



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



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**Week No - 51**

**District –Sundergarh (North Western Plateau Agroclimatic Zone)**

The mean maximum daily temperature was 26.4<sup>0</sup>C & mean minimum daily temperature was 9.8<sup>0</sup>C 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 27.12.2023)**

**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 mainly clear for the next five days. The wind speed is likely to remain within 5-6 km/h. The Maximum Temperature and Minimum Temperature is forecasted to remain between 27-28<sup>0</sup>C and 10-12<sup>0</sup>C respectively for the next five days.

DISTRICT	23/12/2023	24/12/2023	25/12/2023	26/12/2023	27/12/2023
Date	23/12/2023	24/12/2023	25/12/2023	26/12/2023	27/12/2023
Rainfall (mm)	0	0	0	0	0
T.MAX(°C)	27	27	27	28	28
T.MIN (°C)	10	12	12	12	12
Cloud Cover	2	2	0	0	1
Rh Max (%)	60	69	68	68	63
Rh Min (%)	29	36	33	33	32
Wind speed (kmph)	5	5	5	5	6
Wind Direction (deg)	75	72	71	70	81

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

**Agromet Advisory**

**General Advisory:**

**Take care of nursery seedlings due to forecast of decreasing minimum temperature. Also care of animal resource mainly shed management and cover the sheds specially in night.**

**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 :** Prepare the rabi paddy nursery. Chose medium duration variety. Prepare beds of 1 m width and length according to availability and 10 decimil for one acre land. 40 baskets of FYM and 12 kg of SSP and 2 kg MOP is required for nursery beds. Sow the presoaked seeds on the bed. Among the superior and easy varieties of pulses are Parijat,Khandgiri,Yogesh,Sidhant , Mandakini Pathara and Jyotirmayee are among the medium varieties, Lalat,Tapaswini Manaswini, Naveen STU-1000

Complete threshing for pulses by the end of this month. Use early and medium varieties for threshing.

**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.

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ବି : ଦ୍ରଷ୍ଟବ୍ୟ :ଓୟୁଏଚି ଶାଖା ଚିପଲିନା ଓ ଗନ୍ଧାରିପାଲି ବିହନ ଗବେଷଣା ଦ୍ଵାରା ଠାରେ ସ୍ଵର୍ଣ ଧାନ ବିହନ ୨୦ କିଗ୍ରା ବସ୍ତା ପିଛା ଟ. ୭୧୨ ୪୦ .  
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**Nodal Officer**