



Agromet Advisory Services

REGIONAL RESEARCH AND TECHNOLOGY TRANSFER STATION, KENDUJHAR

Week no -08

Date- 20.02.2024

Bulletin for Kendujhar district of North Central Plateau Agroclimatic Zone.

The mean weekly maximum and minimum temperature at Kendujhar was 30.1 °C and 16.7 °C respectively with 2.0 mm rainfall during the last week.

Weather Forecast (up to 25.02.2024)

There is likely to be **no rainfall on 21st and 22nd February and light rainfall from 23rd to 25th February**. The wind speed may remain within 7-12 kmph. The maximum and minimum temperature will remain within 30-33 °C and 18-20 °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 | 21-02-2024 | 0 | 33 | 18 | 1 | 60 | 23 | 7 | 208 |
| | 22-02-2024 | 0 | 33 | 19 | 2 | 59 | 18 | 11 | 234 |
| | 23-02-2024 | 3 | 31 | 19 | 5 | 73 | 28 | 12 | 225 |
| | 24-02-2024 | 10 | 30 | 20 | 7 | 55 | 23 | 11 | 56 |
| | 25-02-2024 | 5 | 32 | 18 | 7 | 71 | 30 | 9 | 90 |

General advisory: According to IMD, **no to light rainfall** over the Keonjhar district is forecasted.

- Monitor the field for disease and pests regularly.
- Harvest the matured crops and store them in safe storage.
- Apply fertilizers and irrigate the field accordingly.
- If excess rainfall occurs, remove the water through proper drainage.

Linseed:

- Linseed are in flowering and pod formation stage.
- If top dressing of Urea is not done, apply fertilizer in flowering stage.
- Aphids in Linseed can be managed by spraying of Imidachlopid @ 2 g/lit of water

Mustard:

- One irrigation can be applied in flowering stage along with top dressing of Urea.
- Mustard are in flowering and pod filling stage.
- Carefully monitor the field for white rust.
- Aphids in Mustard and Toria can be controlled by spraying Dimethoate 30% EC @ 2 ml/lit.

Chickpea:

- Keep the field weed free.
- Irrigation can be done to avoid heat stress.
- If only one irrigation is available apply it in pod formation stage.
- To control powdery mildew disease in chickpea spray with Dithane- M 45 @ 2.5 g/lt of water.

Fruits:

- **Banana:**
- Irrigate the banana crop regularly.
- Make the surrounding of the plant weed free.
- **Yellow sigatoka** diseases in Banana can be managed by spraying Carbendazim and Propiconazole @ 0.1% in 10-15 days interval.
- **Papaya:**
- To manage Papaya ring spot virus, remove or rogue out the plants and burn it away from the field.
- Papaya leaf curl virus can be controlled by spraying Imidachloprid or Acephate @ 2g/lt of water.

Vegetables:

- **Cucurbits:**
- Spray neem oil @ 600 ml/acre to control red pumpkin beetle in cucurbits.
- Sulphur powder can be used to treat powdery mildew disease in cucurbits.
- **Onion:**
- To control cutworm in onion, drench the soil with Chloropyriphos @ 2 ml/lt of water.
- Spray Mancozeb or Copper oxychloride @ 2 g/lt of water to manage leaf spot in Onion.
- **Brinjal:**
- For fruit and shoot borer management in brinjal, spray Emamectin benzoate @ 4 g/10lt of water.
- **Little leaf in brinjal** can be controlled by spraying Methyl demeton 30 EC @ 1 ml/lt of water to control the vectors.
- **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.
- **Tomato:**
- Remove the disease affected leaves and twigs.
- Make the field clean and remove the weeds.
- For managing fruit borer in tomato, spray Flubendiamide 5g/10 lt of water.

- **Cauliflower:**
- Alternaria leaf spot can be managed by spraying Mancozeb 75% WP @ 600 g/acre.
- **Diamond back moth in cauliflower** can be managed by spraying Cartap hydrochloride @ 1 g/lit of water.
- Fall army worm or head borer can be controlled by spraying Emamectin benzoate 5% SG @ 4-5 g/10lt of water.
- Aphids in Cauliflower can be controlled by spraying Thiomethoxam 25% W.G @ 80g or Acetamiprid 20% S.P @ 30g per acre in 200 lt of water.

Flowers:

- **Marigold:**
- Pluck the flowers regularly and sell it in the market for fetching good return.
- Irrigate the crop regularly.
- Mealy bug in marigold can be controlled by spraying Fish oil or resin soap @ 25 g/lit.
- In severe infestation, spray Dimethoate or Prophenophos @ 2 ml/lit.

Animal Husbandry:

- **Poultry:**
- Vaccinate the poultry birds within the first week with Lasota and administer IBT within first two weeks.
- Clean drinking water should be provided regularly to the poultry birds.

TECHNICAL OFFICER

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