



Agromet Advisory Services

REGIONAL RESEARCH AND TECHNOLOGY TRANSFER STATION, KENDUJHAR

Week no -03

Date- 19.01.2024

Bulletin for Kendujhar district of North Central Plateau Agroclimatic Zone.

The mean weekly maximum and minimum temperature at Kendujhar was 26.0 °C and 12.8 °C respectively with 2.9 rainfall during the last week.

Weather Forecast (up to 24.01.2024)

There is likely to be **very light to light rainfall** during the next five days. The wind speed may remain within 6 kmph. The maximum and minimum temperature will remain within 20-25 °C and 16-17 °C during the next five days.

	Date	Rainfall (mm)	T-MAX (C)	T-MIN (C)	Cloud Cover	Rh Max (%)	Rh Min (%)	Wind speed (kmph)	Wind Direction (deg)
KENDUJHARGARH	20-01-2024	4	20	16	7	85	44	6	70
	21-01-2024	0	24	16	5	91	47	6	126
	22-01-2024	2	25	17	4	94	50	6	105
	23-01-2024	5	25	17	4	94	44	6	112
	24-01-2024	10	24	17	6	92	51	6	165

General advisory: According to IMD, **cloudy weather** with **very light to light rainfall** over the Keonjhar district is forecasted.

- Postpone the spraying activities in the field for next 5-6 days.
- Make proper arrangements for water storage and bunds for proper drainage.
- Complete the sowing of all *rabi* crops.
- Monitor the field for diseases and pest.
- For managing the aphid population spraying with Imidachloprid or Acephate can be beneficial.
- Complete the hoeing and weeding process after drying of the field.

Mustard and Toria:

- For weed management, hand weeding or hoeing should be done.
- Top dressing of Urea at the flowering stage can be done.
- Mustard and Toria are in pod filling stage. Schedule the irrigation after the rainfall or if the field is dry.
- Alternaria leaf blight in Mustard and Toria can be managed by spraying fungicides such as Carbendazim + Mancozeb or Hexaconazole or Chlorothalonil @ 2 g/lit of water.
- Aphids in Mustard and Toria can be controlled by spraying Dimethoate 30% EC @ 2 ml/lit.

Linseed:

- Termite, cutworm and leaf miner can infest the crop and cause considerable damage.
- Use Chloropyrifos and neem extract containing Azadiractin 300 ppm can reduce the damage by Termite and leaf miner.
- Make the field weed free by hoeing or hand weeding.

Vegetables:

Cauliflower:

- Aphids in Cauliflower can be controlled by using light trap @ 25 nos./ha.
- Spray 5% Neem oil to control the aphid infestation.
- For severe infestation spray Thiomethoxam 25% W.G @ 80g or Acetamiprid 20% S.P @ 30g per acre in 200 lt of water.

Chilli:

- Symptoms of chilli thrips can be seen by leaf crinkles and upward curling. Spray Imidachloprid 17.8% SL @ 3 ml/10 lt of water or Emamectin benzoate 5% SG @ 4g/10 lt of water.

Brinjal:

- Spray Borax @ 35 mg/lt of water after 15 days of transplanting and at the time of full bloom to increase the yield.
- Hand weeding, top dressing and earthing up should be done 30 days after planting.
- For fruit and shoot borer management in brinjal, spray Emamectin benzoate @ 4 g/10lt of water.

Tomato:

- Make the field clean and remove the weeds.
- For managing fruit borer in tomato, spray Flubendiamide 5g/10 lt of water.
- Schedule the irrigation of the crop after the field is dry.

Cabbage:

- To control Cabbage head borer, apply Novaluron 10% EC @ 400 ml or Spinosad 2.5% SC @ 300ml or Emamectin benzoate 5% SG @ 100g in 200lt of water and spray on leaves.
- To control the aphid infestation in cabbage, spray Dimethoate 30% EC @ 6 ml/10 lt of water or Malathion 50% EC @ 1.5 ml/lt.

Flowers:

Marigold:

- 30 Days after planting terminal portion should be tipped or removed to encourage the branching.
- Mealy bug in marigold can be controlled by spraying Fish oil or resin soap @ 25 g/lt.
- In severe infestation, spray Dimethoate or Prophenophos @ 2 ml/lt.

Animal Husbandry:

- **Poultry:**
 - Vaccinate the poultry birds if not done earlier.
 - Make arrangement of heat bulbs in poultry during night to reduce the coldness.
- **Cow:**
 - Keep the cow shed clean and cover the shed to protect from the cold waves.

TECHNICAL OFFICER

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