



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

Dt 03.02.2023

Sundargarh_IAAS_English_03.02.2023_05_10
Sundargarh Dist of North Western Plateau Zone

Weather condition: According to IMD forecast, there would be no rainfall in this week. The sky will remain Fair(Clear & Slightly Clouded) in this coming 05 days. The Maximum Temperature will vary from last week be 31-32⁰ C for the next five days. The Minimum Temperature will vary from 09-12⁰C for the next five days The Maximum RH will vary from 34-41% & The Minimum RH will vary from 08-13% in this week.

Weather Forecast upto (08.02.2023) VALID TILL 08.30 IST OF FOLLOWING DAYS)

| DISTRICT | Date | Rainfall (mm) | T-MAX (C) | T-MIN (C) | Cloud Cover | Rh Max (%) | Rh Min (%) | Wind speed (kmph) | Wind Direction (deg) |
|------------|------------|---------------|-----------|-----------|-------------|------------|------------|-------------------|----------------------|
| SUNDERGARH | 04-02-2023 | 0 | 31 | 9 | 2 | 34 | 8 | 6 | 90 |
| | 05-02-2023 | 0 | 31 | 10 | 0 | 34 | 10 | 6 | 72 |
| | 06-02-2023 | 0 | 32 | 11 | 0 | 39 | 13 | 7 | 63 |
| | 07-02-2023 | 0 | 32 | 11 | 0 | 35 | 13 | 6 | 236 |
| | 08-02-2023 | 0 | 32 | 12 | 0 | 41 | 13 | 8 | 240 |

Agromet Advisory: The kharif crops which are matured upto 85%, go for harvesting the crop and dry it under sun for 2-3 days.

Rabi Paddy:

Nursery management: Due to rise in temperature, provide light irrigation to the nursery. Irrigate the nursery bed at regular interval. If the seedling is of 15 days old then apply urea 4 kg for 10 decimal for proper growth. To protect the crop from stem borer attack, apply 800 g Cartap hydrochloride. If already transplanted, than apply 16 kg Nitrogen/ac at 3 week stage. In the transplanted field fix pheromon trap @ 3-4 /ac

Wheat:

To protect the crop from stem borer attack, apply Triazophos @ 2 ml/litre of water. Tillering and flowering stage is critical for irrigation.

Gram: Go for nipping the tips for profuse branching.

Ragi: Good varieties for rabi season are Arjun, Dibyasingh, Bhairavi, Subhra, Chilika. Seed rate for nursery sowing is 4 kg in 200 sq. meter. Apply 2 kg FYM, 10g each Nitrogen and Phosphorus for every 10 sq meter. Prepare the land and apply 24:12:12 kg/ac NPK and apply half of Nitrogen

Pulses:

Go for sowing the pulses if not sown earlier. Go for irrigation the crop as required.

Groundnut: Sow rabi groundnut @ 60 kg pod/acre. Good varieties are Smruti, JL-24, Dharani. Treat the seeds with rhizobium culture @ 20 g/kg of kernels. Apply 8:16:16 kg NPK/ac. Apply Gypsum @ 100 kg/acre.

Sunflower: At 25 days after sowing of Sunflower, go for intercultivation, earthing up and apply 6 kg Nitrogen/ac in hybrid sunflower. Prepare land for Summer sunflower cultivation. Good varieties are MSFH-17, MSFH-8, PAC-36. Seed rate is 2 kg/ac. Spray Borax @ 2g/litre of water before flowering. Irrigate the crop at critical stages of the crop.

Sesamum:

Collect good varieties like, Uma, GT 10, Kalika, Prachi @ 2 kg/ac and sow in beds for proper irrigation facility. Before sowing treat the seeds with Carbendazim @ 2 g/kg seeds. Apply 20 q

FYM/ac at final land preparation. Apply @ 8 kg each NPK as basal dose and 10 kg Sulphur at final land preparation. Balance 4 kg N is to be applied after 21 DAS. Spacing is 30 X 10 cm.

Vegetables:

In cow pea there is chances of Aphid attack, to manage this spray Imidachloprid @ 50 ml in 200 litres of water per acre.

Onion:

Loosen the top soil of 15cm by intercultivation twice within 60 days and keep the field weed free.

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

Nodal Officer