



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 - 05

District –Sundergarh (North Western Plateau Agroclimatic Zone)

The mean maximum daily temperature was 27.0⁰C & mean minimum daily temperature was 10.0⁰C in Sundergarh district during last week. The District received in average 0.0 mm 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 04.02.2024)

Given by Met.Centre, IMD, Bhubaneswar

DISTRICT: SUNDERGARH As per IMD Forecast, the district is likely receive light rainfall for the next five days. The sky condition is mainly clear sky to generally cloudy for the next five days. The wind speed is likely to remain within 7-9 km/h. The Maximum Temperature and Minimum Temperature is forecasted to remain between 26-28⁰C and 11-13⁰C respectively for the next five days.

DISTRICT					
Date	31/01/2024	01/02/2024	02/02/2024	03/02/2024	04/02/2024
Rainfall (mm)	0	0	5	0	0
T.MAX(°C)	28	28	26	26	27
T.MIN (°C)	12	13	12	12	11
Cloud Cover	2	6	7	0	0
Rh Max (%)	62	63	71	62	39
Rh Min (%)	25	26	32	20	15
Wind speed (kmph)	7	7	7	9	7
Wind Direction (deg)	75	90	225	153	63

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

Agromet Advisory

District: Sundargarh

General Advisory : Due to low temperature, apply thin layer of dry FYM on nursery to maintain the temperature. Start sowing the summer crops when the temperature is conducive for germination.

Paddy Nursery management: Apply light irrigation in the nursery.

Keep standing water in the paddy nursery 15 days onwards of sowing. At 15 days apply 4 kg urea for proper vigor of seedlings.

Finish the nursery preparation work at the end of January month.

For this, use light and medium varieties of seeds.

At the time of last cultivation, 40 baskets of cow dung manure, 12 kg Single Super Phosphate and 02 kg of muriate of potash fertilizer to the soil.

SRI Paddy : Prepare the paddy nursery and transplant the 10-12 days old seedling on the main field.

Rabi Pulses Crop :

Harvest when 90 percent of mungbean pods and pea crops are at ripen stage.

After harvesting, dry and store the seeds for 2-3 days in a dry place

Applying 200 grams of mustard oil or til oil per quintal to mung blackgram reduces the risk of moth infestation.

Maize :

When the maize crop is 2-3 weeks old, go for intercultivation and earthing up work and apply 8 kg Nitrogen per acre.

Summer groundnut :

It is prepared based on the information available and not legal.

The good varieties are kadri, Smruti, TMV2 . The seed rate is 60 kg seeds per acre. In the final land preparation, apply 2 t FYM and 8:16:16 kg NPK/acre. The spacing is 25cm X 10 cm. Treat the seeds with Carbendazim @ 2 g/kg seeds.

Wheat:

Irrigate the crop at crown root initiation and jointing stage. In late sowing go for intercultivation. In the early sown crop apply 8 kg Nitrogen per acre.

Sunflower :

At 25 to 30 days after sowing the sunflower, apply 6-8 kg nitrogen per acre. Go for thinning operation. Also complete sowing of summer sunflower in irrigated areas. Chos good varieties like MSFH 17, KBSH1, Jwalamukhi @ 2 kg seed per acre. The spacing is 60 X 30 cm. Before sowing, soak the seeds overnight for proper germination. For higher oil content, apply gypsum @ 100 kg/acre and 4 kh Borax along with basal dose of fertilizer. Apply the basal dose as 12:32: 24 kg NPK per acre. Treat the seeds with 4 g Trichoderma per kilogram seed.

Potato: In the delayed sown crop, go for intercultivation and earthing up and apply the remaining fertilizer of Nitrogen 30 kg/acre. Due to weather manage the Leaf blight of potato by application of Mancozeb @ 1 g per litre of water and repeat it after 12 days of first application.

Vegetables:

The Brinjal Foot & Shoot borer can be managed by application of Neem based pesticides 330 ppm @ 1 liter per acre.

Animal: The shed should be well ventilated.

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

Always keep inside and outside of the cowshed clean

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

Pisciculture: Due to low temperature, the coldness of water can be balanced by application of lime@ 100kg per 1 meter depth of water. Due to low temperature, lower quantity of food be given for easing the digestion capacity of fish.

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

ବି : ଦ୍ରଷ୍ଟବ୍ୟ :ଓଡ଼ିଶା ଶାଖା ଚିପଲିନା ଓ ଗନ୍ଧାରିପାଲି ବିହନ ଗବେଷଣା ଫାର୍ମ ଠାରେ ସ୍ୱର୍ଣ୍ଣ ଧାନ ବିହନ ୨୦ କିଗ୍ରା ବସ୍ତା ପିଛା ଟ. ୭୧୨ ୪୦ . ପଇସା ଚାର୍ଜ ନିର୍ମୂଳକ ବିକ୍ରି ହେଉଅଛି ।

Nodal Officer