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INDIA METEOROLOGICAL DEPARTMENT
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Week No.15

Bulletin No.29
Dt. 09.04.2024
(TUESDAY)

DISTRICT: DHENKANAL (Mid-central Table Land Zone)

Weather condition during last week (03.04.2024 to 09.04.2024)

Rainfall (mm)	18.3
Maximum Temperature (°C)	31.6-41.7
Minimum Temperature (°C)	20.8-26.8

Forecast (Up to 15.04.2024) 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)
10-04-2024	2	34	22	5	48	16	10	180
11-04-2024	1	35	24	4	54	25	8	120
12-04-2024	0	36	25	3	58	33	5	200
13-04-2024	0	37	26	2	70	26	7	154
15-04-2024	0	37	26	2	53	17	7	161

As per IMD forecast, very light rainfall is expected on Wednesday and Thursday except dry weather is expected on Friday, Saturday and Sunday in Dhenkanal district. The sky will remain generally cloudy on Wednesday except partly cloudy on Thursday and Friday and mainly cloudy on Saturday and Sunday. The wind speed is likely to remain 05-10 km/h. The maximum temperature will increase from 34-37°C and minimum temperature will increase from 22-26°C during next five days. The maximum RH will remain between 48% to 70% and minimum RH between 16% to 33% during next five days.

Agromet Advisory

General Advisory:

- ❖ Initiate summer ploughing with the availability of soil moisture.
- ❖ Harvest the matured Green gram, Black gram and Groundnut crop.
- ❖ After harvesting of Green gram, Black gram and Groundnut, dry the seeds until the optimum moisture content is attained. Clean the entire surface where the storage is to be done.

PADDY (Summer):

Neck Blast - High variation of temperature between day and night leads to infestation of Neck Blast disease. To control blast disease spray Hexaconazole 5 % SC @ 400 ml/acre or Azoxystrobin 18.2% + Difenconazole 11.4 % S.C @ 200ml/acre or Tebuconazole 50%+ Trifloxystrobin 25 % WG @ 80 gram/acre.

Panicle Mites-To control panicle mite in paddy spray Diafenthuran @ 400 g/acre or Abamectin @ 200 ml/ac or Fenpyroximate @ 400 ml/ac with 200 litres of water.

SUGARCANE:

In case of early shoot borer infestation in sugarcane crop, collect and destroy the egg masses manually. In furrow, apply Fipronil 0.3% GR @ 10 kg/acre at the time of first earthing up. In case of severe infestation spray Fipronil 5 % SC @ 600 ml/acre or Profenophos 50% EC @ 400ml/acre by mixing it in 200 litre of water.

CUCURBITS:

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

TOMATO:

To manage whiteflies pest in Tomato, use yellow sticky traps @ 8-10/acre to attract and kill the insects. 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 by mixing in 200- litre of water.

CHILLI:

To control infestation of mites in chilli spray Propargite 57% EC @ 600 ml/acre or Spiromesifen 22.9% SC @ 160 ml/acre or Diafenthiuron 50% WP @ 250 g/acre.

BRINJAL:

Little leaf of Brinjal disease is a mycoplasma disease which is transmitted by leaf hopper in brinjal. To manage little leaf in brinjal first remove and destroy the infected plant. To control the vector of the disease spray Thiamethoxam 25 % WG @ 40 g/acre or Flonicamid 50% WG @ 60 g/acre or Dinotefuran 20 % SG @ 80 g/acre.

OKRA:

To control **YMV disease** whitefly management should be done. Diseased plants should be rogued out to prevent further spread of the disease. To manage whitefly infestation at early stage of crop spray Neem based pesticide 1500 PPM @ 600 ml/acre by mixing in 200 litre of water. If the infestation is severe than go for chemical pesticide like Thiamethoxam @ 40-gram/acre or Acetamiprid @ 50 g /acre by mixing in 200 litre of water.

Approved by ADR cum Nodal Officer
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