



Gramin Krishi Mausam Sewa

India Meteorological Department

Odisha University of Agriculture and Technology

Bhubaneswar -751 003

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Nodal Officer

Week No.09

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

The mean maximum daily temperature was 30.6°C and mean minimum daily temperature was 23.4°C of the Puri district during the last week. The district received 4.6 mm rainfall during the last seven days. 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 03.03.2024)

Given by Met. Centre, IMD, Bhubaneswar

DISTRICT: PURI – As per the forecast received from IMD, dry weather may prevail over the district of Puri for the next five days. The sky condition may remain clear to partly cloudy for the next five days. In the next 5 days, the wind speed will remain within 11 -20 km/h. The daily maximum and minimum temperature are likely to remain 31-33°C and 21-22°C respectively for next five days.

DISTRICT	PURI				
Date	28/02/2024	29/02/2024	01/03/2024	02/03/2024	03/03/2024
Rainfall (mm)	0	0	0	0	0
T-MAX (C)	31	32	32	33	33
T-MIN (C)	21	21	21	22	22
Cloud Cover	2	0	4	0	4
Rh Max (%)	75	81	85	83	79
Rh Min (%)	49	53	58	52	54
Wind speed (kmph)	11	15	14	17	20
Wind Direction (deg)	243	206	180	198	204

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

Agromet Advisory

- ❖ 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.
- ❖ 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.
- ❖ 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.

MUSTARD: Downy Mildew disease

To manage Downey Mildew disease in mustard crop spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre or Cymoxanil 8% + Mancozeb 64% W.P @500-gram/acre or Fosetyl-Al 80% WP @ 600- gram/acre.

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.

COLE CROPS: Leaf Webber and Head Borer management

To manage leaf webber and head borer pests, 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 Tolfenpyrad 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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