



Gramin Krishi Mausam Sewa
INDIA METEOROLOGICAL DEPARTMENT
ODISHA UNIVERSITY OF AGRICULTURE & TECHNOLOGY
Mahisapat, Dhenkanal- 759 013



Deepanjali Dugal,
Jr. Agrometeorologist

Week No.07

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(TUESDAY)

DISTRICT: DHENKANAL (Mid-central Table Land Zone)

Weather condition during last week (07.02.2024 to 13.02.2024)

Rainfall (mm)	0.0
Maximum Temperature (°C)	27.2-34.0
Minimum Temperature (°C)	13.8-23.4

Forecast (Up to 18.02.2024) 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)
14-02-2024	0	31	20	3	87	25	10	158
15-02-2024	0	30	21	4	85	22	8	150
16-02-2024	10	29	21	8	85	21	6	150
17-02-2024	2	29	18	6	72	23	7	180
18-02-2024	0	29	17	4	85	21	7	144

As per IMD forecast, the Dhenkanal district is likely to receive very light to light rainfall on Friday and Saturday and dry weather on other days with partly cloudy to overcast sky. The wind speed is likely to remain 06-10 km/h. The maximum temperature is likely to remain between 29-31°C and minimum temperature between 17-21°C. The maximum RH will remain between 72% to 87% and minimum RH between 21% to 25% for the next five days.

Agromet Advisory

General Advisory:

- ❖ In view of rainfall forecast withheld application of fertilizer, pesticide and irrigation activity for time being.
- ❖ If infestation of Thrips is noticed in rice, spray Azadirachtin 0.15% neem seed kernel based EC formulation @ 800 ml/acre or Lambda-cyhalothrin 5 % EC @ 200 ml/acre or Thiamethoxam 25 % WG @ 40g /acre.

PADDY (Summer):

If only broad leaf weeds and sedges are dominant in the field spray ready mix Metsulfuron methyl 10%+ Chlorimuronethyl 10% WP @ 8 g /acre at 20-25 DAT by mixing in 200 litre of water.

SUGARCANE:

After harvesting of Sugarcane, to protect the cane hips from termite attack, spray Bifenthrin @ 30 ml in 15 liter of water.

RED GRAM:

To manage pod borer pests at early stage of infestation spray neem-based pesticide (Neem Oil 1500 PPM) @ 600ml/acre by mixing in 200litre of water. After 7-10 days, spray Bacillus thuringensis @ 400g/acre by mixing in 200litre of water. For chemical control, spray Chlorpyrifos 50 % + Cypermethrin 5%EC @ 400ml/acre or Profenophos 50%EC @ 400 ml/acre or Emamectin benzoate 5%SG @ 90g/acre by mixing in 200litre of water.

GROUNDNUT:

To manage Thrips during primary stage of pest infestation spray Neem Based Pesticide (Azadirachtin) 1500 PPM @ 600 ml/acre. To manage chemically spray Thiamethoxam 25% W.G @ 40 g/acre or Acetamiprid 20% S.P. @ 50 g/acre or Imidacloprid 17.8% SL @ 60ml/acre by mixing in 200 litres of water.

COWPEA:

To manage sucking pest at early stage of infestation spray neem-based pesticide (Neem Oil 1500 PPM @600ml/acre by mixing it in 200-litre of water. To manage these sucking pests chemically spray Thiamethoxam 25 % WG @ 40g/acre or Acetamiprid 20 % SP @ 50g/acre or Fenobucarb @ 400-ml/acre or Tolfenpyrad 15 % EC @ 400ml/acre by mixing it in 200-litre of water.

CUCURBITS:

To manage Epilachna Beetle, spray neem-based pesticide (Neem Oil 1500 PPM) Azadiractin @ 600 ml/acre of water at early stage of infestation. To manage Epilachna Beetle chemically spray Chlorpyrifos 20 % EC @ 400ml/acre or Profenophos 50 % EC @400ml/acre by mixing with 200 litre of water.

POTATO:

The main crop is ready for harvest within 75-85 days of planting depending upon the soil type and variety sown. The crop is ready to harvest when majority of the leaves turn yellowish brown. Irrigation should be stopped 15 days before harvesting. Keep the harvested tubers in shed for 48 hours. All damaged and rotten tubers should be removed.

MANGO:

Prevailing weather conditions are congenial for Mealy bug incidence in mango. To control mealy bug, Spray Dimethoate 30 EC @ 2 ml/liter of water during February- March as per requirements.

WATERMELON:

Present weather condition favourable for watermelon cultivation. Use improved varieties like Sugar baby, Arka manik, Lalsona and hybrid varieties like Madhuri, Maya, Sweet Ruby, Black magic and Sugar pack. For 1 acre planting 400-800 gram of seed is required. Treat the seed with carbendazim @ 1g / kg of seed.

FISHERY:

Small white rash appear on the body of fish and feels rough to hand are the symptoms of white spot disease in fish. Excessive mucus secret from fish body. To treat this disease in fish bath affected fish for 5 minutes in the 200 litre water which is mix with 500gram of salt, then release to the pond. This procedure continues for 7-10 days.

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

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