



Gramin Krishi Mausam Sewa
India Meteorological Department
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Bhubaneswar -751 003

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Nodal Officer

Week No.03

No. – 61 (Eng. Bulletin)
Dt. -16.01.2024

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

The mean maximum daily temperature was 27.42°C and mean minimum daily temperature was 19.57°C of the Puri district during the last week. The district received no rainfall during the last seven days. Harvesting of Long duration paddy is going to be completed. Raising of nursery bed and land preparation for rabi paddy is going on. Harvesting and planting of Sugarcane is under progress. Sowing of Rabi crops like Cereals, Pulses, Oilseeds, Vegetables and Spices are under progress. Crop coverage up to the end of this week is 48%. Overall crop condition is Normal.

Forecast (Up to 21.01.2024)
Given by Met. Centre, IMD, Bhubaneswar

DISTRICT: PURI – As per the forecast received from IMD, the district is likely to receive very light to light rainfall on first three days followed by dry weather on Saturday and Sunday. The sky condition may remain clear to generally cloudy for the next five days. In the next 5 days, the wind speed will remain within 08-20 km/h. The daily maximum and minimum temperature are likely to remain 26-28°C and 18-20°C for next five days.

| DISTRICT | PURI | | | | |
|----------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Date | 17/01/2024 | 18/01/2024 | 19/01/2024 | 20/01/2024 | 21/01/2024 |
| Rainfall (mm) | 1 | 2 | 5 | 0 | 0 |
| T-MAX (C) | 28 | 28 | 27 | 27 | 26 |
| T-MIN (C) | 20 | 19 | 19 | 18 | 18 |
| Cloud Cover | 2 | 2 | 6 | 2 | 0 |
| Rh Max (%) | 81 | 84 | 84 | 80 | 80 |
| Rh Min (%) | 66 | 68 | 69 | 61 | 63 |
| Wind speed (kmph) | 16 | 20 | 17 | 8 | 12 |
| Wind Direction (deg) | 167 | 198 | 202 | 161 | 180 |

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

Agromet Advisory

- ❖ Mulch vegetable seedling with straw or other mulching material to avoid cold injury.
- ❖ In view of prevailing low temperature, Provide light irrigation to standing vegetables and crops during morning hours.
- ❖ Farmers are advised to prepare nursery bed and treat the paddy seeds with Carbendazim 50% W.P @ 1.5 g/1kg of seeds or Carboxin 37.5% + Thiram 37.5 % @ 3 g /1 kg of seeds before sowing in the nursery.
- ❖ Cover the recently planted cole crops with paper pockets during night time to prevent from low temperature stress.
- ❖ Maintain saturated condition in the surface soil of nursery bed by applying irrigation in furrow, for proper establishment and early growth of Rice seedlings.
- ❖ Farmers are advised to prepare nursery bed and treat the paddy seeds with Carbendazim 50% W.P @ 1.5 g/1kg of seeds or Carboxin 37.5% + Thiram 37.5 % @ 3 g /1 kg of seeds before sowing in the nursery.
- ❖ Standing water to a depth of 2-3 cm should be maintained at least for 2-3 days before uprooting of seedlings.
- ❖ Sunflower crop is at 25-30 days stage. Go for hoeing and weeding and thinning and apply N -fertilizer.
- ❖ Spraying of pesticides to be done after 3 pm to protect the honey bee.

PADDY (Summer): Nursery Management

Prepare the wet nursery seed beds for paddy. Irrigate the nursery field and puddle it 2-3 times followed by planking. Apply 200 kg of FYM, 4 kg of DAP, 2.5 kg of MOP and 1 kg of Zinc sulphate during last puddling. Divide nursery area into smaller plots of convenient length. Irrigation channels of size 30 cm in width should be made along the beds for irrigation/drainage purpose. Sprouted Seeds should be sown @ 40-50 g / m² area of seed bed by line sowing with 5 cm gap between each line.

Seed treatment

Treat the paddy seeds with Carbendazim 50% W.P @ 1.5 g/1kg of seeds or Carboxin 37.5% + Thiram 37.5 % @ 3 g /1 kg of seeds before sowing in the nursery.

SUGARCANE: To prevent red rot disease, resistant varieties like CO-7219, CO-8371, CO-8013, CO-8014, CO-6907, CO-7601 and CO- 7602 should be selected. Soak the setts for 30 minutes in a solution of 100 lit of water containing 150 g of carbendazim 50 WP, 200- ml of chlorpyrifos 20 % EC and 1 kg urea. Do not add chlorpyrifos if soil drenching is adopted.

BLACKGRAM AND GREENGRAM:

Yellow mosaic virus

Present weather condition is favourable for the incidence of yellow mosaic virus which is caused by the vector white fly. To control go for spraying of triazophos @ 400 ml/acre or Acetamidpride @ 40 g per acre.

CHILLI: Mite

For controlling mites in chilli, spray Ethion 50 % EC @ 600 ml/acre or Spiromesifen 22.9 % SC @ 200 ml/acre or Propargite 57 % EC @ 600 ml/acre.

POTATO: Go for hoeing and hand weeding in Potato after 3 weeks of first earthing up. Apply again 26 Kg of Urea and 20 Kg of MOP in line on both side the plants and earthing up should be done to cover up the tubers properly. Apply chlorpyrifos @ 400 ml/acre for control of cut worm and leaf eating insect.

ROSE: To control thrips in rose, spray Fenpyroximate 5% EC @ 2 ml or Abamectin @ 1 ml per litre of water.

POULTRY:

In view of prevailing low temperature, for maintaining heat in the poultry shed use electric bulb or install heaters in the shed. Cover the farm with polythene or gunny bag.

PRINCIPAL NODAL OFFICER

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