



Agromet Advisory Services

REGIONAL RESEARCH AND TECHNOLOGY TRANSFER STATION, KENDUJHAR

Week no -52

Date- 30.12.2025

Bulletin for Keonjhar district of North Central Plateau Agroclimatic Zone.

The mean weekly maximum and minimum temperature at Keonjhar was 26.1 °C and 10.0 °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	2025-12-31	0	28	10	3	72	24	5	342
	2026-01-01	0	28	10	4	79	26	4	326
	2026-01-02	0	28	11	3	83	28	1	315
	2026-01-03	0	28	11	3	85	30	1	315
	2026-01-04	0	28	11	2	81	34	1	90

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 to partly cloudy. The wind speed may remain within 1-5 Kmph. The maximum and minimum temperature will remain within 28 °C and 10-11 °C during the next five days.

Warnings:

- As the temperature is low, probability of cold waves may prevail in the district.

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

- The prevailing low temperature is affecting the growth of the crops. Cold waves may cause chilling injury to the crops. A light irrigation can help to reduce the cold soil temperature.

General Advisory:

- Complete the sowing of rabi crops and remove any weeds from the field.
- Aphids, thrips and whitefly infestation may be seen in the field. Spray Imidachloprid 17.8% SL @ 1 ml/lt to reduce the infestation.
- Complete the threshing of paddy as soon as possible and make arrangements for its storage.

- Use celphos tablets during, storage to avoid storage grain pests.

SMS Advisory:

- Spray neem oil to reduce pest infestation in organic farming.

Crop Specific Advisory:

Crop	Stage(s) of Crop	Crop Specific Advisory
Field crops:		
Linseed	Emergence/ Vegetative	<ul style="list-style-type: none"> • Provide irrigation to the crops if not provided earlier. • Maintain plant population and complete thinning process. • Maintain plant to plant distance and do not allow bush formation at a place.
Chickpea	Vegetative/ Flowering	<ul style="list-style-type: none"> • The crops are in almost flowering stage. Infestation of pests may rise in this prevailing temperature. • The present humidity may affect the growth of plants by infecting the roots. Root rot may be seen in the field. • Spray Metalaxyl + Mancozeb (Ridomil MZ) @ 30g/15 lt to control the root rot of plants due to fungal infection.
Mustard/ Toria	Flowering/ siliqua formation	<ul style="list-style-type: none"> • If thinning process is not done, do it asap and maintain the proper plant population. • Recently, the FAW attack is severe in toria/mustard. • It is advised to farmers for spraying Emamectin benzoate 4% SG @ 4-5g/10lt of water. • 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.
Paddy	Drying/ Threshing	<ul style="list-style-type: none"> • Keep the storage room ready and place the gunny bags at 15-30cm above the ground for easy air circulation.

		<ul style="list-style-type: none"> • Mixing turmeric powder @ 500g in 1 quintal rice will protect it from insect-pest attack during storage. • For storage, keep the rooms/godowns clean and disinfectant by using fumigants like Aluminium Phosphide tablets @ 3 tablets per ton of grains.
Vegetables:		
Brinjal	Transplanting/ Vegetative	<ul style="list-style-type: none"> • To control the leaf eating caterpillar, spray 0.5 g Emamectin benzoate in 1lt of water to control it. • Harvest the matured fruits and sell them in market at affordable prices.
Chilli	Transplanting/ Vegetative	<ul style="list-style-type: none"> • Aphid infestation is 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/lt or Methy demeton @ 25 EC @ 1 ml/lt.
Tomato	Transplanting/ Vegetative	<ul style="list-style-type: none"> • Provide support (staking) to the trailing type varieties of tomato. • Keep a watch on the pest attack as the incidence may rise in this week. • Spray imidachloprid 17.8% SL or Acetamiprid for aphids and thrips infestation.
Fruits:		
Banana	Vegetative/ Fruiting	<ul style="list-style-type: none"> • Provide irrigation to the banana plants. • Keep only the sword suckers. • Allow only 1-2 suckers near the mother plants.
Papaya	Fruiting	<ul style="list-style-type: none"> • Papaya ring spot virus will cause curling of the leaves and whitefly is the vector of the disease. • Spray Acetamiprid @ 1ml/lt to control the spread of the disease.

Likely impact of weather warnings (General):

- The prevailing low temperature and cold waves are causing severe cold in the district. This is affecting the general lives of the people and livestock. It is advised not 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 livestocks and make arrangement for warmth during night.

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