



Agromet Advisory Services

REGIONAL RESEARCH AND TECHNOLOGY TRANSFER STATION, KENDUJHAR

Week no -01

Date- 02.01.2026

Bulletin for Keonjhar district of North Central Plateau Agroclimatic Zone.

The mean weekly maximum and minimum temperature at Keonjhar was 26.7 °C and 9.5 °C respectively with no rainfall during the last week.

	Date	Rainfall (mm)	T-MAX (C)	T-MIN (C)	Cloud Cover	Rh Max (%)	Rh Min (%)	Wind speed (kmph)	Wind Direction (deg)
Keonjhar	2026-01-03	0	28	11	2	72	31	4	349
	2026-01-04	0	28	12	2	73	35	4	90
	2026-01-05	0	28	12	2	78	36	4	9
	2026-01-06	0	27	11	1	78	34	5	90
	2026-01-07	0	26	10	1	74	29	5	4

Weather Summary/Alert:

As per the forecast issued by India Meteorological Department, during the next 5 days there is possibility of **no rainfall** in Keonjhar district. The sky will remain mainly clear. The wind speed may remain within 4-5 Kmph. The maximum and minimum temperature will remain within 26-28 °C and 10-12 °C during the next five days.

Warnings:

- The dipping temperature will prevail associated with fog condition over the district.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories:

- Due to the low temperature, flowering and fruit set might get delayed. The foggy weather with moisture may attract insect pest infestation. Provide smoke/ fire followed by light irrigation to avoid chilling injury.

General Advisory:

- The current weather will favour the infestation of sucking pests in the field.
- Aphids, thrips and whitefly infestation may be seen in the field. Spray Imidachloprid 17.8% SL @ 1 ml/lit to reduce the infestation.
- Mulching in vegetable production will help to cope cold as well as weed issues.
- Remove weeds and if possible, provide irrigation as and when required.

SMS Advisory:

- Use nemastra and brahmastra instead of chemical pesticides.

Crop Specific Advisory:

Crop	Stage(s) of Crop	Crop Specific Advisory
Field crops:		
Linseed	Vegetative	<ul style="list-style-type: none"> • Maintain plant population by thinning and rouging excess plants. • Remove weeds and provide irrigation. • Application of vermicompost can be done (for smaller areas). • Take out the wilted plants and watch for diseases and pests.
Chickpea	Flowering	<ul style="list-style-type: none"> • Spray Metalaxyl + Mancozeb (Ridomil MZ) @ 30g/15 lt to control the root rot of plants due to fungal infection. • Alternaria blight disease may also seen in the field due to moisture present in the atmosphere. Spraying of Carbendazim or Mancozeb @ 1 gm/lt can be helpful to reduce the infestation. • If soil is dry, application of irrigation can be helpful in this low temperature.
Mustard/ Torja	Flowering/ siliqua formation	<ul style="list-style-type: none"> • Maintain plant population by thinning process and the current weather is favourable to sucking pests for infestation. • It is advised to farmers for spraying Emamectin benzoate 4% SG @ 4-5g/10lt of water to reduce the infestation of Fall army worm (FAW). • Farmers can also go for spraying Azadiractin 1500 PPM @ 2.5lt/ha or Chlorantranilipole 18.5 SC @ 80 ml/acre. • For managing aphid population on the crop spray Imidachloprid 17.8% SL @ 1ml/lt or Dimethoate @ 1-2 ml/lt.
Vegetables:		

Brinjal	Vegetative	<ul style="list-style-type: none"> • Alternaria leaf spot may be seen in the field due to the prevailing weather. To manage the same, spray Carbendazim @ 1 g/lit on the leaves during evening hours in the early morning. • To control the leaf eating caterpillar, spray 0.5 g Emamectin benzoate in 1lt of water to control it.
Chilli	Vegetative/ Flowering	<ul style="list-style-type: none"> • Aphid infestation has been seen high in this week. Most of the crops are affected by aphids and thrips. • For the management of aphids, spray with Dimethoate 30 EC @ 1 ml/lit or Methy demeton @ 25 EC @ 1 ml/lit.
Fruits:		
Papaya	Vegetative/ Fruiting	<ul style="list-style-type: none"> • Papaya ring spot virus can be managed by managing white fly and thrips. To control them, spray Acephate or Acetamiprid @ 1 g/lit.

Likely impact of weather warnings (General):

- The low temperature and cold waves may affect the livestock and poultry birds. Keep the poultry house and sheds warm by keeping warm bulbs. Do not allow the animals and birds to move outside after evening.

Impact based advisories (General):

- Keep yourself updated with the weather advisory issued by GKMS Officials, IMD.
- Follow the agro-advisory regularly to protect crops from disease and pests.
- Harvested produce to kept at safe and dry storage.
- For any vaccination schedule, contact the veterinary officer.
- Provide food and water to the livestock and make arrangement for warmth during night.

Contact details:

Name: Subhakanta Samantaray

Email: subhakantaofficial95@gmail.com

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