



Gramin Krishi Mausam Sewa

India Meteorological Department

Odisha University of Agriculture and Technology

Bhubaneswar -751 003

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Nodal Officer

Week No.10

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

The mean maximum daily temperature was 34.4°C and mean minimum daily temperature was 21.1°C of the Khordha district during the last week. The district received no 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 09.03.2024)

Given by Met. Centre, IMD, Bhubaneswar

DISTRICT: KHORDHA – As per the forecast received from IMD, Khordha district is likely to receive light rainfall on Saturday and dry weather on other days. The sky condition may remain partly cloudy to generally cloudy 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 33-36°C and 22-24°C respectively for next five days.

DISTRICT	KHORDHA				
Date	05/03/2024	06/03/2024	07/03/2024	08/03/2024	09/03/2024
Rainfall (mm)	0	0	0	0	4
T-MAX (C)	36	36	35	34	33
T-MIN (C)	24	23	22	24	24
Cloud Cover	3	4	3	5	6
Rh Max (%)	73	68	79	88	92
Rh Min (%)	36	32	32	35	45
Wind speed (kmph)	16	13	14	11	10
Wind Direction (deg)	204	202	191	112	124

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

Agromet Advisory

- ❖ 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.
- ❖ 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.
- ❖ Apply urea @ 35 kg/acre as top dressing at 20-25 DAT (tillering stage) in Paddy.
- ❖ 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.
- ❖ 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.
- ❖ 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.
- ❖ 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): Yellow stem borer management

Due to rise in temperature there are chances of increase in stem borer infestation in paddy crop. To manage stem borer in paddy, broadcast granular insecticide Chlorantraniliprole 0.4 % GR @ 4-kg/acre or Cartap hydrochloride 4G @ 8-kg acre by mixing it with sand at 1:1 ratio or spray Chlorantraniliprole 18.5 % SC @ 60-ml/acre.

SUGARCANE: Fertilizer Management

Top dressing with Urea @ 60-kg per acre each at 45, 75 and 105 days after planting should be done. Apply the rest 20-kg of MOP at the time of the third top dressing with Urea. Do not top apply Urea after 120 days after planting as late application delayed maturity, reduces sucrose content and the total cane yield.

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: Leaf hopper

To manage leaf hopper in brinjal spray Thiamethoxam 25 % WG @ 40-gram/acre or Flonicamid 50% WG @ 60-gram/acre or Dinotefuran 20 % SG @ 80-gram/acre.

COLE CROPS: Tobacco caterpillar management

To manage tobacco caterpillar pest, regular monitoring of pest infestation should be carried out. Collect and destroy the caterpillars and egg masses in the early stages of pest attack. Spray Neem based Pesticide (Azadirachtin) 300 PPM @ 1-litre /acre by mixing in 200-litre of water. To manage these pests chemically spray Tolfepryrad 15 % EC@ 400-ml/acre or Flubendiamide 20 % WG @ 20-gram/acre or Chlorfenapyr 10 % SC @ 400-ml/acre or Spinosad 45 % SC @ 75-ml/acre by mixing in 200-litre of water.

PRINCIPAL NODAL OFFICER

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