



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 - 16

District –Sundergarh (North Western Plateau Agroclimatic Zone)

The mean maximum daily temperature was **41.8⁰C** & mean minimum daily temperature was **24.4⁰C** in Sundergarh district during last week. The District received in average **0.0 mm** rainfall during the last week. Early sown summer crops like Pulses, Oilseeds crop are at harvesting stage. The Vegetables are at harvesting stage. The overall crop condition is normal. The rabi paddy is in Panicle Initiation stage.

Forecast (Up to 24.04.2024)

Given by Met.Centre, IMD, Bhubaneswar

DISTRICT: SUNDERGARH- As per the forecast issued by India Meteorological Department, the district is likely receive light rainfall for the next 5 days. The sky condition is clear sky to overcast for the next five days .The wind speed is likely to remain within 8-10km/h. The Maximum Temperature and MinimumTemperature is forecasted to remain between 39-43⁰C and 22-25⁰C respectively for the next five days.

WARNING : The district is likely receive light rainfall for 22nd to 24th, April & 20th to 21st, April heat wave condition in Sundergarh district . **Heat wave to severe heat wave conditions** in isolated pockets during next 48 hours and **heat wave** in isolated pockets on **21st April 2024** very likely over **Odisha**.

DISTRICT	20/04/2024	21/04/2024	22/04/2024	23/04/2024	24/04/2024
Date	20/04/2024	21/04/2024	22/04/2024	23/04/2024	24/04/2024
Rainfall (mm)	0	0	5	10	4
T.MAX(°C)	43	43	41	39	39
T.MIN(°C)	24	24	25	22	22
Cloud Cover	0	3	7	8	5
Rh Max (%)	29	35	29	39	41
Rh Min (%)	9	11	11	15	14
Wind speed (kmph)	8	8	9	9	10
Wind Direction (deg)	162	248	290	255	248

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

DISTRICT: SUNDERGARH-Agromet Advisory

General Advisory : **Heat wave to severe heat wave conditions** in isolated pockets during next 48 hours and **heat wave** in isolated pockets on **21st April 2024** very likely over **Odisha**. In this case, provide irrigation to crops in critical stage specially during evening hours. In case of shortage of water, go for alternate row irrigation method for better utilization of water which saves around 50% water. Also the drip irrigation system in Orchard saves water. Sprinkling irrigation method reduces the effect of high temperature. Farmers are advised to avoid exposure outside during the pick heat hours of the day.

Crop specific Advisory :

Name of the Crop	Stage of the Crop	Agromet Advisory
Summer Paddy	PI stage	Due to rise in temperature, the BPH attack may be seen, to manage this, make alleys in every meter gap for effective sunlight at the base of the plant, chemically spray in case of above ETL Thiomethoxam @ 3 g per 15 liters of water. Manage to keep ponding water in the field. Provide critical stage irrigation to crop for reducing the effect of heat wave.
SRI Paddy	PI stage	leaf folder may attack, go for spraying Lambdacyalothrin @ 1ml per liter of water.
Summer	Flowering stage	Due to weather survey the infestation of YMV disease and to manage this

Pulses		apply Ridomil MZ @ 2g/liter of water. Provide irrigation at flowering stage.
Summer Groundnut	Pod Development	Provide irrigation due to rise in temperature at pod development stage.
Sunflower	Head Formation and seed setting	For good seed filling, apply 2-3 g of Borax/liter of water. Early sown crop when the lower side of head turns yellow, go for cutting the head and dry it under sun for 4-5 days. If fruit borer attacks then go for spraying Bioinsecticide NPV @ 250 LE mixed in 200 Liters of water.
Ginger		Collect good quality ginger Rhizomes namely Suprava, Suruchi, Suravi. Seed rate is 6-8 q/ac. Each piece should be 20 g and contain 2-3 eyes. Treat the seeds before planting in the field.
Animal		Due to rise in temperature provide the animal shed clean and sufficient drinking water. Maintain the cleanliness in the animal shed. Do not leave the animals during hot time of the day. Treat around 10 kg rhizome in 10 liters of water mixed with 40 g Mancozeb and 10 g Carbendazim and dry it under shade.
Vegetables	Vegetative growth	Due to temperature effect in brinjal Foot & Shoot borer can be managed by application of Neem based pesticides 330 ppm @ 1 liter per acre. Also due to weather there may attack of Mites, to manage this spray Dicofol @ 3 ml/liter of water.
Pisciculture	Growth stage	Due to rise in temperature, survey for oxygen deficit if any.
Onion	Harvesting stage	Harvest the onion leaving 2-3 cm from the neck and cut all the roots and dry it under shed.

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

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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 ଗନ୍ଧାରିପାଲି ବିହନ ଗବେଷଣା ଫାର୍ମ ଠାରେ ସ୍ୱର୍ଣ୍ଣ ଧାନ ବିହନ ୨୦ କିଗ୍ରା ବସ୍ତା ପିଛା ଟ. ୭୧୨ ୪୦ . ପଇସା ଚାଷୀ ନିମିତ୍ତ ବିକ୍ରି ହେଉଅଛି ।

Nodal Officer