



**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,**

**Week No-01**

**No.01**

**(Eng.Bulletin)**

**Senior Scientist & Nodal Officer, GKMS**

**Dt -30.12.2025**

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

The mean maximum daily temperature was 29.2<sup>0</sup>C & mean minimum daily temperature was 10.6<sup>0</sup>C in Sundergarh district during last week. The District received 0.0 mm rainfall during the last five days.

- 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 04.01.2026)**

**Given by Met.Centre, IMD, Bhubaneswar**

**DISTRICT: SUNDERGARH-** As per IMD forecast issued, the district is likely to receive **no rainfall in coming five days in Sundergarh district.** The sky condition is Clear sky to Partly Cloudy for the next five days. The wind speed is likely to remain within 2-4 km/h. The Maximum Temperature and Minimum Temperature is forecasted to remain between 28 – 29<sup>0</sup>C and 9 -10<sup>0</sup>C & the Maximum RH-I to remain between 60 - 70% the Minimum RH-II- remain between 20 - 30% respectively for the next five days.

**WARNING :** The district is likely to receive **no rainfall in coming five days in Sundergarh district**

Date	31/12/2025	01/01/2026	02/01/2026	03/01/2026	04/01/2026
Rainfall (mm)	0	0	0	0	0
T.MAX(°C)	28	29	29	29	29
T.MIN(°C)	9	9	10	10	10
Cloud Cover	3	4	3	2	2
Rh Max (%)	60	61	62	66	70
Rh Min (%)	20	21	24	27	30
Wind speed (kmph)	3	2	2	4	4
Wind Direction (deg)	27	37	72	41	42

For further information, contact the Met. Centre, Aerodrom Area, IMD, Bhubaneswar, Tel.# 0674-2596116 34

**DISTRICT: SUNDERGARH- Agromet Advisory**

**General Advisory :**

Take care of nursery seedlings with coverings with available local materials & In the nursery put a thin layer of FYM due to forecast of decreasing minimum temperature. Also care of animal resource mainly shed management and cover the sheds specially in night.

**Crop specific Advisory :**

Name of the Crop	Stage of the Crop	Agromet Advisory
<b>Rabi Paddy :</b>	Nursery sowing/Direct seeded Rice.	<ul style="list-style-type: none"> <li>At 15 days old seedling, apply 2% Ammonium Sulfate for proper growth</li> </ul>

<b>Gram:</b>	<b>Sowing/Growth stage</b>	<ul style="list-style-type: none"> <li>• Sow the gram in residual soil moisture. Good varieties are C-235, H208, Anegiri @ 20 kg/acre. Treat the seeds with PSB culture @ 400g for 20 kg seed seven days before sowing.</li> <li>• Apply 2 t FYM/ac and 10 kg N, 16 kg P at final land preparation.</li> <li>• Spacing is 30 X 10 cm. Apply pendimetholin @ 1000 ml/acre one day after sowing.</li> </ul>
<b>Sesamum:</b>	<b>Sowing/CRI</b>	<p>After harvesting of paddy, sow early sesamum variety in residual soil moisture. Good varieties are,</p> <ul style="list-style-type: none"> <li>• Vinayak, Kalika, Kanak, Prachi, Amrit, Smarak, GT 10 @ 3-4 kg/ac. If the khraif sesamum turns to yellow</li> </ul>
<b>Ragi:</b>	<b>Sowing/CRI</b>	<ul style="list-style-type: none"> <li>• If more than 85% crop turns yellow, than harvest the crop and dry it under sun for 2-3 days.</li> </ul>
<b>Groundnut :</b>	<b>Sowing/Interculture operation</b>	<ul style="list-style-type: none"> <li>• Due to weather, there is chances of root rot, to manage this spray metalaxyl and Mancozeb @ 2 g per liter of water. At 3 week stage, go for intercultural practice. Apply 100 kg Gypsum per acre at this stage.</li> </ul>
<b>Potato :</b>	<b>Sowing/Interculture operation</b>	<ul style="list-style-type: none"> <li>• Complete sowing of potato without any further delay. Seed rate is 6-8 q/acre. The tuber size should be of 25 g with 2-3 eyes . Treat the seeds with Mancozeb @ 20 g + 1g Streptocyclin / 10 litres of water. At final land preparation apply 8 t FYM and 24:24:48 kg NPK/ac. Go for intercultivation at 15 days after germination. At 20-25 days old potato crop go for first top dressing of Nitrogen @ 12 kg/acre. Due to prevailing weather condition, manage Aphids by application of Imidacloprid @ 5 ml/litre of water.</li> </ul>
<b>Marigold :</b>	<b>Sowing stage</b>	<ul style="list-style-type: none"> <li>• Use good quality varieties like Siracco Law, African W Giant Orange, African W Giant Yellow, Puspa Basanti etc.</li> </ul>
<b>Toria :</b>	<b>Growth stage</b>	<ul style="list-style-type: none"> <li>• Due to weather there is chances of Leaf spot, to manage apply Copper oxychloride @ 1 kg in 200 liters of water.</li> </ul>
<b>Sunflower :</b>	<b>Interculture operation</b>	<ul style="list-style-type: none"> <li>• After 25-30 days of sowing, harrow the land and select the grasses and weeds. Then apply 8 kg of lactic acid fertilizer per acre and 10 kg of lactic acid fertilizer fertilizer at 35 days of age for hybrid varieties. Apply the fertilizer 3-4 inches from the base of the plant and 2-3 inches deep</li> </ul>
<b>Vegetable :</b>	<b>Cucurbits</b>	<ul style="list-style-type: none"> <li>• To prevent from Wilting, spray 1 g Streptomycin plus 20g Copper oxychlorid in 10 liter of water. Raise winter season vegetable nursery in the field.</li> </ul>
<b>Sesamum :</b>	<b>Growth stage/Harvesting</b>	<ul style="list-style-type: none"> <li>• In irrigated area go for sowing early sesamum variety. Good varieties are, Vinayak, Kalika, Kanak, Prachi, Amrit, Smarak. @ 3-4 kg/ac. If the kharif sesamum turns to yellow then go for harvesting the capsule</li> </ul>
<b>Cow :</b>		

		<ul style="list-style-type: none"> <li>Animal : Animals should be given mineral mixture along with salt regularly and wheat grains, jaggery etc. may be provided @ 10%-20% in the daily ration during winter season to meet the energy requirement of the animals.</li> </ul>
<b>Pisciculture :</b>		<ul style="list-style-type: none"> <li>Due to low night temperature, oxygen availability may be less, so reduce the fish feed as the fish metabolism is slow during winter.</li> </ul>

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

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ବି : ଦ୍ରଷ୍ଟବ୍ୟ : ଓଡ଼ିଶା ଶାଖା ଚିପଲିମା ଓ ଗନ୍ଧାରିପାଲି ବିହନ ଗବେଷଣା ଫାର୍ମ ଠାରେ ସ୍ୱର୍ଣ୍ଣ ଧାନ ବିହନ ୨୦ କିଗ୍ରା ବସ୍ତା ପିଛା ଟ. ୭୧୨ . ପଇସା ଚାର୍ଜ ନିମିତ୍ତ ବିକ୍ରି ହେଉଅଛି ଧୠ ।

**Nodal Officer**