



Gramin Krishi Mausam Sewa

India Meteorological Department

Odisha University of Agriculture and Technology

Bhubaneswar -751 003

Dr.T.R Mohanty
Nodal Officer

Week No.11

No. -245 (Eng. Bulletin)
Dt. - 12.03.2024

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

The mean maximum daily temperature was 33.2°C and mean minimum daily temperature was 21.5°C of the Cuttack district during the last week. The district received 13.7 mm rainfall during the last seven days. Transplanting of summer paddy is almost completed. Sowing of summer pulses, oilseed and vegetables are also under progress. Harvesting of rabi crops like Mustard, Groundnut, Mung, Biri and Kulthi are continuing. Planting of Sugarcane is under progress. Crop coverage till date is 96 % of the total programme area. Overall crop condition is Normal.

Forecast (Up to 17.03.2024)
Given by Met. Centre, IMD, Bhubaneswar

DISTRICT: CUTTACK – As per the forecast received from IMD, Cuttack district is likely to receive light rainfall on Saturday & Sunday and dry weather on other days. The sky condition may remain clear to overcast for the next five days. In the next 5 days, the wind speed will remain within 10 -16 km/h. The daily maximum and minimum temperature are likely to remain 35-38°C and 23-25°C respectively for next five days.

DISTRICT	CUTTACK				
Date	13/03/2024	14/03/2024	15/03/2024	16/03/2024	17/03/2024
Rainfall (mm)	0	0	0	10	15
T-MAX (C)	36	37	38	37	35
T-MIN (C)	25	25	25	23	23
Cloud Cover	1	2	1	0	8
Rh Max (%)	81	75	83	94	88
Rh Min (%)	23	21	23	24	32
Wind speed (kmph)	12	16	11	10	12
Wind Direction (deg)	206	207	202	158	154

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

Agromet Advisory

- ❖ If bacterial Leaf blight disease incidence seen then drain out water from the paddy field. Remove the weeds and keep the field clean. Avoid excess use of “Nitrogenous” Fertilizer. Apply MOP @ 6-8kg/acre.
- ❖ If infestation of Bakanae disease is noticed in Paddy, spray, Carbendazim 50WP @ 200 g per acre in 200 litres of water and repeat the spray at 7-10 days’ interval.
- ❖ If pre-emergence herbicides were not applied in paddy, to control weeds spray Bispyribacsodium @ 120 ml/acre at 10-12 DAS or, 2-3 leaf stage of weeds or, Penoxsulum 1.02% + Cyhalofop-butyl 5.1% @ 800ml/acre at 15-20 DAS in 140 litres of water.
- ❖ Transplanting of vegetables should be done in afternoon hour to avoid high temperature.
- ❖ 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.
- ❖ In banana select Sigatoka Leafspot disease free resistant cultivar like Bantal, Robusta, Singapuri, Kabuli etc.
- ❖ Farmer should apply 15-kg of Urea per acre for High yielding varieties of okra and 20-kg of Urea per acre for hybrids as first top dressing after hoeing and hand weeding at 25 DAS.
- ❖ Onion being a shallow rooted crop, needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development.
- ❖ Make arrangement for covering with shade net in vegetable nursery and Mulch the Mango plant basins with dried leaves.

PADDY (Summer): Bacterial Leaf Blight management

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.

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: Thrips and aphids management

Due to rise in atmospheric temperature there are chances of infestation of thrips and aphids in groundnut crop. To manage aphids, and thrips spray Neem Based Pesticide (Azadirachtin) 300 PPM @ 1-litre /acre during primary stage of infestation. If the infestation is severe than spray Thiamethoxam 25% W.G @ 40 gram/acre or Imidacloprid 17.8% SL @ 50- ml/acre by mixing it in 200 litre of water.

BRINJAL: Little leaf in 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.

CUCURBITS: Red Pumpkin Beetle management

There are chances of infestation of Pumpkin Beetle in cucurbit crops like Pumpkin, Bitter Gourd, Melon and Cucumber crops. To manage Red Pumpkin Beetle in Cucurbit crops spray Cyantraniliprole 10.26% OD @ 400-ml/acre or Imidacloprid 17.8% SL @ 60-ml/ acre or Chlorpyrifos 20% EC @ 400-ml/acre.

BANANA: Sigatoka Leafspot management

To manage the disease chemically spray carbendazim @10gram/10 litre of water or chlorothalonil @30gm/10 litre of water for two to three times in one month interval.

PRINCIPAL NODAL OFFICER

For better agricultural benefits use, **OUAT KALINGA** products (Seedlings, Saplings & QPM, Tissue Culture Plants, Fruits & Vegetables, Value Added Products, Fingerlings/ Yearlings, Poultry chicks, Breeds, Mushroom & Spawn, Bio-Fertilizer, Bio-Pesticides, Vermi & VermiCompost and Farm Implements).

IMD Weather forecast and Agro-meteorological advisory of Odisha location is now available on Meghdoot mobile app in English and Odia language.
Download: (Android: <https://play.google.com/store/apps/details?id=com.aas.meghdoot>) (iOS: <https://apps.apple.com/in/app/meghdoot/id1474048155>)