



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-26(Eng.Bulletin)
Dt -28.03.2024

Week No - 13

District –Sundergarh (North Western Plateau Agroclimatic Zone)

The mean maximum daily temperature was 37.2⁰C & mean minimum daily temperature was 19.8⁰C in Sundergarh district during last week. The District received in average 0.0 mm rainfall during the last week. Early sown rabi 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 tillering and Panicle Initiation stage.

Forecast (Up to 02.04.2024)

Given by Met.Centre, IMD, Bhubaneswar

DISTRICT: SUNDERGARH- As per the forecast issued by India Meteorological Department, the district is likely receive very light rainfall for the next 5 days. The sky condition is mainly clear to partly cloudy for the next five days .The wind speed is likely to remain within 7-11km/h. The Maximum Temperature and Minimum Temperature is forecasted to remain between 39-40⁰C and 22-23⁰C respectively for the next five days.

WARNING : The district is likely receive very light rainfall in Sundergarh district for coming 5 days.

DISTRICT					
Date	29/03/2024	30/03/2024	31/03/2024	01/04/2024	02/04/2024
Rainfall (mm)	2	0	2	2	1
T.MAX(°C)	39	39	40	40	40
T.MIN (°C)	22	22	22	23	23
Cloud Cover	3	4	4	4	2
Rh Max (%)	33	44	41	45	35
Rh Min (%)	13	13	14	15	16
Wind speed (kmph)	8	7	8	8	11
Wind Direction (deg)	252	195	146	251	252

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

DISTRICT: SUNDERGARH-Agromet Advisory

General Advisory : In case of shortage of water, go for alternative 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.

Crop specific Advisory :

Name of the Crop	Stage of the Crop	Agromet Advisory
Summer Paddy	Tillering stage	Due to rise in temperature, the BPH attacke may be seen, to manage this, make alleys in each meter gap for effective sunlight at the base of the plant, chemically spray in above ETL Ethofenrox @ 1 ml per liter of water.
SRI Paddy	Tillering stage	leaf folder may attack, go for spraying Lambdacyalothrin @ 1ml per liter of water.
Summer Pulses	Branching	Due to weather survey the infestation of YMV disease and to manage this apply Ridomil MZ @ 2g/liter of water.
Maize	Knee Height	Due to rise in temperature, provide irrigation at critical stages of Knee height stage To manage the Stem borer release T. Chilonis card @ 20,000/ac and repeat it after 10 days of first release.

Summer Groundnut	Peg Formation	Provide irrigation due to rise in temperature for easing Peg penetration and pod development After flowering, do not practice inter cultivation work, because from this time onward, the flower buds and its pods penetrate and set fruit.
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.
Ragi	Tillering stage	Due to diurnal variation in temperature, After 3-4 weeks of planting finger millet , apply 8 kg of Nitrogen per acre.
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.
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 may be there.
Onion	Harvesting stage	Harvest the onion laving 2-3 cm from the neck and cut all the roots and dry it under shed during high temperature.

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

Nodal Officer