



Gramin Krishi Mausam Sewa
INDIA METEOROLOGICAL DEPARTMENT
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Mahisapat, Dhenkanal- 759 013



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Week No.13

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(TUESDAY)

DISTRICT: DHENKANAL (Mid-central Table Land Zone)

Weather condition during last week (20.03.2024 to 26.03.2024)

Rainfall (mm)	49.6
Maximum Temperature (°C)	18.8-37.0
Minimum Temperature (°C)	16.1-24.5

Forecast (Up to 31.03.2024) 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)
27-03-2024	0	36	22	0	64	20	12	171
28-03-2024	0	36	22	0	73	16	11	171
29-03-2024	0	37	23	0	69	15	11	158
30-03-2024	0	37	23	4	73	17	12	163
31-03-2024	0	37	23	6	71	19	12	165

As per IMD forecast, dry weather is expected in Dhenkanal district during next five days. The sky will remain clear to generally cloudy. The wind speed is likely to remain 11-12 km/h. The maximum temperature is likely to remain between 36-37°C and minimum temperature between 22-23°C. The maximum RH will remain between 64% to 73% and minimum RH between 15% to 20% during next five days.

Agromet Advisory

General Advisory:

- ❖ Complete the sowing of summer vegetables like cucurbits after the subsequent week to utilize the soil moisture effectively.
- ❖ There are chances of incidence of both fungal and bacterial diseases like leaf blight, wilt, and rot in different standing crops. To manage these diseases, spray Metalaxyl+ Mancozeb @ 2g/litre of water or Carbendazim+ Mancozeb @ 2gr/litre of water along with Plantomycin @ 1g/ litre of water.

PADDY (Summer):

- ❖ If bacterial Leaf blight disease incidence seen then drain out water from the paddy field. 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.
- ❖ Prevailing weather conditions are congenial for Leaf folder pest incidence in Paddy. To control Leaf Folder spray Fipronil 5% SC@ 400-ml/acre or Profenophos 50% EC @ 400-ml/acre or Chlorantraniliprole 18.5% SC @ 60-ml /acre.

SUGARCANE:

In case of severe infestation spray Fipronil 5 % SC @ 600ml/acre or Profenophos 50% EC @ 400ml/acre or Chlorantraniliprole 18.5 % SC @ 150-ml/acre by mixing it in 200-litre of water.

GROUNDNUT:

- ❖ There is a chance of Tobacco caterpillar in Grountnut. To control this spray Profenophos 50% EC @ 400 ml/acre or Flubendiamide 480 SC @ 40 ml/acre with 200 litre of water.
- ❖ To control Tikka diseases spray Chlorothalonil 75% WP @ 400 g/ acre or Mancozeb 75% WP @ 600 g/acre or Hexaconazole 5% E.C @ 300 ml/acre

GREEN GRAM:

To control powdery mildew disease in Greengram crop spray Hexaconazole 5% E.C @ 300 ml/acre or Propiconazole 25% EC @ 200 ml/acre or Penconazole 10% EC @ 100 ml/acre by mixing in 200 litre of water.

TOMATO AND BRINJAL:

After rainfall there are chances of wilt disease in brinjal and Tomato 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.

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.

MANGO:

To control mango hoppers spray Imidacloprid 17.8% SL @ 5 ml/15 litre of water or Thiamethoxam 25% W.G @ 3ml/15litre of water or Acetamiprid 20% S.P. @ 4g /15litre of water. Application of smoke below the plants can also help in reducing the pest population.

BANANA:

To control sigatoka leaf spot disease spray carbendazim @10g /10 litre of water or chlorothalonil @30g /10 litre of water for two to three times in one month interval.

Approved by ADR cum Nodal Officer
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