 45 % SC @ 75 ml/acre or Emamectin Benzoate 5% SG @ 80 g/ acre. Do not repeat the same insecticide. Use any of the above insecticides alternately at 15 days interval.
COCONUT:		To manage Black headed caterpillar in coconut, install Bracon card in the frond of the plant. Cut the affected leaves and burn it. Spray Chlorantraniliprole 18.5 % SC@ 4 ml/ 10litre of water or Emamectin Benzoate 5 % SG @ 4g/10 litre of water.

Approved by ADR cum Nodal Officer
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