



Gramin Krishi Mausam Sewa
INDIA METEOROLOGICAL DEPARTMENT
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DISTRICT: DHENKANAL (Mid-central Table Land Zone)

Weather condition during last week (27.01.2024 to 02.02.2024)

Rainfall (mm)	0.0
Maximum Temperature (°C)	24.7-31.4
Minimum Temperature (°C)	12.9-20.9

Forecast (Up to 07.02.2024) 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)
03-02-2024	1	30	20	6	77	30	7	135
04-02-2024	0	30	20	1	96	27	6	90
05-02-2024	0	31	19	0	95	27	6	126
06-02-2024	0	30	20	2	96	33	9	158
07-02-2024	0	30	20	2	94	28	10	158

As per IMD forecast, the Dhenkanal district is likely to receive very light rainfall on Saturday then dry weather the next four days with clear to generally cloudy sky. The wind speed is likely to remain 06-10 km/h. The maximum temperature is likely to remain between 30-31°C and minimum temperature between 19-20°C. The maximum RH will remain between 77% to 96% and minimum RH between 27% to 33% for the next five days.

Agromet Advisory

General Advisory:

- ❖ Rabi season crop needs 10-15 irrigations at 7-10 days interval depending upon the soil moisture condition.
- ❖ Groundnut crop is flowering stage apply Gypsum 200 kg per acre.
- ❖ In onion crop, go for inter culture and hand weeding at 15-20 DAT. Apply 30kg of urea and 15kg of MOP fertilizer at this stage.

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:

Sugarcane crop is at harvesting stage. 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.

CAULIFLOWER AND CABBAGE:

There are chances of infestation of Diamond Back Moth in late planted Cole crops. To manage this pest, install 5 nos of light traps per acre. During primary stage of pest infestation spray *Bacillus thuringiensis* @ 2 g/lit and add few drops of Robbin blue liquid detergent in the sprayer. To manage this pest chemically spray Tolfenpyrad 15 % EC @ 400ml/acre or Flubendiamide 20 % WG @ 20g/acre or Emamectin Benzoate 5 % SG @80g/acre by mixing in 200litre of water.

BRINJAL:

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.

ANIMAL HUSBANDRY:

For countering Foot and mouth diseases of cattle, care should be taken for FMD vaccination once in a year.

POULTRY:

Sleeping disease of poultry has been found. Vaccinate the chicks with Lasota at 7 days and with IBD vaccines within 13-15 days.

Approved by ADR cum Nodal Officer
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