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Week No.11

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(FRIDAY)

DISTRICT: DHENKANAL (Mid-central Table Land Zone)

Weather condition during last week (09.03.2024 to 15.03.2024)

Rainfall (mm)	0.0
Maximum Temperature (°C)	29.8-37.7
Minimum Temperature (°C)	18.8-26.1

Forecast (Up to 20.03.2024) 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)
16-03-2024	4	37	24	4	94	13	10	120
17-03-2024	2	36	24	5	75	23	11	158
18-03-2024	5	36	25	4	73	31	8	165
19-03-2024	10	33	25	6	66	26	8	289
20-03-2024	20	31	20	7	71	22	8	158

As per IMD forecast, very light to moderate rainfall is expected in Dhenkanal district during next five days. The sky will remain partly to generally cloudy. The wind speed is likely to remain 08-11 km/h. The maximum temperature is likely to remain between 31-37°C and minimum temperature between 20-24°C. The maximum RH will remain between 66% to 94% and minimum RH between 13% to 31% during next five days.

Agromet Advisory

General Advisory:

- ❖ Withheld sowing, spraying of pesticide and irrigation activities for some days as there is a chance of rainfall or thundershower.
- ❖ Provide mechanical support to cucurbits.
- ❖ Harvest the mature vegetables immediately.
- ❖ Complete the sowing of summer vegetables like cucurbits after the subsequent week to utilize the soil moisture effectively.

PADDY (Summer):

- ❖ Present weather congenial for Blast disease in paddy. 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.
- ❖ There is a chance of Bacterial Leaf Blight disease in paddy due to cloudy weather condition. To control this, remove the weeds and keep the field clean. Avoid excess use of “Nitrogenous” Fertilizer. Apply MOP @ 6-8kg/acre. Spray Copper Hydroxide 53.8% DF @ 600g/acre or 200g Plantomycin along with CopperOxy Chloride 50% WP @ 600g/acre.

SUGARCANE:

Top dressing with Urea @ 60-kg per acre each at 45, 75 and 105 days after planting should be done. Apply the rest 20 kg of MOP at the time of the third top dressing with Urea. Do not apply Urea after 120 days after planting as late application delayed maturity, reduces sucrose content and the total cane yield.

CHILLI AND BRINJAL:

After rainfall there are chances of wilt disease in brinjal and chilli crop. To manage wilt disease in brinjal and chilli first uproot affected plants and destroy it away from the field. Drench the root zone of the plant with 200-ml of Tebuconazole mixed with 20-gram of Streptocycline per acre. Use 200-litre of water per acre for spraying.

OKRA:

There are chances of sucking pest like aphids, Jassids, thrips and whiteflies in Okra. To manage these pests at early stage of infestation spray neem-based pesticide (Neem Oil) 1500 PPM @600 ml/acre by mixing it in 200 litre of water. Then spray Thiamethoxam 25 % WG @ 40 g/acre or Acetamiprid 20 % SP @ 50 g/acre or Tolfenpyrad 15 % EC @ 400ml/acre by mixing it in 200 litre of water.

POINTED GOURD:

Pointed gourd is at flowering and fruiting stage. Don't go for weeding. Grasses and weeds will help in maintaining the humidity and it is safe for creeping of the vines and does not allow the fruit to come in contact with soil and avoid fruit rot. High temperature leads to fungal wilting in pointed gourd, spray 1.5 ml Carbendazim in 1 litre water.

CUCURBITS:

After cessation of rain, downy mildew disease will appear in cucurbits. To control it, go for alternate spray of Metalaxyl+Mancozeb @ 2g /litre and Azoxystrobin+Tebuconazole @0.6g/litre of water at 10 days interval.

Approved by ADR cum Nodal Officer
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