



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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No-11(Eng.Bulletin)
Dt -06.02.2024

Week No - 06

District –Sundergarh (North Western Plateau Agroclimatic Zone)

The mean maximum daily temperature was 28.4⁰C & mean minimum daily temperature was 15.0⁰C 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 11.02.2024)

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 6-9 km/h. The Maximum Temperature and Minimum Temperature is forecasted to remain between 28-32⁰C and 14-16⁰C respectively for the next five days.

| DISTRICT | | | | | |
|----------------------|------------|------------|------------|------------|------------|
| Date | 07/02/2024 | 08/02/2024 | 09/02/2024 | 10/02/2024 | 11/02/2024 |
| Rainfall (mm) | 0 | 0 | 0 | 0 | 7 |
| T.MAX(°C) | 33 | 32 | 31 | 29 | 28 |
| T.MIN (°C) | 16 | 15 | 14 | 14 | 16 |
| Cloud Cover | 0 | 0 | 1 | 4 | 7 |
| Rh Max (%) | 69 | 42 | 33 | 33 | 39 |
| Rh Min (%) | 26 | 27 | 20 | 15 | 17 |
| Wind speed (kmph) | 8 | 7 | 9 | 7 | 6 |
| Wind Direction (deg) | 27 | 135 | 292 | 70 | 72 |

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.

Sunner pulses :

National crops of pulses with high yield in dry season are:- Mung varieties IPM-02-14 (65 days), IPM-02-3 (65 days), PDM-11 (65 days), PDM-54 (60 to 65 days). Durga (60 to 65 days), Samrat (65 to 70 days), K-851 (60 to 65 days) and Blackgram varieties – Sarla (65 to 70 days), PU-31 (70 days), PU-30 (65 to 70 days), PU-35 (65 to 70 days), PU-19 (65 to 70 days) etc. collect and sow in the land 25 kg of seeds are required per hectare. Before sowing treat the seeds with Carbendazim @ 2 g/kg of seeds seven days before sowing. In the previous night of sowing, treat the seeds with rizobium culture @ 20g per kg of seeds. Sow it in the spacing of 25cm X 10 cm spacing.

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.

Applying 200 grams of mustard oil or til oil per quintal to mung blackgram reduces the risk of moth infestation. Ragi: 1. When the seedlings are 3 week old, transplant it in 20cm X 10 cm spacing. If not tested the soil, apply 24:12:12 kg NPK per acre. Out of this apply 50% of N along with full dose of phosphorus and Potash as basal dose.

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 :

If gypsum is not applied at sowing, apply it in lines @ 50kg/acre or broadcast 100 kg Gypsum per acre.

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. Choose 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 :

Add half a gram of furasil to 1 liter of water for 3 days.

To control chicken rabies, administer Lasota vaccine within the first 7 days and administer IBT eye drops within 13-15 days.

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

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ବି : କ୍ରଷ୍ଣବ୍ୟ :ଓୟୁଏଚି ଶାଖା ଚିପଲିନା ଓ ଗନ୍ଧାରିପାଲି ବିହନ ଗବେଷଣା ଫାର୍ମ ଠାରେ ସ୍ୱର୍ଣ ଧାନ ବିହନ ୨୦ କିଗ୍ରା ବସ୍ତା ପିଛା ଟ. ୭୧୨ ୪୦ . ପଇସା ଚାଷୀ ନିମିତ୍ତ ବିକ୍ରି ହଉଅଛି ।

Nodal Officer

