



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



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Week No.05

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(TUESDAY)

DISTRICT: DHENKANAL (Mid-central Table Land Zone)

Weather condition during last week (24.01.2024 to 30.01.2024)

Rainfall (mm)	16.8
Maximum Temperature (°C)	20.9-28.4
Minimum Temperature (°C)	12.9-17.5

Forecast (Up to 04.02.2024) 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)
31-01-2024	0	28	17	2	91	27	8	160
01-02-2024	0	29	18	3	90	27	10	160
02-02-2024	2	27	18	6	94	30	11	163
03-02-2024	0	27	17	2	58	21	10	292
04-02-2024	0	28	17	0	86	20	7	300

As per IMD forecast, the Dhenkanal district is likely to dry for the next four days except very light rainfall on Friday with clear to generally cloudy sky. The wind speed is likely to remain 07-11 km/h. The maximum temperature is likely to remain between 27-29°C and minimum temperature between 17-18°C. The maximum RH will remain between 58% to 94% and minimum RH between 20% to 30% for the next five days.

Agromet Advisory

General Advisory:

- ❖ In just transplanted Paddy field put 3 pheromone traps with 5mg lure/acre in the rice field for monitoring of the yellow stem borer and leaf folder.
- ❖ Complete the transplanting of Paddy 3-5 week old seedlings in well puddled soil at a spacing of 15cm × 15cm with 3-4 seedlings per hill at shallow depth.
- ❖ In bacterial blight endemic areas, dip the Rice seedling roots in 0.1% (1g in one litre of water) Plantomycin solution before transplanting for 30 minutes.

PADDY:

In transplanted paddy to control grasses, sedges and broad leaf weeds farmers are advised to spray, Bispyribac Sodium 10% E.C. @ 100 ml/acre or Ethoxysulfuron 15% WDG @ 40 g/acre or ready mix Metsulfuron methyl 10%+ Chlorimuron ethyl 10% WP @ 8 g /acre at 3 to 4 leaf stage by mixing in 200 litre of water.

SUGARCANE:

For ratoon cropping, harvesting of canes should be done below one inch of ground level to avoid sprouting of upper buds.

BLACK GRAM & GREEN GRAM:

To control Bihar hairy caterpillar in green gram and black gram crop spray Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 litre of water. Bihar Hairy Caterpillar are nocturnal so insecticide spray should be done at evening hours. Dusting of Chlorpyrifos 1.5% DP@ 10-kg/acre should be done across the bund.

GROUNDNUT:

To control Tikka disease spray Chlorothalonil 75% WP @ 400-gram/ acre or Mancozeb 75% WP @ 600 gram/acre or Hexaconazole 5% E.C @ 300ml/acre.

RRINIAT.

Little leaf of Brinjal is a mycoplasma disease which is transmitted by leaf hopper. To manage this, first remove and destroy the infected plant. To manage the vector of the disease spray Thiamethoxam 25 % WG @ 50 g/acre or Flonicamid 50% WG @ 60 g/acre.

POTATO:

To control cut worm in potato crop spray Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 litre of water. Cut Worm pest are nocturnal so insecticide spray should be done at evening hours. Dusting of Chlorpyrifos 1.5% DP@ 10-kg/acre should be done across the bund.

ONION:

To manage purple blotch and Stemphylium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenconazole 25% E.C @ 200ml/acre or Tebuconazole 25.9% E.C @ 100ml/acre by mixing in 200 litre of water at 15 days interval. Add a spreader or sticker for retention and spread of spray fluid on erect leaves of onion.

MANGO:

The mango hoppers multiply rapidly in cloudy and foggy weather. To manage mango hoppers spray Imidacloprid 17.8% SL @ 5ml/15litre of water or Thiamethoxam 25% W.G @ 3ml/15litre of water or Acetamiprid 20% S.P. @ 4g/15litre of water. First spray should be done at the time of panicle emergence and second spray two weeks after first spray. Application of smoke below the plants can also help in reducing the pest population.

**Approved by ADR cum Nodal Officer
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