



**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-16(Eng.Bulletin)**  
**Dt -23.02.2024**

**Week No - 08**

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

The mean maximum daily temperature was 33.6<sup>0</sup>C & mean minimum daily temperature was 17.6<sup>0</sup>C 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 transplanted stage.

**Forecast (Up to 28.02.2024)**

**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 partly cloudy to overcast for the next five days .The wind speed is likely to remain within 6-13km/h. The Maximum Temperature and Minimum Temperature is forecasted to remain between 31-33<sup>0</sup>C and 16-18<sup>0</sup>C respectively for the next five days.

DISTRICT					
Date	24/02/2024	25/02/2024	26/02/2024	27/02/2024	28/02/2024
Rainfall (mm)	0	2	5	7	4
T.MAX(°C)	33	32	31	31	33
T.MIN (°C)	16	17	18	18	16
Cloud Cover	4	4	6	8	8
Rh Max (%)	48	84	82	85	70
Rh Min (%)	22	27	33	36	37
Wind speed (kmph)	11	11	11	12	6
Wind Direction (deg)	68	90	109	135	90

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:**

At 3 weeks of paddy, top dress with 16 kg Nitrogen per acre. After 48 hours of fertilizer application, refill the field with water and maintain 5 cm water. Due to diurnal variation in temperature, there is chance of Blast in Rice, to manage this apply Tricyclazole 0.6 g/liter of water

Water management: Paddy needs everyday 1 cm water for its optimum growth. At the time of Transplanting keep nail depth water in the field. Maintain 5 cm water upto 25 days of transplanting. It will help more number of tillers.

**SRI Paddy :** 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.

**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.

#### **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 milking stage.

#### **Maize:**

Do not let the maize field dry. Provide irrigation at knee height stage. To manage the Stem borer release T. Chilonis card @ 30,000/ac and repeat it after 10 days of first release.

**Ragi :** When the seedlings are of 3 weeks old, transplant it at a spacing of 20 X 10 cm. If not the soil is tested, apply 24:16:12 kg NPK/acre. Half dose of N and full of P and K is applied as basal dose.

#### **Sunflower :**

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 kg 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.

#### **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 : ଦ୍ରଷ୍ଟବ୍ୟ :ଓୟୁଏଚି ଶାଖା ତିପଲିନା ଓ ଗନ୍ଧାରିପାଲି ବିହନ ଗବେଷଣା ଦୀର୍ଘ ଠାରେ ସ୍ୱର୍ଣ୍ଣ ଧାନ ବିହନ ୨୦ କିଗ୍ରା ବସ୍ତା ପିଛା ଟ. ୭୧୨ ୪୦ . ଗାଣୀ ନିମିତ୍ତ ବିକ୍ରି ହେଉଅଛି ପଇସା ।

**Nodal Officer**