



**GRAMIN KRISHI MAUSAM SEWA**  
**India Meteorological Department**  
**Orissa University of Agriculture and Technology**  
**Regional Research & Technology Transfer Station (RRTTS),**  
**Bhawanipatna, Kalahandi – 766001**



**WEEK NO.05**

**Bulletin No. 010/2023**

**Friday/Dt.03.02.2023**

**Weather Conditions recorded at AMFU Bhawanipatna from 28.01.2023 to 03.02.2023**

Weekly Rainfall (mm) and rainy days	Nil
Cumulative Rainfall (mm) and rainy day (w.e.f. 01.01.2023)	Nil
Mean weekly maximum temperature (°C)	31.6
Mean weekly minimum temperature (°C)	14.2

**Weather Forecast from 04.02.2023 to 08.02.2023 for Kalahandi District:**

No rain will occur from 04.02.2023 to 08.02.2023 in the Kalahandi district. Cumulative 0 mm rain is expected during the five days period. Sky may remain clear sky to mainly clouded during these five days. Wind may blow from South to South-West directions with the speed of 005-006 km/hr. The maximum temperature may vary around 29 – 30 °C and the minimum temperature around 08 – 11 °C. Maximum RH is expected to vary between 32 – 44 % and minimum RH between 8 - 12%.

DISTRICT	Date	Rainfall (mm)	T-MAX (°C)	T-MIN (°C)	Cloud Cover	Rh Max (%)	Rh Min (%)	Wind speed (kmph)	Wind Direction (deg)
KALAHANDI	04-02-2023	0	29	8	2	32	9	6	180
	05-02-2023	0	30	9	1	40	8	6	225
	06-02-2023	0	30	11	0	44	9	5	207
	07-02-2023	0	30	11	0	35	11	6	225
	08-02-2023	0	30	11	0	35	12	6	216

**Agro met – Advisory Bulletin for Kalahandi District**

**General Advisory:**

1. Field preparation & transplanting of summer rice should be started.
2. Crop diversification should be followed in irrigated paddy areas with maize, sunflower, groundnut, green gram and black gram.
3. Field preparation and sowing of maize, pulses and oilseeds should be done.

**Crop-Specific Advisory:**

**Kharif Paddy:**

1. When seedlings are 21-25 days old transplanting should be started.
2. Apply full dose of P<sub>2</sub>O<sub>5</sub> & half dose of K<sub>2</sub>O & 25% of N as Basal from a fertilizer dose of 80:40:40 kg ha<sup>-1</sup>.
3. Stubble of Kharif paddy must be incorporated by ploughing for proper decomposition and early planting.
4. Care should be taken for water, weed and pest management in the nursery beds.

**Cotton:**

1. Remove the plants after harvesting is complete for marketing.
2. Dry the harvest seed cotton to reduce the moisture percentage up to 8-10%.

**Maize:**

1. Field preparation for summer maize crops may be done and sowing should be complete early.
2. Apply fertilizer dose of 120:60:60 kg/ ha for hybrid maize.
3. For control weed apply Atrazine @ 1kg/ ha as pre-emergency spray.

**Green gram:**

1. Dry the harvested grain properly before storage.
2. Field preparation for summer crop may be done and sowing should be complete soon.
3. Apply fertilizer dose of 20:40:40 kg/ha for green gramme.
4. Apply pendimethalin @ 1kg a.i/ ha as pre-emergency spray to control the weed.

**Groundnut:**

1. Field preparation & sowing of summer groundnut may be started.
2. Sowing should be complete soon.
3. Apply fertilizer dose of 30:50:50 kg/ha for ground nut.
4. Apply pendimethalin @ 1kg a.i/ ha as pre-emergency spray to control the weed.

**Tomato:**

1. Tomato crop is at the flowering & fruiting stage.
2. Timely irrigate the crop to get optimum fruit yield.
3. Harvest the tomato fruits before it become over ripe.
4. To protect the tomato plants from wilting, a soil drenching of Bavistin 20g + Streptocycline 1g in 10 liters of water will be done.

**Brinjal:**

1. Brinjal crop is at the flower initiation stage.
2. Timely irrigate the crop to get optimum fruit yield.
3. Harvest the brinjal fruits before it become over matured.
4. To protect the brinjal plants from wilting, a soil drenching of Bavistin 20g + Streptocycline 1g in 10 liters of water will be done.

**Onion:**

1. *Rabi* onion is at good vegetative growth stage.
2. Complete hoeing, weeding and apply Urea @ 80 kg/ha as 1<sup>st</sup> top dressing at 30DAP.
3. Irrigate the crop in time to facilitate good vegetative growth.
4. To control onion thrips spray Thiamethoxam 25WG @2g/ 10liter of water.
5. To control purple blotch spray Carbendazim+ Mancozeb@ 2g/liter of water.

**Nodal Officer  
GKMS, RRTTS, Bhawanipatna.**

N.B.: - Kindly download and use the “MAUSAM App” for location-specific forecast and warning, “Meghdoot” App for Agromet advisory and “Damini” App for Lightning warning.