



# Gramin Krishi Mausam Sewa

## India Meteorological Department

### Odisha University of Agriculture and Technology

#### Bhubaneswar -751 003

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Nodal Officer

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**District – Khordha (East and South-Eastern Coastal Plain Agroclimatic Zone)**

The mean maximum daily temperature was 32.4°C and mean minimum daily temperature was 21.1°C of the Khordha district during the last week. The district received 19.1 mm rainfall during the last week. Transplanting of summer paddy is continuing. Sowing of summer pulses, oilseed and vegetables are also under progress. Mustard, Til and Groundnut are in harvesting stage. Harvesting of rabi paira pulses like Mung, Biri and Kulthi are continuing. Planting of Sugarcane is under progress. Crop coverage till date is 91% of the total programme area. Overall crop condition is Normal.

**Forecast (Up to 06.03.2024)**

**Given by Met. Centre, IMD, Bhubaneswar**

**DISTRICT: KHORDHA** – As per the forecast received from IMD, dry weather may prevail over the district of Khordha for the next five days. The sky condition may remain clear to mainly clear for the next five days. In the next 5 days, the wind speed will remain within 12-15 km/h. The daily maximum and minimum temperature are likely to remain 34-36°C and 23-24°C respectively for next five days.

DISTRICT	KHORDHA				
Date	02/03/2024	03/03/2024	04/03/2024	05/03/2024	06/03/2024
Rainfall (mm)	0	0	0	0	0
T-MAX (C )	36	35	35	34	34
T-MIN (C )	23	23	23	24	24
Cloud Cover	0	0	2	2	2
Rh Max (%)	88	76	75	88	74
Rh Min (%)	33	28	34	30	32
Wind speed (kmph)	12	15	15	13	14
Wind Direction (deg)	201	201	202	180	201

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

#### Agromet Advisory

- ❖ February-March is the ideal time for sowing of Cowpea, Cluster bean, Pumpkin, Cucumber and Watermelon.
- ❖ Transplanting of vegetables should be done in afternoon hour to avoid high temperature.
- ❖ To manage Bacterial Leaf Blight in paddy chemically, spray Copper Hydroxide 53.8% DF @ 600-gram/acre or 200- gram Plantomycin along with CopperOxy Chloride 50% WP @ 600-gram/acre.
- ❖ In-case of Leaf blast infestation, spray Tebuconazole 50% + Trifloxystrobin 25% WG @ 80 g/acre or Isoprothiolane 40EC @ 300 ml/acre in 200 litres of water. Repeat the spray at 7-10 days' interval.
- ❖ For controlling stem and root borer in cashew remove minimum width of the bark (only the damaged or tunneled portions) retaining at least 50% of the bark circumference.
- ❖ Harvest the mustard crop as soon as the pods turn yellowish-brown. The crop is liable to shattering, hence it should be harvested just before the pods open to avoid losses. The harvested crop should be stacked in threshing floor for 5- days before threshing. After thrashing dry the seeds in sunlight for few days to bring the moisture content of seeds up to 8 %.
- ❖ Harvest the potato crop which are at 75-85 days after planting and when majority of the leaves turn yellowish brown. For harvesting stop the irrigation 15 days before. All the harvested tubers should be kept in shed for 24 hours. Remove all the damaged and rotten tubers.
- ❖ To manage Tobacco Caterpillar pest in Groundnut, Blackgram, Greengram during primary stages of pest infestation proper surveillance should be done to collect and destroy egg mass and caterpillar of the pest. Monitor the emergence of adult moths by setting up Pheromone traps having Spodolure @ 6-8 nos/acre. Check the migration of caterpillars by dusting with Chlorpyrifos 1.5 % D @ 10 kg around the field.

#### PADDY (Summer):

##### Post-emergence weed management

In transplanted and broadcasted paddy to control grasses, sedges and broadleaf weeds farmers are advised to spray, Bispyribac Sodium 10% E.C. @ 80 ml/acre or Ethoxysulfuron 15% WDG @ 40-gram acre at 3 to 4 leaf stage by mixing in 200-litre of water. If only broad leaf weeds and sedges are dominant in the field spray ready mix Metsulfuron methyl 10%+ Chlorimuronethyl 10% WP @ 8-gram /acre at 20-25 DAT by mixing in 200 litre of water.

##### BLACK GRAM & GREEN GRAM: Powdery Mildew management

To manage powdery mildew disease in Blackgram and Greengram crop spray Sulphur 80% WP @800-gram/acre or Hexaconazole 5% E.C @ 300 ml/acre or Propiconazole 25% EC @ 200-ml/acre or Penconazole 10% EC @ 100-ml/acre by mixing in 200litre of water.

##### GROUNDNUT: Tobacco Caterpillar Management

For chemical control of Tobacco Caterpillar spray Novaluron 5.25 %+ Indoxacarb 4.25 % @ 400-ml/acre or Lambda Cyhalothrin 4.9 CS @ 300 ml or Flubendiamide 20 % WG @ 120 gram. For spraying of insecticides 200 litre of water per acre is required.

##### ONION: Thrips management

To manage thrips during primary stage of pest infestation spray Neem Based Pesticide (Azadirachtin) 1500 PPM @ 600 ml/acre. To manage thrips chemically in onion chemically spray Thiamethoxam 25% W. G @ 40 gram/acre or Acetamiprid 20% S.P. @ 50 gram/acre by mixing in 200 litre of water.

##### BRINJAL: Little Leaf of Brinjal

To manage little leaf in brinjal first remove and destroy the infected plant. To manage the vector of the disease spray Thiamethoxam 25 % WG @ 40-gram/acre or Flonicamid 50% WG @ 60-gram/acre or Dinotefuran 20 % SG @ 80-gram/acre.

##### POTATO: Cut Worm

To control cut worm in potato crop spray Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 litre of water. Cut Worm pest are nocturnal so insecticide spray should be done at evening hours. Dusting of Chlorpyrifos 1.5% DP@ 10-kg/acre should be done across the bund.

**PRINCIPAL NODAL OFFICER**

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