



Gramin Krishi Mausam Sewa
India Meteorological Department
Odisha University of Agriculture and Technology
Bhubaneswar -751 003

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Nodal Officer

Week No.07

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

The mean maximum daily temperature was 28.7°C and mean minimum daily temperature was 20.1°C of the Puri district during the last week. The district received no rainfall during the last seven days. Transplanting of summer paddy is under progress. Sowing of summer pulses, oilseed and vegetables are in progress. Mustard, Til and Groundnut are in flowering to pod formation stage. Planting of Sugarcane is under progress. Crop coverage till date is 83% of the total programme area. Overall crop condition is Normal.

Forecast (Up to 18.02.2024)
Given by Met. Centre, IMD, Bhubaneswar

DISTRICT: PURI – As per the forecast received from IMD, the district is likely to receive light rainfall on Friday & Saturday and dry weather on other days. The sky condition may remain mainly clear to overcast for the next five days. In the next 5 days, the wind speed will remain within 10-14 km/h. The daily maximum and minimum temperature are likely to remain 28-30°C and 18-21°C respectively for next five days.

| DISTRICT | PURI | | | | |
|----------------------|------------|------------|------------|------------|------------|
| Date | 14/02/2024 | 15/02/2024 | 16/02/2024 | 17/02/2024 | 18/02/2024 |
| Rainfall (mm) | 0 | 0 | 10 | 5 | 0 |
| T-MAX (C) | 29 | 30 | 29 | 28 | 30 |
| T-MIN (C) | 20 | 21 | 21 | 19 | 18 |
| Cloud Cover | 2 | 4 | 8 | 8 | 4 |
| Rh Max (%) | 81 | 82 | 82 | 76 | 84 |
| Rh Min (%) | 51 | 54 | 53 | 51 | 50 |
| Wind speed (kmph) | 13 | 14 | 11 | 10 | 13 |
| Wind Direction (deg) | 167 | 201 | 153 | 112 | 171 |

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

Agromet Advisory

- ❖ Farmers those have already completed transplanting, apply granular herbicide Bensulfuron-methyl + Pretilachlor @ 4kg/ acre at 5-8 days after transplanting.
- ❖ Seedling treatment with 0.2% Chloropyriphos for 10-12 hours to control stemborer in the main field if granular insecticides have not been applied previously in the nursery.
- ❖ Complete the transplanting of 3-5 week old seedlings in well puddled soil at a spacing of 15cm × 15cm with 3-4 seedlings per hill at shallow depth.
- ❖ In bacterial blight endemic areas, dip the seedling roots in 0.1% (1g in one litre of water) Plantomycin solution before transplanting for 30 minutes.
- ❖ Apply (DAP 44 kg + MOP 22 kg) or (Urea 22 kg + SSP 125 kg + MOP 22 kg) as basal dose during final puddling.
- ❖ In just transplanted field put 3 pheromone traps with 5mg lure/acre in the rice field for monitoring of the yellow stem borer and leaf folder.
- ❖ Rabi crop needs 10-15 irrigations at 7-10 days interval depending upon the soil moisture condition.
- ❖ Sugarcane crop is a heavy feeder. Apply 87-kg of DAP, 20-kg of MOP and 4- tonne of FYM at the time of planting in trenches. Top dressing with Urea @ 60-kg per acre each at 45, 75 and 105 days after planting should be done.
- ❖ To manage early and late leaf blight in tomato, spray Mancozeb 75% WP @ 600 gram/acre or Zineb 75% WP @ 500gram/acre at 7 days interval.

PADDY (Summer): Post-emergence Weed Management

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

BLACKGRAM AND GREENGRAM: Aphid

To control aphids during primary stage of pest infestation spray Neem Based Pesticide (Azadirachtin) 1500 PPM @ 600 ml/acre. Then spray Thiamethoxam 25% W.G @ 40 gram/acre or Acetamidrid 20% S.P. @ 50 gram/acre or Imidacloprid 17.8% SL @ 60-ml/acre by mixing in 200 litres of water.

GROUNDNUT: Bud Necrosis

To manage the carrier of Bud necrosis disease (Thrips) during primary stage of pest infestation spray Neem Based Pesticide (Azadirachtin) 1500 PPM @ 600 ml/acre. To manage Thrips chemically spray Thiamethoxam 25% W.G @ 40 gram/acre or Acetamidrid 20% S.P. @ 50 gram/acre or Imidacloprid 17.8% SL @ 60-ml/acre by mixing in 200 litres of water.

COLE CROPS: Alternaria Leaf Spot

There are chances of Alternaria leaf spot disease incidence in Cole crops due to current cloudy weather condition. To control this disease in Cole crops spray Mancozeb 75 % WP @ 600-gram/acre or carbendazim 12 % + Mancozeb 63 % WP @ 400-gram/acre by mixing in 200-litre of water.

POTATO: Cut Worm

To control cut worm in potato crop spray Chlorpyriphos 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 Chlorpyriphos 1.5% DP@ 10-kg/acre should be done across the bund.

ANIMAL HUSBANDRY: For countering Foot and mouth diseases of cattle, care should be taken for FMD vaccination once in a year.

PRINCIPAL NODAL OFFICER

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