



Gramin Krishi Mausam Sewa
India Meteorological Department
Orissa University of Agriculture and Technology,
Regional Research & Technology Transfer Sub Station,
Kirei, Sundergarh 770073



Dr. Sajeeb Kumar Biswasi,
Senior Scientist & Nodal Officer, GKMS

No-104(Eng.Bulletin)
Dt -29.12.2023

Week No. 52

District –Sundergarh (North Western Plateau Agroclimatic Zone)

The mean maximum daily temperature was 27.6^oC & mean minimum daily temperature was 10.6^oC in Sundergarh district during last week. The District received in average 0.0mm rainfall during the last week. The kharif Paddy is at maturity to harvesting stage. Early sown non-Paddy crops like Pulses, Oilseeds crop are at harvesting stage. The Vegetables are at harvesting stage. The overall crop condition is normal.

Forecast (Up to 03.01.2024)

Given by Met.Centre, IMD, Bhubaneswar

DISTRICT: SUNDERGARH As per IMD Forecast, the district is likely receive no rainfall for the next five days. The sky condition is clear sky to partly cloudy for the next five days. The wind speed is likely to remain within 4-5 km/h. The Maximum Temperature and Minimum Temperature is forecasted to remain between 28-29^oC and 13-14^oC respectively for the next five days.

DISTRICT					
Date	30/12/2023	31/12/2023	01/01/2024	02/01/2024	03/01/2024
Rainfall (mm)	0	0	0	0	0
T.MAX(°C)	28	28	29	29	28
T.MIN (°C)	13	13	13	14	14
Cloud Cover	0	0	0	1	4
Rh Max (%)	68	69	66	65	72
Rh Min (%)	34	33	32	31	32
Wind speed (kmph)	5	4	4	4	5
Wind Direction (deg)	71	79	71	72	79

For further information,contact the Met. Centre,Aerodrom Area, IMD, Bhubaneswar, Tel.# 0674-2596116

Agromet Advisory

DISTRICT:SUNDERGARH:-

Paira Crop : Sow the seeds of pulses in paddy field utilizing the residual soil moisture before 15 days of harvesting the paddy. The pulses grown as of paira crop to be sprayed with 2% DAP solution for crop vigour.

Rabi Paddy : Finish the laying by the end of this month

Use fine and medium seeds for this

Prepare a mud pan to remove the pan

At the time of the last wave of cultivation, add 40 bushels of cow dung, 12 kg of single super phosphate and 2 kg of murate of potash to the soil in 10 deciml flats.

Soak the seeds in water for 24hours and after germination, sow them in mud flats.

Wheat:

In case of scurvy, irrigate frequently and thoroughly soak the soil with 2 ml of chlorpyrifos per liter of water in the affected areas.

Spray 400 ml of Triazofs or Profenofs in 2000 liters of water per acre if there is an attack of cankerworm.

When the crop is 25days old, pick hay or spray 1kg -4-2D-sodium herbicide per hectare for weed control.

Groundnut Prepare the land for groundnut cultivation. Chose the sandy loam soil having irrigation facility. The winter groundnut at 35-40 days after sowing do not disturb the soil due to peg formation stage.

Sunflower :

Reduce thrips infestation by planting crops such as corn, carrots, and millet around sun-sensitive crops.

For better yield, add manure and root fertilizer to the soil a week before sowing
Keep the field weed free for the first 45 days
Do not apply pesticides to sunflower crops at all
Spray 400 ml of dimethoate per acre in 200 liters of water for sucking insects such as aphids.

Toria:

Due to powdery mildew, apply 1 kg sulphur powder in 200 liters of water per acre.

Sunflower:

Prepare the land for summer sunflower cultivation. Good varieties are KBSH-1, MSFH 17, MSFH 8.

The rabi sunflower at 21-30 days are to be applied with 67 kg Nitrogen as top dressing per acre.

Potato: Without any delay complete sowing of Potato. Seed rate is 6-8q/ac. Good varieties are Kufri Pokhraj, Kufri Lalima, Kufri chipsona. The seed weight should be 25-35 g per piece and having 2-3 eyes.

Animal: During the winter, cows can increase their milk production if they take care of their housing, food, breeding, and health care.

The shed should be well ventilated and not dark

It is best to put sand on the floor of the shed because their excrement is absorbed into the sand so they can always stay on a dry floor.

Always keep the inside and outside of the cowshed clean

In winter, cattle are fed with high-energy fiber foods such as grass straw, straw, sorghum stalks, corn leaves, and eat candy etc

Poultry :

For more eggs and meat, keep Banraja, Grampriya breeds of chickens.

Vaccinate chickens regularly against distemper and vernal distemper as advised by a veterinarian.

For any problem related to agriculture sector, please dial the toll free number 1551.

For better agricultural benefits use, **OUAT KALINGA** Products (Seedlings, Saapplings and QPM, Tissue culture plants, Fruits and vegetables, value added products, Fingerlings/Yearlings, Poultry chicks, Breeds, Mushrooma and spwn, Biofertilizer, Biopesticides, Vermi & Vermicompost and Farm implements)

IMD weather forecast & Agrometeorological Advisory of Odisha location is now available on Meghdoot mobile app in English & Odia Language.

Download: (Andriod: <https://play.google.com/store/apps/details?id=com.aas.meghdoot>)

ବି : ଦ୍ରଷ୍ଟବ୍ୟ :ଓୟୁଏଚି ଶାଖା ଚିପଲିନା ଓ ଗମ୍ଭାରିପାଲି ବିହନ ଗବେଷଣା ଫାର୍ମ ଠାରେ ସ୍ୱର୍ଣ ଧାନ ବିହନ ୨୦ କିଗ୍ରା ବସ୍ତା ପିଛା ଟ. ୭୧୨ ୪୦ . ପଇସା ଚାଷୀ ନିମିତ୍ତ ବିକ୍ରି ହେଉଅଛି ।

Nodal Officer